UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

DEC 14 2011

Ms. Deborah A. S. Hoag, P.E.
Environmental Division Manager
City of Reading
815 Washington Street
Reading, Pennsylvania 19601-3690

Re: Pretreatment Program
NPDES No. PA0026549

Dear Ms. Hoag:

Thank you for the submission of the City's annual pretreatment report for calendar year 2010. Please note that the report is due by March 31 of each year, but the City's 2010 annual report was submitted on May 19, 2011. Failure to submit the report by March 31 of each year is a violation of the City's NPDES permit and could subject the City to enforcement action.

The City's report for 2010 included a listing of the penalties assessed during the year as well as an indication of whether the penalties have been paid. However, the 2010 report should also provide an update for any penalties that were listed in previous reports as having not been paid. For example, the 2009 annual report indicated that the penalties assessed to National/Yorgey's (assessed 8/24/09) and Termaco (assessed 12/18/09) had not been paid. The 2010 annual report should have provided an update on whether these penalties have been paid. Note that my letter of February 10, 2011 providing comments on the City's annual report for calendar year 2009 also requested an update of uncollected penalties for previous years. Please provide an update on past penalties and whether they have been paid.

In reviewing the 2010 annual reports, EPA has continued the program in which specific pretreatment implementation items for each approved program are being tracked. For calendar year 2010, no significant changes were made to the measures. Enclosed is a sheet that includes the data that I have collected for the Reading pretreatment program for calendar year 2010, as well as a sheet that provides some additional information on the categories listed. An "Instruction Sheet" that provides more detail on each measure (with any clarifications from the 2009 measures indicated in bold) is also enclosed. Generally, the category ratings are not directly related to compliance, but "Category 1" would be considered the best rating for each measure. Finally, a summary of all of the POTW data collected so far for calendar year 2009 has been included to allow you to compare your program to the ratings achieved by POTWs in calendar year 2009.

Measure 1 (influent data) is listed in category 2 for mercury and zinc, and in category 3

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for molybdenum. For zinc, it appears that the frequency of the influent exceedances is slowly decreasing (see enclosed *List of Exceedances* report). For mercury and molybdenum, the exceedances for 2010 continue exceedances that have occurred in the past and will need to be addressed.

Measure 3 (sludge data) is listed in category 2 for molybdenum. This is a resurfacing of an issue that appeared to be resolved in calendar year 2009. Although the sludge levels of molybdenum are lower than they were in calendar years 2006 through 2008, the City will need to determine the cause of the elevated molybdenum levels and take steps to address this issue.

Measure 4 (data/local limits) is listed in category 2 for mercury and zinc and in category 3 for molybdenum. For mercury and zinc, the influent exceedances without any corresponding effluent or sludge exceedances suggest that the influent goal, and therefore the local limit, for these pollutants is more stringent than necessary. To address this, the City should reevaluate its local limits. Note that on June 28, 2006 I sent you comments on the City's most recent limits reevaluation but have not received a response to those comments. For molybdenum, the influent and sludge exceedances indicate that there is too much molybdenum entering the treatment plant. Since the City did not report any users in violation of the molybdenum limit, this suggests that the limit may not be stringent enough or that additional sources that are currently unregulated may need to be regulated. Again, the City would need to complete the reevaluation of the local limits to assess whether the current limit is appropriate.

Measures 8, 9, and 12 (SNC rates) are listed in category 3 and measure 11 is listed in category 2. Although several of the users in significant noncompliance for the year were only in significant noncompliance for one quarter, the City still has work to do to reduce the overall noncompliance rates, especially for users that have been in significant noncompliance in the past. While the City's enforcement program does a good job assessing penalties, it appears that a greater emphasis on compliance schedules may be appropriate as well.

Measure 18 (streamlining) is listed in category 3. The City previously submitted an assessment of its current legal authority that showed that it needs to be updated. However, I have not yet received draft revisions to the legal authority addressing the required changes. Since it is now over six years since EPA amended its regulations, it is important that the City move quickly on this issue to ensure that it has proper authority to implement the pretreatment program.

Measure 19 (overall rating) is listed in category 3 with a rating of 74.1. While this rating is slightly higher than the City's rating for calendar year 2009 (72.2) it is still significantly below the average rating received by POTWs in 2009 (85.8). In order to improve its program, the City will need to act aggressively in enforcing standards in order to lower the significant noncompliance rates. In addition, the City must complete its local limits reevaluation to ensure that the standards that it enforces are appropriate and properly protect the treatment plant.

I have also reviewed the additional monitoring data for calendar year 2009 submitted by the City on June 9, 2011. This additional data completes the priority pollutant scan data required for the 2009 report, and I have enclosed a revised measures table for calendar year 2009. The

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revised table shows that all of the data was submitted and updates the evaluation for measures 1 (influent data) and 4 (data/local limits). Since the overall category for these measures did not change, the overall rating in measure 19 did not change.

Although the City did provide the missing data for the 2009 report, it did not respond to the other comments from my letter of February 10, 2011 on the 2009 report. Please provide a response to this letter. In addition, as noted above the City must also provide a response to my June 28, 2006 letter that provided comments on the City's local limits reevaluation.

Please provide a response to the issues raised above. If you have any questions regarding this matter, please contact me at 215-814-5790.

Sincerely,

John Lovell
Pretreatment Coordinator
NPDES Permits and Enforcement (3WP41)
Water Protection Division

Enclosures

cc: Lee McDonnell, PADEP Southcentral Region (w/out enclosures)
Sean Furjanic, PADEP Central Office (w/out enclosures)

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CITY OF READING, PENNSYLVANIA

UTILITIES DIVISION
WASTE WATER TREATMENT PLANT
815 WASHINGTON STREET
READING, PA 19601-3690
(610) 655-6258

PUBLIC WORKS
DEPARTMENT

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EPA REGION III
MAY 23 2011
NPDES PERMITS BRANCH
(3WP41)

May 19, 2011

Mr. John Lovell (3WP41)
Office of Municipal Assistance
US Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia PA 19103-2029

Dear Mr. Lovell:

As required by the City of Reading's NPDES Permit Number PA0026549, the City is to submit an annual report covering developments of the City's Pretreatment Program. Enclosed please find the annual report covering the period of January 1, 2010 to December 31, 2010.

Please do not hesitate to contact me at 610-655-6258 should you have any questions on the report.

Thank you for your attention.

Sincerely,

Deborah A.S. Hoag, P.E.
Utilities Division Manager

DH/eh

cc: Charles M. Jones, P.E., Director of Public Works
Jacqueline C. Hendricks, Environmental Program Coordinator
File

PRETREATMENT PERFORMANCE SUMMARY

I. General Information

Control Authority Name: City of Reading WWTP
Address: 815 Washington Street
City : Reading State : PA Zip : 19601-3690
Contact Person: Deborah A.S. Hoag, P.E.
Contact Title: Utilities Division Manager
Contact Telephone Number: (610) 655-6121
E-mail address: Deborah.Hoag@readingpa.org
NPDES Nos: PA 0026549
Permit Issuance Date: 05/01/01 Expiration Date: 05/01/06
Reporting Period: 1/1/10 to 12/31/10
Total Categorical IUs (CIUs): 10
Total "Middle Tier" CIUs (MTCIUs): 0
Total Nonsignificant CIUs (NSCIUs): 0
Total Significant Noncategorical IUs (SNIUs): 24

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(3WP41)

II. Compliance Monitoring Program

1. No. of SIUs with Current Control Documents.....34
2. No. of SIU Facilities Inspected..... 34
3. No. of SIU Facilities Sampled..... 34
4. No. of SIUs Submitting Self-Monitoring Reports.....32

III. Significant Industrial User Compliance

1. No. of SIUs Violating a Compliance Schedule/No. On a Schedule..... 0/0
2. No. of SIUs in SNC for the July to December Period..... 4
3. No. of SIUs in SNC At Any Time During Calendar Year..... 8
4. No. of SIUs in SNC That Were Also in SNC During The Previous Calendar Year..... 7
5. No. of NSCIUs that violated any standards or requirements..... N/A

IV. Enforcement Actions

1. Notices/Letters of Violation Issued to SIUs..... 103
2. Enforcable Compliance Schedules Issued to SIUs..... 1
3. Civil/Criminal Suits Filed..... 0
4. No. of SIUs from which Penalties have been Collected.....27
5. Other Actions (sewer bans, etc.).....0

I certify that the information contained in this report and attachments is complete and accurate to the best of my knowledge. (See Part B.V of the instructions)

Deborah A. S. Hoag, P.E.
Name of Authorized Representative

Utilities Division Manager
Title (Print)

Signature

05/17/2011
Date

Pretreatment Annual Report

Part A – Pretreatment Performance Summary

I – General Information

Significant Users
At the end of the reporting period, the City of Reading had 34 significant industrial users, classifying 10 as categorical users and 24 as non-categorical users. Last year the City reported the same number of categorical and non-categorical users. All 34 of the users have current permits.

Summit Steel and Manufacturing is a categorical industrial user that began operations in 2006 and received its first permit from the City in that year. It is classified under the Metal Finishing regulations because of a powder coating line. The company discontinued the powder coating operation in June 2007 because it was not cost effective. The cleaning tanks and pretreatment system remained in place. The company decided to renew its permit in 2009 in the event it could identify one or more customers that would make it profitable to begin operation of the line again. The company notified the City of its plan to restart the line in September 2010. A facility inspection was conducted after the line was back in operation and testing began in the fourth quarter.

Exide Technologies is counted as one significant industrial user. However, the company has traditionally been issued separate permits for the three plants that discharge wastewater to the City of Reading. Although ownership is the same, management and authorized representatives are different for these plants. The plants are physically separated but are all located within the boundaries of the Exide Technologies complex. For compliance monitoring (inspections, sampling and self-monitoring) and enforcement counts and spreadsheets, each plant is counted separately.

The permit for Rohm and Haas Chemicals was reissued as Akzo Nobel Coatings with the same expiration date. A two year permit for this company was previously issued with an effective date of April 1, 2010. This permit was reissued with an effective date of June 1, 2010. The City was notified by the Legal Department of Rohm and Haas that the facility would be purchased by Akzo Nobel. The letter stated that the facility would be owned and operated by Akzo Nobel Coatings and that the change in ownership would not affect the normal operations or the contact persons at the facility. The City received another letter after the sale became official on June 1, 2010. There were no changes to the permit except for one additional permit condition. This condition states that there shall be no planned, deliberate or intentional discharge at any time to any unpermitted outfalls at the facility from upsets, spills, slug discharges, accidental discharges or discharges that could cause problems to the public treatment works if this discharge would ordinarily, usually, normally and routinely discharge to the troughs in the Thermoset Building and ultimately to the permitted outfall which is the sampling point. This condition was added due to a bypass that occurred on May 23, 2010. There was a leak in the water recovery system used for cooling in the Thermoset Building. This water entered the drain troughs in the Thermoset Building. A decision was made to pump the water to the troughs in the Thermoplastic Building. The troughs in the Thermoplastic Building empty to a sump which

discharges to an outfall that is not permitted because it does not receive any routine process discharge.

George Weston Bakeries was sold in 2009. It was purchased by Groupo Bimbo using the title of Bimbo Bakeries USA. The new owner decided to do business under the company's former name of Stroehmann Bakeries. The company was listed as Stroehmann Bakeries in the 2009 Annual Report. In the first quarter of 2010, the company informed the City that the business will now be operating under the name of Orograin Manufacturing Bakeries. The permit was reissued, effective April 1, 2010, under this new operating name. There were no changes to the operations at the facility and no changes in personnel that would affect the Pretreatment Program.

Non-Significant Users

The City also has 14 users classified as non-significant due to their minor flows and/or the low probability of potential problems. This is a decrease from the 15 reported in the last annual report. Neversink Brewery is no longer in operation. The owner informed the City that operations ceased on December 31, 2009 and requested cancellation of the permit. However, this request was not granted by the City. The City first wants to insure that all industrial waste surcharge bills, administrative fines and other fees associated with the permit have been paid. The permit will expire on June 30, 2011. This company is no longer included in the spreadsheets and industrial user listing for the 2010 Annual Report.

The current list of industrial users with their addresses is attached as **Appendix 1**.

II – Compliance Monitoring Program

Appendix 2 provides a listing with issuance and expiration dates for all significant and non-significant user control documents along with the number of inspections, sampling visits and self-monitoring events required and conducted during the year. The City uses permits for its control mechanism for significant and non-significant users. All 34 significant industrial users have current control documents. All permits are individual. No general control mechanisms (permits) are used. For CIUs, the City has not assigned mass based limits in place of concentration based categorical limits. The City has not granted a monitoring waiver for any CIU for any categorically regulated pollutants in accordance with 40 CFR 403.12(e)(2). All 34 significant industrial users were inspected during the year. The City requires self-monitoring for all of its significant industrial users. For one industrial user, Orograin Manufacturing Bakeries, the City performs all of the testing for one parameter only. The City performs all testing for color in its own laboratory. The industry is required to do self-monitoring for all other parameters. This decision was based on the results of a split sample study. The City understands that any violation for color in its testing requires a resampling within 30 days in accordance with the Pretreatment Regulations.

In the June 28, 2006 letter addressing the last EPA audit of the City's Pretreatment Program, it was stated that the City must make changes to its permit in order to comply with the Pretreatment regulations. The changes to the permit were sent to the EPA in April 2010 and the City's permits, beginning with those issued effective April 1, 2010, included these changes. Additional comments from EPA, received on February 7, 2011 will be addressed in the future.

Beginning with permits issued effective April 1, 2010, other items in the June 28, 2006 letter addressing the last EPA audit of the City's Pretreatment Program were also addressed. These permits include a limit for free cyanide. A number of these permits do not require testing for free cyanide. This determination was made based on a data review, facility inspections and documents from the company demonstrating that there is no reasonable potential for violation of the local limit for free cyanide and is documented in each permit. However, testing for free cyanide was added to some of the permits as described in the Notes section of the Increased Industrial Sampling spreadsheet in **Appendix 3.** If self-monitoring for any other local limits pollutants is not required twice a year in these permits, documentation based on a data review and facility inspections is included in each permit demonstrating that there is no reasonable potential for violation of the local limit for these particular pollutants. These permits contain a justification for the number of grab samples required for those pollutants that require sampling in this manner. They also contain a justification for the requirement for sampling in certain months of the year.

Beginning with permits issued effective April 1, 2010, the following permit conditions are included as sent to the EPA in April 2010:
D. Other Permit Conditions
The permittee shall notify the City immediately of any changes at the facility affecting the potential for a slug discharge. A slug discharge is any discharge of a non-routine, episodic nature, including but not limited to an accidental spill or a non-customary batch discharge, which has a reasonable potential to cause interference or pass-through, or in any other way violate the POTW's (publicly owned treatment works) regulations, local limits or permit conditions.

The Permittee shall maintain or provide documentation demonstrating compliance with the best management practices listed below.

- A Spill Prevention and Control Plan (Accidental Discharge/Slug Control Plan) that has been submitted to the City for approval must be maintained and implemented by the Permittee. A plan entitled _____ , dated _____ and signed _____ was submitted to the City for approval. The Permittee is required to maintain and implement this plan at its facility.

In a number of permits, revisions or additions to the Spill Prevention and Control Plan were required as a permit condition. This is demonstrated in the following example:

- A Spill Prevention and Control Plan (Accidental Discharge/Slug Control Plan) that has been submitted to the City for approval must be maintained and implemented by the Permittee. A plan entitled Spill Prevention Plan, dated October 1, 2007 and signed October 15, 2007 was submitted to the City for approval. The Permittee is required to maintain and implement this plan at its facility. However, this plan requires minor additions and revisions which are due no later than June 30, 2010. The Permittee is then required to maintain and implement this revised plan at its facility.

The specific additions and revisions required are not included in the permits but are sent to the industry representatives in letter format. In doing these Spill Plan reviews, one of the items that is looked at carefully for review and revision is

- description of wastewater discharges (continuous or batch including non-routine batch discharges); if there are batch discharges, list the frequency (days of the week, time of day) and volume

Knowledge of the facility from inspections is helpful in insuring that batch discharges are also included in this section.

In the June 28, 2006 letter addressing the last EPA audit of the City's Pretreatment Program, it was stated that the City must maintain a spreadsheet showing the local limits allocation for each user. The City has updated its spreadsheet showing the total approved loading for each local limit pollutant, the loading allocated through the user permits to each industrial user for each pollutant and the sum of the loadings of each pollutant allocated to all industrial users. Free cyanide allocations have been added to this spreadsheet. The spreadsheet was updated in 2010 to include all new SIUs and non-SIUs as well as to eliminate the industries that have closed over the years. The sum of the loadings of each pollutant allocated to all industrial users has decreased over the years for all pollutants except mercury. This is due to the change in the mix of industrial users away from the heavy industries. Mercury has remained unchanged due to the low local limit for mercury and the fact that the industrial flow has not decreased significantly. All IUs, with one exception, have the same local limit for mercury. Some food and non-metal industries have either increased their discharge or moved into the area and therefore there is only a modest decrease in the industrial flow.

All 34 significant industrial users were sampled by the City during the year. City sampling of significant users varies from monthly to annually. Summit Steel and Manufacturing was sampled once. This facility is scheduled for semiannual sampling by the City. Since the facility did not discharge until September 2010, only one sampling event was conducted. Exide Technologies – Plant One is normally sampled on a quarterly basis by the City. Two sampling events were conducted in 2010 in the first half of the year. Production in this building ceased on June 7, 2010 followed by cleanup of the production areas. Although the discharge from the building is sanitary, not industrial, the closure resulted in minimal usage of the building facilities. The majority of the building along with the employee facilities is shut down and not accessible.

Significant users are required to submit self-monitoring reports at varying frequencies but not less than twice per year. All significant industrial users submitted all required self-monitoring reports during the year, with one exception. Crescent Brass submitted the sampling and testing data for the third quarter of 2010 by the due date but without the signature of an authorized representative of the company. The City sent three letters to the authorized representative of the company requesting the resubmission of the data with the proper format and signature. The company failed to respond to any of the letters and the reports were not resubmitted. The company received a Notice of Violation for Failure to Report and an administrative penalty. Summit Steel and Manufacturing did not submit self-monitoring reports in 2010. By permit, self-monitoring testing is required in January and July. The facility did not discharge until September 2010 and therefore no testing was due for 2010.

One significant industrial user was cited for Failure to Report. Crescent Brass failed to resubmit its third quarter report using the proper format and authorized signature. Beginning with the third quarter of 2005, the City is using Late Sampling as a noncompliance category. Late

Sampling is applied when the self-monitoring report is received in a timely manner but the testing submitted is performed in a month or time frame other than required by the permit. Three significant industrial users were cited for Failure to Resample. These users and parameters in non-compliance are: National/Yorgey's Cleaners for oil and grease (HEM) in the first quarter, Orograin Manufacturing Bakeries for zinc at outfall 002 in the first quarter and Yuasa Battery for pH at outfall 002 in the first quarter. All of the users submitted the required resample and returned to compliance. This is described in Part A. III. These users received administrative penalties and were published as facilities in SNC for Failure to Resample.

During the year, the City conducted sampling in excess of the proposed amount at a number of facilities to assess compliance after violations. A number of facilities conducted self-monitoring above the required amount for the same reason. These events were done at the facility's initiative or voluntarily following the City's request. The Increased Industrial Sampling spreadsheet shows details of this and is included in **Appendix 3**. The number of additional sampling events on this spreadsheet does not always correspond with the Compliance Monitoring spreadsheet in Appendix 2 that covers all sampling events for the year. This is because City sampling events for issues other than compliance are not included in the Increased Industrial Sampling spreadsheet. In some cases, the City or the industry tested for additional parameters during a required or scheduled sampling event. In this case, the additional sampling performed column has been left blank and only the tests are listed. Required industrial resamples following violations are not included on any of the spreadsheets. Separate spreadsheets are included for significant industrial users and non-significant industrial users. The Increased Industrial Sampling spreadsheet also includes a Notes section. In this section, formal changes in sampling frequency are described. These are instances where the industrial user's permit or the City's SOP for an industrial user was changed to increase the frequency of testing for a parameter of concern.

While not required to report on non-significant industrial users, the City has always included this information in the Annual Report. All non-significant industrial users were sampled by the City during the year, except Perception and Ultra Wash of Philadelphia. Perception is scheduled for semiannual sampling by the City. This is a groundwater remediation system. The system was taken out of service on April 7, 2009. It is likely that the system will not be put back in operation. The permit expires on September 30, 2011. Ultra Wash of Philadelphia is permitted for possible batch discharge only and therefore monitoring by the City is not planned. Getty Petroleum Marketing, a groundwater remediation system, is scheduled for semiannual sampling by the City. The City conducted one sampling event in the first half of the year. The system was taken out of service on July 8, 2010. City sampling of non-significant users varies from quarterly to annually with the exception of Ultra Wash of Philadelphia.

Non-significant users are required to submit self-monitoring reports at varying frequencies but not less than once a year. Ultra Wash of Philadelphia is required to report quarterly on whether there has been a discharge to the sewer system. All non-significant industrial users submitted all required self-monitoring reports during the year. Perception is required to test and report quarterly. No reports were submitted in 2010 because the groundwater remediation system was taken out of service on April 7, 2009. Getty Petroleum Marketing submitted two self-monitoring reports for the year because this groundwater remediation system was taken out of service on July 8, 2010. This company is required to report quarterly.

No non-significant industrial users were cited for Failure to Report or Failure to Resample.

III – Significant Industrial User Compliance

List of significant users in SNC anytime in 2010

An explanation of the individual facilities, both significant and non-significant, in SNC during the reporting year follows below. The number of SIUs in SNC at any time during the calendar year was 8. The number of SIUs in SNC for the July to December Period (fourth quarter) was 4. 5 of the 8 SIUs that were in SNC during the calendar year were in SNC for one quarter only. Of these 5 SIUs, 3 were in SNC for Failure to Report or Failure to Resample. 3 other SIUs were in SNC for more than one quarter. Two of these companies have already taken measures to solve their non-compliance issues. The City will concentrate efforts with the remaining company in order to solve its non-compliance issues.

The table below summarizes SNC by quarter. The first column shows the number of SIUs in SNC for the quarter. The second column shows the number of SIUs that were also in SNC for the previous quarter. The third column shows the number of new SIUs in SNC (not in SNC in the previous quarter). The fourth column shows the number of SIUs that were in SNC in the previous quarter but were not in SNC for the current quarter (returned to compliance or inconsistent noncompliance).

2010	SNC	SIUs in Repeat SNC	New SIU in SNC	SIUs that Returned to Compliance
1st quarter	6	3	3	1
2nd quarter	1	1	0	5
3rd quarter	2	1	1	0
4th quarter	4	1	3	1

The table below shows the compliance status of the SIUs by quarter for the 2010 year. The number of SIUs in the first column had no violations for the quarter. The number of SIUs in the second column had violations that did not result in SNC. The number of SIUs in the third column had violations resulting in SNC.

2010	Compliance	Inconsistent Noncompliance	SNC
1st quarter	21	7	6
2nd quarter	26	7	1
3rd quarter	25	7	2
4th quarter	22	8	4

These facilities are the *significant users* that were in SNC for the year.

Cloister Car Wash and Lube 2009
Nature of violation:

1st Quarter – TRC violation of the zinc limit listed in its permit

Actions planned and current compliance status:

The violations were traced to the wheel cleaner used. The company previously tried different formulations that would continue to maintain a high quality cleaning. The company installed a 300 gallon tank in the trench drain in the automatic car wash under the wheel wash section. Wastewater from this tank is pumped to the control/equipment room where it is filtered and then discharged back to the trench drain. In addition, this tank under the wheel wash section is pumped out regularly by a local contractor. The company returned to compliance in the first quarter and was also in compliance at the end of the year. The industry and the City both sample quarterly for zinc. Due to past violations, the fine for any zinc violation was escalated to $500 per occurrence in the first quarter, in accordance with the City's Penalty Escalation Policy.

Clover Farms Dairy 2009
Nature of violations:

1st Quarter – TRC and chronic violation of the oil/grease (HEM) limit listed in its permit
2nd Quarter – TRC and chronic violation of the oil/grease (HEM) limit listed in its permit
3rd Quarter – TRC and chronic violation of the oil/grease (HEM) limit listed in its permit
4th Quarter – TRC and chronic violation of the oil/grease (HEM) limit listed in its permit

Actions planned and current compliance status:

A Consent Agreement with Clover Farms Dairy terminated on July 31, 2008. The agreement was for compliance with the oil and grease and pH limits in its permit. The company hired a consulting firm to work on the compliance issues. At the request of this firm, the agreement was written with two pathways to achieve compliance. These alternatives were equalization and pH adjustment or DAF technology. Each alternative had a separate termination date to achieve compliance. Segregation and hauling of wastewater high in oil and grease along with equalization and pH adjustment of the majority of the wastewater was chosen. The final compliance date for this approach was July 31, 2008. This Consent Agreement was signed on December 29, 2006.

The construction of this system did not return the company to compliance. It is possible that the sampling and testing studies conducted by the consulting firm were inaccurate. The design plans were based on these studies. The company continued its effort to divert additional waste streams to the segregation tank. Company engineers also made a number of modifications to the original system. None of these efforts were successful. In 2009 the company hired another engineering firm to design a building and DAF system. Subsequently, it hired a second firm to work on land development and zoning approvals from the township in which the company is located. The company has been meeting with township officials, the Planning Commission, and the Zoning Hearing Board. The City expected to write another Consent Order or Agreement in 2010 after the company had a better idea of how long the approvals would take and if there are any major impediments. Township approvals were responsible for some of the delays during the Consent Agreement. However, the company has not yet communicated with the City concerning a time schedule for completion of the project. The City continues to make contact with the company concerning its progress.

Prior to signing the Consent Agreement, the fine schedule was $1500 per occurrence for an oil and grease violation. For the duration of the Consent Agreement, the fine for any oil and grease violation was set at $500 per occurrence. Beginning with the first quarter of 2009, the fine for any oil and grease violation was escalated in accordance with the City's Penalty Escalation Policy. The fine went from $500 to $1000 per occurrence in the first quarter of 2009. Since that time there were three additional escalations per occurrence. In the third quarter of 2009, the fine was increased to $1500. In the first quarter of 2010, the fine was increased to $2000. In the third quarter of 2010, the fine was increased to $2500. The fine will be escalated in the first quarter of 2011 to $3000 per occurrence. The City and the company are testing monthly for oil and grease.

Crescent Brass Manufacturing Corporation 2009

Nature of violation:

4th Quarter – Failure to Report

Actions planned and current compliance status:

The sampling and testing data for the third quarter of 2010 was not submitted by the due date of October 31st, 2010 with the signature of the authorized representative. The data was submitted by the company's consultant who is resistant to the requirements of the Pretreatment Program and insists that the company should not be in the Pretreatment Program. He further insists that he will represent the company in all matters. In letters sent to the authorized representative of the company dated November 1, November 5, and November 18, 2010 the City asked for the resubmission of the data with the proper format and signature of the authorized representative. The requirements of the program and the consequences were explained in the letters, including the definition of authorized representative under the Pretreatment Regulations. The company did not respond to any of the letters and the reports were never resubmitted. Due to the lack of response by the company officials and the amount of time that has passed, the City does not expect these reports to be submitted as requested.

A meeting was held with the company's consultant in February 2011 at which time the consultant presented his appeal for relief from the permit. The City did not find his reasons acceptable but expects him to pursue the request. The company's permit expires on September 30, 2011. The consultant stated that if the permit is not terminated before this date, he expects it to terminate on this date. Therefore the City does not expect, at this point in time, that a permit reapplication will be filed. The company also resisted the City's attempt to conduct an inspection in 2010 but complied after an administrative compliance order was issued to provide access to the facility. The consultant has stated that he does not intend to cooperate with the City and the company's authorized representatives have been non-responsive.

Exide Technologies – Reading Recycling 2009

Nature of violations:

1st Quarter – TRC and chronic violation of the copper limit listed in its permit

4th Quarter – TRC and chronic violation of the copper limit listed in its permit

4th Quarter – TRC violation of the zinc limit listed in its permit

Actions planned and current compliance status:

SNC status for the first quarter is based on a violation in the one sampling event for copper conducted for the six month period beginning October 2009. The violation occurred in the first quarter on a City sampling event. The company returned to compliance in the next sampling

event which was a self-monitoring event conducted in the second quarter but intermittent violations continued. There was a fire in the building in May 2009 resulting in structural damage. The building was taken out of service and therefore there was no wastewater discharge until the building was returned to use at the end of November 2009. Employees were directed to bathrooms and showers in other Exide buildings in the complex. After the building was returned to use in November 2009, the locker room, shower room and bathrooms were set up for contractors only. However, the possibility of employees still using the bathrooms has to be considered. The discharge from the building is sanitary only and does not include the shower water. There is no industrial discharge. The company installed a filter for the discharge from the building and was considering a more sophisticated filtering system to remain in compliance.
Due to the violations that occurred in the fourth quarter, resulting in SNC, the company investigated other potential sources of discharge to the sampling point. The company found another bathroom facility with a floor drain and showers that discharged to the sampling point. This bathroom was taken out of service. All fixtures were removed and the drains were sealed shut. Since this occurred in the month of December, additional sampling was not conducted in 2010. The company returned to compliance for copper in a testing conducted in January 2011 but testing for zinc has not yet been conducted. The City samples for metals of concern on a quarterly basis. Testing in 2011 will determine if this second bathroom was the cause of the violations and the company will then make a final decision on whether any bathrooms will be kept in the building. Based on the history of this facility, the City feels there is a strong possibility that the company has found the source of the problem.

National/Yorgey's Cleaners 2009
Nature of violation:

1st Quarter – Failure to Resample

Actions planned and current compliance status:
The company failed to resample and report within 30 days following an oil and grease violation in December 2009. The resample was performed in February and submitted to the City. The resample was in compliance. The resample was not performed in a timely manner due to personnel issues that were resolved.

Orograin Manufacturing Bakeries 2009
Nature of violations:

1st Quarter – Failure to Resample at outfall 002

3rd Quarter – TRC violation of the zinc limit listed in its permit at outfall 002

Actions planned and current compliance status:
The company failed to resample and report within 30 days following a zinc violation in February at outfall 002. The resample was performed in March and submitted to the City. The resample was in compliance. This company is required by permit to perform two resamples every time there is a violation of a permit limit. Due to the fact that resamples were not performed in a timely manner a number of times in 2009, the fine for this Failure to Resample was escalated from $500 to $1000. There were no other violations on self-monitoring testing for the rest of the year.
A low pH at the time of some of the zinc violations led the company into an investigation of its CIP systems. Both acid and alkali are used in the systems and the chemicals are neutralized prior to discharge to the sewer. The monitoring system for two of the CIP systems was modified.

Flow detectors in the chemical feed lines were added to insure that the chemicals are being pumped. The acid cleaner has a color. A coloring agent is being added to the alkali cleaner so that visual observation of the chemical flow is also possible. One of the violations that occurred in the third quarter was attributed to flushing of the sprinkler system. This was done several times during the month while valves and sprinkler heads were being replaced. The water in the sprinkler system was tested for zinc and the result was close to the company's local limit for zinc. The company returned to compliance with no violations in the fourth quarter. Five tests for zinc were done in the fourth quarter including four tests by the company. These four tests were voluntary – not required by its permit – and were done on four consecutive days. The City tests quarterly for zinc and the company tests semiannually. Beginning with the first quarter of 2010, the fine for any zinc violation was escalated from $100 to $250 per occurrence, in accordance with the City's Penalty Escalation Policy.

Termaco USA, Inc. 2009
Nature of violations:

4th Quarter – TRC and chronic violation of the phenols limit listed in its permit

Actions planned and current compliance status:
SNC for phenols is based on a violation on the one sampling event for phenols conducted during the second half of the year. The company will look into emptying the cleaning tank solution more frequently to avoid a concentration of pollutants in this tank from the oil on the sheet metal used in fabrication. Although the cleaning tank solution is hauled off site for disposal, there would be carry over to the rinse water tanks which discharge to the sewer. Since this test was conducted in the fourth quarter of the year, additional testing was not conducted and the company did not return to compliance by the end of the year. The company returned to compliance for phenols in a testing conducted in February 2011. In 2010 phenols testing for both self-monitoring and City testing was increased from once to twice a year. This was done in the IU's permit and the City's sampling SOP. The City will increase the monitoring frequency again in 2011 if this is necessary to monitor and maintain compliance.

Yuasa Battery, Inc.
Nature of violation:

1st Quarter – Failure to Resample at outfall 002

Actions planned and current compliance status:
The company failed to resample and report within 30 days following a pH violation in February 2010 at outfall 002. The resample was performed in May and submitted to the City. The resample was in compliance. The resample was not performed in a timely manner due to personnel issues that were resolved.

The following facilities are *non-significant users* in SNC for the year.

Paragon Optical Company
Nature of violations:

1st Quarter – TRC and chronic violation of the copper limit listed in its permit
1st Quarter – TRC violation of the lead limit listed in its permit
2nd Quarter – TRC violation of the copper limit listed in its permit
3rd Quarter – TRC violation of the copper limit listed in its permit

4th Quarter – TRC violation of the copper limit listed in its permit

Actions planned and current compliance status:

The company did not have metals violations for three years. Violations began in the fourth quarter of 2009. The company is monitoring the discharge and cleanouts of the solids retention sump more closely. The company returned to compliance for lead in the second quarter and was also in compliance for lead at the end of the year. The company returned to compliance for copper in the fourth quarter in the two sampling events conducted during that quarter. One was a City testing and one was a self-monitoring. SNC for copper in the fourth quarter is based on a violation on the one sampling event conducted in the third quarter. The City monitors for metals of concern on a quarterly basis and will increase the monitoring frequency if necessary.

Unique Pretzel Bakery

Nature of violations:

2nd Quarter – TRC and chronic violation of the zinc limit listed in its permit

3rd Quarter – TRC and chronic violation of the zinc limit listed in its permit

Actions planned and current compliance status:

SNC for zinc is based on a violation on the one sampling event for zinc conducted in the second quarter of the year. This was also the only sampling event for zinc conducted during the first half of the year. The company determined the cause of the violation and corrected the problem. SNC for zinc in the third quarter is based on the violation on the one sampling event conducted in the second quarter. Due to the nature of the business, sampling can only be conducted four times a year when the tanks are discharged to the sewer. These discharges are coordinated so that the company can perform two self-monitoring tests and the City can perform two tests each year. The company returned to compliance for zinc in the sampling event conducted in the fourth quarter.

Repeat SNC from the Prior Year

Industrial Users that were in SNC for this reporting year that were also in SNC for the previous reporting period are found in **Appendix 4**. This appendix also lists the parameter or reason for the industrial user being in SNC for both years. Two of the industries that did not return to compliance by the end of 2010 are expected to return to compliance or have already returned to compliance in the first quarter of 2011. This is based on the corrective actions taken by the industries. This is described in Part III above for each of the significant users. The industries did not return to compliance by the end of 2010 because of violations that occurred late in the year. These industries are Exide Technologies and Termaco USA.

Compliance Schedules

There are no significant users on a formal compliance schedule as of the end of 2010. A Consent Order or Consent Agreement is planned for Clover Farms Dairy. In 2009, the company hired a firm to work on land development and zoning approvals. The company held meetings in 2010 with the Planning Commission and the Zoning Hearing Board in its local municipality. The City has been in contact with the company throughout the 2010 year to check on their progress. The City expected to write another Consent Agreement in 2010 after the company had a better idea of how long the approvals would take and if there are any major impediments. Township approvals were responsible for some of the delays during the previous Consent Agreement. However, the company has not yet communicated with the City concerning a time

schedule for completion of the project so that reasonable milestone dates can be incorporated in the compliance schedule. The City had discussions with Dietrich's Milk Products in 2010 in regard to a Consent Agreement. Although this company has not been in SNC since 2006, their penalty for any oil and grease violation was $4000 per occurrence throughout the 2010 year. The penalty had been escalated numerous times over the years in accordance with the City's Penalty Escalation Policy. This has been a factor in the company's decision to install a DAF pretreatment system. It is expected that a Consent Agreement will be signed with this company in 2011.

There are no significant users on compliance schedules that are in writing but are not considered "formal".

Newspaper Listing

The significant users in significant non-compliance at any time during the reporting year are found in the newspaper listing attached as **Appendix 5**. The City used the rolling six-month time frame as required by 40 CFR 403.8 (f)(2)(viii) and reported all significant violators on a quarterly basis.

IV – Enforcement Actions

Appendix 6 provides a list of the following for both significant and non-significant industrial users:
Notices of violation
Number and nature of violations
Compliance orders
Total penalties assessed in 2010 and the reasons for the penalties

The City issued 103 Notices of Violation for 2010. This is a decrease from the 120 NOVs reported for the 2009 year. This is the lowest number of NOVs issued for a calendar year in over 7 years. It is attributed to the issuance of Consent Agreements in 2006 and 2007 but also working informally but aggressively with other industries having compliance issues in order to seek solutions prior to the necessity of a Consent Agreement. Another major factor is the City's Penalty Escalation Policy. Under this program, the penalty is escalated after two consecutive quarters with one or more TRC violations for the same parameter. The penalty escalates again after two more consecutive quarters with one or more TRC violations for the same parameter. If there is a quarter without a violation, the penalty remains at the same level for the next two quarters. The penalty returns to the base amount after four consecutive quarters without a violation for the parameter in question. Although there are some industries that are still having penalties escalated, others have been able to return to the base amount through continued compliance. The penalty escalation program has also been a positive factor in working with industries to enter into a Consent Agreement. The penalty escalation program has been in effect since 2003.

An administrative compliance order (enforceable compliance schedule) was issued to Crescent Brass Corporation on November 8, 2010. The company's consultant was resistant to attempts to

schedule the annual on site inspection. The company asked the City to make these arrangements through this consultant. The company's consultant wanted to delay the inspection until after he had a meeting with City officials to request removal from the Pretreatment Program and cancellation of the permit. It was explained that an inspection was mandatory for any industry with an active permit for any part of the year. Finally the City set a date of November 8 for the inspection and sent this date to the company's authorized representative. The authorized representative returned a response in which she said that no one, including herself, would be present on the scheduled day. She further referred the City back to the consultant to reschedule. A decision was made to follow through on the inspection on the planned date. The company's authorized representative was present on the day. She stated that no pretreatment files were in the facility. They had all been removed by the consultant. She accompanied the City representative on a tour of the facility. Since a lack of cooperation was expected, the signed administrative compliance order was already prepared and in the hands of the inspector at the time of the inspection. The company' authorized representative was told about the administrative compliance order and its contents. Since entry was not denied, as was anticipated, the company's authorized representative was told that the order would be mailed which would allow her a few extra days to comply. The administrative compliance order stated that within 5 working days the company must provide timely access to the facility for the purpose of inspection and provide access to the records required to be maintained for the purpose of determining compliance with Pretreatment Standards and Regulations. The company's authorized representative contacted the City after receipt of the administrative compliance order to set up the inspection date. The inspector met with the company's consultant on November 17, 2010 to complete the inspection and review the records which were all on site on that date. Crescent Brass Corporation complied with the requirements of the administrative compliance order.

As discussed in Part A. III – Significant Industrial User Compliance, the City expected to take formal action against Clover Farms Dairy in 2010 in the form of a Consent Order or Consent Agreement. Approvals from the township in which the facility is located are responsible for the delay. Since the time involved in obtaining these approvals cannot easily be estimated, a compliance schedule is difficult to construct. This should be accomplished in 2011. A Consent Agreement is expected to be signed with Dietrich's Milk Products in 2011. Although the company is not in SNC, the escalation of penalties has prompted the company to pursue pretreatment in the form of a DAF system. This company is also in the process of obtaining approvals from the same township. Once this has been accomplished, a compliance schedule can be written.

All SIUs that had violations were subject to enforcement action by the City. All NOVs issued to SIUs by the City were followed with an administrative penalty during the next billing cycle. The initial penalty schedule is found in **Appendix 6**. A number of facilities have had penalties escalated due to recurring violations for the same parameter which is also detailed therein.

20 significant users were assessed penalties in 2010. Penalties were collected from 27 of the users in 2010. The number of users paying penalties in 2010 is higher than those receiving penalties as a result of the third and fourth quarter 2009 penalties that were issued and paid in 2010. Some industries had violations for 2009 but not in 2010. Penalties are included in the

quarterly industrial waste surcharge bills. Some third quarter 2010 bills were mailed in January 2011. The bills for the fourth quarter of 2010 were mailed out in March 2011 and all payments have not yet been received. Conversely, the City received payments in 2010 for violations occurring and assessed in 2009. A report on the penalty payment status for violations occurring during 2010 is included in **Appendix 7**. Please note that Crescent Brass appears periodically throughout the report. They are required to pay $265.05 monthly for prior years' delinquent fines as a settlement in their bankruptcy. These payments are processed by the Law Department and postings often include multiple months.

The City has been and will continue to investigate errors in the penalty payment and posting. There are some minor payment discrepancies requiring additional research with the Administrative Services Department. Public Works staff has discovered errors with the posting of prior penalties' payments within the software system as well as subsequent corrections not reflected in the reports. This system's data is also transferred to the City's accounting system so the error correction process is critical. The City is working interdepartmentally to resolve this issue for the past and determine how to do ongoing with accurate tracking and reporting in all systems as the goal.

Part B – Pretreatment Developments

I – Summary of POTW Operations

Over the past year, the City has experienced zero process upsets, NPDES permit violations, pass-through events or interferences that could be attributed to industrial waste. The City did not have problems in the collection system that could be attributed to industrial waste.

The ongoing improvements in management, operations and maintenance (MOM) practices during the year continue to make the pump stations and wastewater treatment plant (WWTP) more effective, efficient and reliable.

Following is a list of NPDES excursions not related to industrial waste. Of note, three of the four incidents occurred during routine preventive maintenance and resulted in improved procedures to prevent recurrence.

1. On January 6, 2010, following the installation of a new chlorine regulator, chlorine was not being fed properly. The new regulator was pulling a vacuum and the system appeared normal following the maintenance. A routine chlorine residual check revealed no residual from this regulator. Staff switched to the other chlorination system and implemented additional measures to prevent a recurrence.
2. On August 2, 2010, there was an oil spill in an out of service tertiary clarifier during maintenance and inspection. The spill came from a stand pipe in the bull gear housing that allowed oil to leak into the center column. This oil was removed by staff and a contractor prior to the tank being returned to service.
3. On October 1, 2010 following the prior day's heavy rains, two treatment processes were hydraulically overloaded. The overflows from the primary and final clarifiers were not major and were contained on site. The areas were treated with lime where the storm-diluted wastewater reached the ground.
4. On October 27, 2010, an isolation valve failed to hold while maintaining an air release valve on the 42' force main. The overflow of approximately 66,400 gallons lasted 83 minutes. The City performed site cleanup as well as amending SOPs to prevent a recurrence.

The City is required to perform priority pollutant testing annually. The priority pollutant sampling was conducted for the influent, effluent and biosolids on August 3-4, 2010 along with the quarterly local limits testing. The results of these analyses are included in **Appendix 8.** The Form 43 biosolids sampling was conducted on March 2, 2010 and September 8, 2010. The City is required to perform local limits testing on the influent, effluent, and biosolids on a quarterly basis per the City's NPDES permit. Weekly mercury testing is performed on plant influent points and the plant effluent. The results of these analyses are included in **Appendix 8**.

For biosolids, monthly 503 analyses were performed in 2010. Monthly fecal coliform testing on biosolids was performed in the City's laboratory and the results are summarized in a table. These are included in **Appendix 8.**

Influent, effluent and biosolids data from the quarterly testing (including the priority pollutants testing) and biosolids data from the Form 43 and 503 analyses are summarized in the tables received by e-mail from the EPA. These are included in **Appendix 8.**

Additional testing that the City performed for bis(2-Ethylhexyl)phthalate or semivolatiles on the plant influent points, plant effluent and biosolids is included in **Appendix 8**. This was done on at least a monthly basis.

Biosolids testing for the year did not show the typical higher level of molybdenum in the warmer months for the second year in a row. However, there were higher levels in the months of October and November. The City identified cooling tower chemicals as an important source of this metal. All permittees are required to test for molybdenum at least once a year, and the City tests for molybdenum as well. The City ensures that permits require testing for this metal in the summer months. No major source of molybdenum has been found at any industrial user. The City has been encouraging the elimination of molybdenum containing cooling tower chemicals among its industrial users, non-industrial users and contributing municipalities. All metals in the biosolids meet land application concentration limits except for molybdenum in October and November. There were no maintenance activities performed in those months that would potentially explain the reason for the elevated levels. The City continues to landfill all biosolids from the wastewater treatment plant but would like to be able to consider other disposal options in the future.

No trucked or hauled wastewater or brine waste is accepted at the plant or within the collection system. In 2006, Dietrich's Milk Products began collecting some of its high strength wastewater as part of its program to comply with its oil and grease limit. This is primarily first flushes during equipment cleanup after milk processing. It is transported by Rodney Loeb Septic Service to the Berks County Wastewater Treatment Plant. In 2008, Clover Farms Dairy also began collecting some of its high strength wastewater to control oil and grease discharges. It is transported by Bailey's Septic Service to the Berks County Wastewater Treatment Plant. Documentation on individual waste streams that are collected for off site disposal (i.e. hazardous waste, used oil, sludges) by industrial users is reviewed during facility inspections.

II – Pretreatment Program Changes

During 2010, there were no changes in the legal authority.

The City continues to use both the PreWin commercial software program as well as a custom spreadsheet developed by the Environmental Program Coordinator for tracking compliance. This system of checks and balances ensures that all deadlines, milestones, notices of violation, and significant non-compliance will be accurately reflected and reported.

The WWTP laboratory, which performs conventional analyses for the wastewater treatment plant and industries, received accreditation in January 2008 under Pennsylvania's Chapter 252, Environmental Laboratory Accreditation. The laboratory has maintained its accreditation since that time. A renewal application was submitted in December 2010. Accreditation has been renewed through January 31, 2012. The scope of accreditation is for the following parameters:

BOD, cBOD, TS, TSS, TDS, fecal coliform, ammonia as nitrogen and distillation for ammonia as nitrogen.

In 2010, one of the laboratory technicians took another position with the City. Recruitment was conducted promptly and a replacement was hired. The laboratory is staffed with five laboratory technicians and a laboratory supervisor. One laboratory technician is the primary person performing the industrial sampling. However, the job duties of all of the laboratory technicians include industrial sampling. The other laboratory technicians are cross trained to perform industrial sampling so they are familiar with all of the industrial sites and the sampling points.

III – Miscellaneous Developments

During March 2003, legal counsel for the City was requested by the United States Department of Justice to meet concerning permit violations of the wastewater treatment plant. As a result of this and subsequent meetings, the City of Reading has a Consent Decree with the United Stated Department of Justice, United States Environmental Protection Agency, and Pennsylvania Department of Environmental Protection in order to address past permit violations and to obtain consistent permit compliance for the future. This Consent Decree addresses the wastewater treatment plant, collections system, and industrial pretreatment program. The negotiations for this Consent Decree were completed and the decree executed by all parties in 2004. On December 9, 2004, the US Attorney announced that an agreement had been reached between the parties, and the complaint and decree were lodged with the judge simultaneously. This was subsequently advertised for a thirty-day public comment period which continued into 2005. The Consent Decree was officially signed by the judge and entered on November 7, 2005. This Consent Decree dictates many interim improvements and systems to be implemented while the City embarks on studies of both the WWTP and collection system prior to beginning a capital improvement plan.

For the Consent Decree interim remedial measures, there is the ongoing implementation and refinement of the Environmental Management System, Wet Weather Operations Plan, and the Operations and Maintenance Plan. Additionally, the Plant Influent, Trickling Filter Performance, and Process Control Monitoring are continuing as described in their respective submissions as required.

The long-term remedial measures for the WWTP upgrades, includes the liquid and solid treatment alternatives required by the Consent Decree. Additionally, the collection system has goals to improve mapping, operations, and maintenance through a regimented process leading to system rehabilitation

The City continues to work to improve the wastewater system as a whole and plan for capital improvements. Periodic reports to the regulators and meetings with the regulators document the City's progress and concerns.

Appendix 1
Current Industrial Users

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Appendix 2
Compliance Monitoring Program

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Appendix 3
Increased Industrial Sampling

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Appendix 4
Facilities in SNC for 2010 that were also in SNC for 2009

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Appendix 5
Newspaper Listing of Significant Violators

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Appendix 6
Enforcement Actions

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Appendix 7
Payment Status

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Appendix 8
Annual Priority Pollutant Scans on Plant Influent, Effluent, and Biosolids
Quarterly Influent, Effluent, and Biosolids Sampling
2010 Weekly Mercury Testing at Plant Influent Points and Plant Effluent
Monthly 503 Analysis for Plant Biosolids

APPENDIX 1

CURRENT INDUSTRIAL USERS

SIGNIFICANT INDUSTRIAL USERS 2010
CATEGORICAL INDUSTRIES (10)

Carpenter Technology Corporation - Iron and Steel 101 West Bern Street Reading PA 19601	Mailing Address: P O Box 14662 Reading PA 19612-4662
Crescent Brass Manufacturing-Metal Molding & Casting - Zero Discharge 701 Park Avenue Reading PA 19611	Mailing Address: Same
Hofmann Industries - Metal Finishing 3145 Shillington Road Sinking Spring PA 19608	Mailing Address: Same
Reading Plating and Polishing Works - Electroplating 1833 Cotton Street Reading PA 19606	Mailing Address: 1839 Cotton Street Reading PA 19606
Reading Truck Body - Metal Finishing 201 Hanover Blvd. Reading PA 19611	Mailing Address: Same
Sealed Air Corporation - Pulp and Paper 450 Riverfront Drive Reading PA 19602	Mailing Address: Same
Summit Steel and Manufacturing - Metal Finishing 1005 Patriot Parkway Reading PA 19605	Mailing Address: P O Box 14295 Reading PA 19612
Termaco USA - Metal Finishing 171 Tuckerton Road Reading PA 19605	Mailing Address: Same
United Corrstack - Pulp and Paper 720 Laurel Street Reading PA 19602	Mailing Address: Same
Yuasa Inc - Battery Manufacturing 2901 Montrose Ave Laureldale PA 19605	Mailing Address: Same

SIGNIFICANT INDUSTRIAL USERS 2010
NON-CATEGORICAL INDUSTRIES (24)

Akzo Nobel Coatings 159 Columbia Avenue Reading PA 19601	Mailing Address: Same
Aramark Uniform Services 424 Blair Avenue Reading PA 19601	Mailing Address: P O Box 15166 Reading PA 19612-5166
The Bachman Company 51 Spring Valley Road Reading PA 19605	Mailing Address: P O Box 15053 Reading PA 19612-5053
Berks Packing Company 307-323 Bingaman Street Reading PA 19602	Mailing Address: P O Box 5919 Reading PA 19610-5919
Cloister Car Wash and Lube 1 Cloister Court Sinking Spring PA 19608	Mailing Address: 814 Dawn Avenue Ephrata PA 17522
Clover Farms Dairy 3300 Pottsville Pike Reading PA 19605	Mailing Address: P O Box 14627 Reading PA 19612-4627
Cryovac, Inc. Food Packaging Division 177 Tuckerton Road Reading PA 19605	Mailing Address: P O Box 295 Reading PA 19603
Dietrich's Milk Products 100 McKinley Avenue Reading PA 19605	Mailing Address: Same
Evergreen Community Power 800 South Street Reading PA 19602	Mailing Address: Same

Exide Technologies Plant One Spring Valley Road & Nolan Street Laureldale PA 19605	Mailing Address: P O Box 13995 Reading PA 19612-3995
Plant Two Spring Valley Road & Montrose Avenue Laureldale PA 19605	Mailing Address: P O Box 13995 Reading PA 19612-3995
Reading Recycling Spring Valley Road & Nolan Street Reading PA 19605	Mailing Address: P O Box 14294 Reading PA 19612-4294
IFS Industries Inc. 400 Orrton Avenue Reading PA 19611	Mailing Address: P O Box 1053 Reading PA 19603
Interstate Container LLC. 100 Grace Street Reading PA 19611	Mailing Address: Same
Lentz Milling 2045 N 11th Street Reading PA 19604	Mailing Address: P O Box 13159 Reading PA 19612
National/Yorgey's Cleaners 1700 Fairview Street Reading PA 19606	Mailing Address: Same
Orograin Manufacturing Bakeries 640 Park Avenue Reading PA 19611	Mailing Address: Same
Prizer Works 600 Arlington Street Reading PA 19611	Mailing Address: P O Box 1053 Reading PA 19603
Quadrant EPP USA, Inc. 2120 Fairmont Avenue Reading PA 19605	Mailing Address: P O Box 14235 Reading PA 19612-4235
Quaker Maid Meats 520 & 521 Carroll Street 650 Morgantown Road Reading PA 19611	Mailing Address: P O Box 350 Shillington PA 19607-0350
Reading Eagle 345 Penn Street Reading PA 19601	Mailing Address: P O Box 582 Reading PA 19603

Reitech Corporation
3146 Marion Street
Laureldale PA 19605

Mailing Address:
Same

St Joseph Medical Center-Downtown
145 N 6th Street
Reading PA 19601

Mailing Address:
P O Box 316
Reading PA 19603

Sun Rich Fresh Foods
425 Gateway Drive
Reading PA 19601

Mailing Address:
Same

Sweet Street Desserts
722 Hiester's Lane
Reading PA 19605

Mailing Address:
P O Box 15127
Reading PA 19612-5127

Tom Sturgis Pretzels
2267 Lancaster Pike
Reading PA 19607

Mailing Address:
Same

2010 NON-SIGNIFICANT INDUSTRIES (14)

Air Liquide 2500 N 11th Street Reading PA 19605	Mailing Address: P O Box 13577 Reading PA 19612-3577
Diesel Service, Inc. 150 Lehigh Street Reading PA 19601	Mailing Address: P O Box 14325 Reading PA 19612-4325
Getty Petroleum Marketing, Inc. 839 Fern Avenue Kenhorst PA 19611	Mailing Address: c/o Tyree Company 2702 Cindel Drive Suite 7 Cinnaminson NJ 08077
NGK Metals Corporation 150 Tuckerton Road Temple PA 19560	Mailing Address: 917 US Highway 11 South Sweetwater TN 37874
Paragon Optical 644-658 S 7th Street Reading PA 19602	Mailing Address: 658 S 7th Street Reading PA 19602
Pennsylvania Truck Centers 4226 Pottsville Pike Reading PA 19605	Mailing Address: P O Box 13337 Reading PA 19612-3337
Penske Truck Leasing 255 Penske Plaza Reading PA 19602	Mailing Address: P O Box 7635 Reading PA 19603-7635
Perception 110 Revere Blvd Reading PA 19609	Mailing Address: c/o MEA Inc. 1365 Ackermanville Road Bangor PA 18013
Remcon Plastics 208 Chestnut Street Reading PA 19602	Mailing Address: Same
Rohm & Haas Chemicals LLC-R&D Lab 3 Commerce Drive Reading PA 19607	Mailing Address: Same

Ultra Wash of Philadelphia
1619 N 9th Street
Reading PA 19604

Mailing Address:
P O Box 1130
North Cape May NJ 08204

Unique Pretzel Bakery
215 E. Bellevue Avenue
Reading PA 19605

Mailing Address:
Same

Van Bennett Food Company
101 N Carroll Street
Reading PA 19611

Mailing Address:
Same

WORLD electronics
3000 Kutztown Road
Reading PA 19605

Mailing Address:
Same

APPENDIX 2

COMPLIANCE MONITORING PROGRAM

2010 COMPLIANCE MONITORING PROGRAM

Significant Industrial Users

Industry Name	Control Document		Inspection and Sampling Frequency					
			Inspections		Sampling Visits		Self-Monitoring	
	Issuance Date	Expiration Date	Performed	Proposed	Performed	Proposed	Performed	Required
Akzo Nobel Coatings	June 1, 2010	March 31, 2012	1	1	12	12	12	12
Aramark Uniform Services	July 1, 2010	June 30, 2013	1	1	4	4	12	12
The Bachman Company	January 1, 2009	December 31, 2011	1	1	4	4	4	4
Berks Packing Company	January 1, 2010	December 31, 2012	1	1	8	4	16	12
Carpenter Technology	October 1, 2009	September 30, 2012	1	1	4	4	4	4
Cloister Car Wash and Lube	July 1, 2009	June 30, 2012	1	1	4	4	4	4
Clover Farms Dairy	October 1, 2009	September 30, 2012	1	1	15	12	12	12
Crescent Brass Manufacturing	October 1, 2008	September 30, 2011	1	1	4	1	3	2
Cryovac Food Packaging Division	April 1, 2010	March 31, 2013	1	1	2	2	2	2
Dietrich's Milk Products	April 1, 2008	March 31, 2011	1	1	12	12	12	12
Evergreen Community Power	September 1, 2008	September 30, 2011	1	1	4	4	2	2
Exide Technologies - Plant One	January 1, 2009	December 31, 2011	1	1	2	4	5	4
Plant Two	January 1, 2009	December 31, 2011	1	1	5	4	2	2
Reading Recycling	January 1, 2009	December 31, 2011	1	1	7	4	4	4
Hofmann Industries	April 1, 2009	March 31, 2012	1	1	2	2	11	4
IFS Industries (International Foundry Supply)	October 1, 2008	September 30, 2011	1	1	12	12	12	12
Interstate Container	October 1, 2010	September 30, 2013	1	1	4	4	4	4
Lentz Milling	July 1, 2010	June 30, 2013	1	1	3	2	4	4
National/Yorgey's Cleaners	January 1, 2009	December 31, 2011	1	1	4	4	2	2
Orograin Manufacturing Bakeries	April 1, 2010	June 30, 2011	1	1	8	4	6	2
Prizer Works	July 1, 2008	June 30, 2011	1	1	4	4	4	4
Quadrant EEP USA	April 1, 2009	March 31, 2012	1	1	1	1	2	2
Quaker Maid Meats	October 1, 2009	September 30, 2012	1	1	4	4	4	4
Reading Eagle Company	July 1, 2010	December 31, 2011	1	1	2	2	2	2
Reading Plating & Polishing Works	July 1, 2008	June 30, 2011	1	1	4	4	4	4
Reading Truck Body	October 1, 2010	September 30, 2013	1	1	4	4	12	12
Reitech Corporation	October 1, 2010	September 30, 2013	1	1	2	2	2	2
Sealed Air Corporation	January 1, 2010	December 31, 2012	1	1	14	12	53	52
St Joseph Medical Center Downtown	April 1, 2010	March 31, 2013	1	1	6	4	14	12
Summit Steel and Manufacturing	October 1, 2009	September 30, 2012	1	1	1	1	0	0
Sun Rich Fresh Foods	January 1, 2011	December 31, 2013	1	1	12	12	12	12

2010 COMPLIANCE MONITORING PROGRAM

Significant Industrial Users

Industry Name	Control Document		Inspection and Sampling Frequency					
			Inspections		Sampling Visits		Self-Monitoring	
	Issuance Date	Expiration Date	Performed	Proposed	Performed	Proposed	Performed	Required
Sweet Street Desserts	April 1, 2009	March 31, 2012	1	1	4	4	7	4
Termaco USA	July 1, 2010	June 30, 2011	1	1	5	2	4	4
Tom Sturgis Pretzels	January 1, 2009	December 31, 2011	1	1	4	4	4	4
United Corrstack	October 1, 2010	September 30, 2013	1	1	13	12	12	12
Yuasa Battery	April 1, 2009	March 31, 2012	1	1	4	4	4	4
		Total	**36**	**36**	**204**	**179**	**273**	**250**

NOTES:

Akzo Nobel Coatings: A two year permit was issued, effective April 1, 2010, to Rohm and Haas Powder Coatings. The permit was reissued, effective June 1, 2010, to Akzo Nobel Coatings due to a change in ownership. There was no change in operations or authorized representatives. The expiration date of the permit was not changed.

Orograin Manufacturing Bakeries: The permit for Stroehmann Bakeries was reissued, effective April 1, 2010, to Orograin Manufacturing Bakeries. There was a change in ownership in 2009. The new owners decided to operate the facility under the name of Orograin Manufacturing Bakeries. There was no change in operations or authorized representatives. The expiration date of the permit was not changed.

Reading Eagle Company: The permit was modified and reissued, effective July 1, 2010. It was modified to eliminate self-monitoring at the original outfall because it no longer receives routine process wastewater. The expiration date of the permit was not changed.

2010 COMPLIANCE MONITORING PROGRAM

Non-Significant Industrial Users

Industry Name	Control Document		Inspection and Sampling Frequency					
			Inspections		Sampling Visits		Self-Monitoring	
	Issuance Date	Expiration Date	Performed	Proposed	Performed	Proposed	Performed	Required
Air Liquide	July 1, 2009	June 30, 2012	0	0	1	1	2	2
Diesel Service	October 1, 2008	September 30, 2011	0	0	4	4	2	2
Getty Petroleum Marketing	October 1, 2008	September 30, 2011	0	0	1	2	2	2
NGK Metals Corporation	April 1, 2009	March 31, 2012	0	0	4	4	2	2
Paragon Optical	January 1, 2010	December 31, 2012	0	0	5	4	2	2
Pennsylvania Truck Centers	October 1, 2008	September 30, 2011	0	0	4	4	2	2
Penske Truck Leasing	January 1, 2009	December 31, 2011	0	0	6	4	4	4
Perception	October 1, 2008	September 30, 2011	0	0	0	0	0	0
Remcon Plastics	April 1, 2008	March 31, 2011	0	0	3	1	2	1
Rohm & Haas Chemicals LLC - R&D Lab	July 1, 2009	June 30, 2012	0	0	1	1	1	1
Ultra Wash of Philadelphia	April 1, 2010	March 31, 2013	0	0	0	0	4	4
Unique Pretzel Bakery	October 1, 2009	September 30, 2012	0	0	2	2	2	2
Van Bennett Food Company	October 1, 2009	September 30, 2012	0	0	2	2	4	4
WORLD electronics	January 1, 2011	December 31, 2013	0	0	3	2	2	2
		Total	**0**	**0**	**36**	**31**	**31**	**30**

NOTES:

Neversink Brewery: The company discontinued operations on December 31, 2009. The permit for this company expires on June 30, 2011. The company requested cancellation of its permit. The City did not grant the request. The City first wants to insure that all industrial waste surcharge bills, administrative fines and other fees associated with the permit have been paid.

APPENDIX 3

INCREASED INDUSTRIAL SAMPLING

INCREASED INDUSTRIAL SAMPLING FOR 2010

INDUSTRY (SIU)	Additional City Sampling Performed	Parameters Tested	Number of Extra Tests	Additional Self Monitoring Sampling Performed	Parameters Tested	Number of Extra Tests
Akzo Nobel Coatings						
Aramark Uniform Services						
The Bachman Company						
Berks Packing Company	1	oil/grease (HEM)	1	4	oil/grease (HEM)	4
	3	pH, oil/grease (HEM)	3			
Carpenter Technology						
Cloister Car Wash and Lube						
Clover Farms Dairy	3	pH, oil/grease (HEM)	3			
Crescent Brass Manufacturing	2	O/G (HEM,SGT-HEM)	2			
	1	O/G (HEM,SGT-HEM)	1			
		As, Cd, Cr, Cu, Pb, Hg,	1			
		Mo, Ni, Ag, Zn	1			
Cryovac Food Packaging Division						
Dietrich's Milk Products						
Evergreen Community Power						
Exide - Plant One				1	pH	1
- Plant Two						
- Reading Recycling	1	copper	1		copper	1
	1	pH, O/G (HEM,SGT-HEM)	1			
	1	copper, zinc	1			
Hofmann Industries				7	chromium, zinc	7
IFS Industries						
Interstate Container						
Lentz Milling						
National/Yorgey's Cleaners						
Orograin Bakeries outfall 002	3	zinc	3	4	zinc	4
Prizer Works						
Quadrant EPP USA						
Quaker Maid Meats outfall 003						
outfall 004						
Reading Eagle Company						
Reading Plating & Polishing Works						
Reading Truck Body						
Reitech Corporation						

INCREASED INDUSTRIAL SAMPLING FOR 2010

INDUSTRY (SIU)	Additional City Sampling Performed	Parameters Tested	Number of Extra Tests	Additional Self Monitoring Sampling Performed	Parameters Tested	Number of Extra Tests
Sealed Air Corporation						
St Joseph Downtown-outfall 005	2	mercury	2	1	mercury, silver	1
				1	oil/grease (HEM,SGT-HEM)	1
Summit Steel and Manufacturing						
Sun Rich Fresh Foods						
Sweet Street Desserts				3	oil/grease (HEM)	3
Termaco USA	3	phenolics	3			
Tom Sturgis Pretzels						
United Corrstack					oil/grease (HEM,SGT-HEM)	8
Yuasa Battery						

NOTES:

Aramark Uniform Services A three year permit, effective July 1, 2010, was issued. There were no changes to the testing requirements in this permit. The SOP for City testing was changed, effective the third quarter of 2010, to add annual testing for VOC.

Reading Eagle Company The permit was modified and reissued, effective July 1, 2010, to eliminate testing at outfall 001. There is no longer any routine process discharge to this outfall. The SOP for City testing was changed, effective the third quarter of 2010, to eliminate testing at outfall 001 and to increase testing for phenols from once to twice per year at outfall 002.

Reitech Corporation A three year permit, effective October 1, 2010, was issued. The permit added testing for free cyanide twice per year, beginning April 2011. The SOP for City testing was changed, effective the first quarter of 2011, to add testing for free cyanide twice per year.

St Joseph Med Ctr - Downtown A 3 year permit, effective April 1, 2010, was issued. The permit eliminated self-monitoring testing at outfall 004. This was based on data review and the fact that this outfall receives only boiler discharges. The requirement for monthly self-monitoring reporting was continued in this permit. The SOP for City sampling was changed, effective 7/1/10, to eliminate testing at outfall 004. Semiannual testing was added at outfall 006 for all parameters. The one non-sanitary discharge to this outfall is from the dental clinic. As a data base is built, it is anticipated that some parameters will be eliminated and the testing schedule will be modified.

Termaco USA A one year permit, effective July 1, 2010, was issued. The permit added testing for free cyanide twice per year and increased testing for phenols from once to twice per year. The SOP for City testing was changed, effective the third quarter of 2010, to add testing for free cyanide twice per year and increase testing for phenols from once to twice per year.

United Corrstack A three year permit, effective October 1, 2010, was issued. The permit added testing for free cyanide twice per year and increased testing for total phenols from once to twice per year. The SOP for City testing was changed, effective the first quarter of 2011, to add testing for free cyanide twice per year and to increase testing for total phenols and total cyanide from once to twice per year.

INCREASED INDUSTRIAL SAMPLING FOR 2010

INDUSTRY (non-SIU)	Additional City Sampling Performed	Parameters Tested	Number of Extra Tests	Additional Self Monitoring Sampling Performed	Parameters Tested	Number of Extra Tests
Air Liquide						
Diesel Service						
Getty Petroleum Marketing						
NGK Metals Corporation						
Paragon Optical	1	arsenic, copper, lead, zinc	1			
Pennsylvania Truck Centers						
Penske Truck Leasing	2	zinc	2			
Perception						
Remcon Plastics	1	zinc	1	1	zinc	1
Rohm and Haas - R&D Lab						
Ultra Wash of Philadelphia						
Unique Pretzel Bakery		zinc	1			
Van Bennett Food Company						
WORLD electronics						

NOTES:

Ultra Wash of Philadelphia A 3 year permit, effective April 1, 2010, was issued. The permit added the condition that the City may inspect the solids settling pit and require documentation of the cleaning of the pit with the next self-monitoring report.

WORLD electronics A three year permit, effective January 1, 2011, was issued. No changes were made to the testing requirements in this permit. However, the SOP for City testing was changed, effective the first quarter of 2011, to add testing for free cyanide twice per year and to increase testing for total cyanide, total phenols and lead from once to twice per year.

APPENDIX 4

FACILITIES IN SNC FOR 2010
THAT WERE ALSO IN SNC FOR 2009

Significant Industrial Users in SNC for 2010 that were also in SNC for 2009

Facility	Reason for Significant Non-Compliance 2009	2010	Status at the end of 2010
Cloister Car Wash & Lube	TRC: zinc	TRC: zinc	Compliance
Clover Farms Dairy	TRC & chronic: oil & grease (HEM)	TRC & chronic: oil & grease (HEM)	SNC
Crescent Brass	TRC: copper TRC: mercury	Failure to Report	SNC
Exide Technologies- Reading Recycling	TRC: oil & grease (HEM)	TRC & chronic: copper TRC: zinc	SNC SNC
National/Yorgey's Cleaners	TRC & chronic: oil & grease (HEM) TRC & chronic: oil & grease (SGT-HEM) Chronic: pH	Failure to Resample	Compliance
Orograin Bakeries	Failure to Resample TRC: zinc TRC: oil & grease (HEM)	Failure to Resample TRC: zinc	Compliance Compliance
Termaco USA	TRC & chronic: phenols Failure to Resample TRC: oil & grease (SGT-HEM)	TRC & chronic: phenols	SNC

Non Significant Industrial Users in SNC for 2010 that were also in SNC for 2009

Facility	Reason for Significant Non-Compliance 2009	2010	Status at the end of 2010
Paragon Optical Company	TRC: copper	TRC & chronic: copper TRC: lead	Compliance

APPENDIX 5

NEWSPAPER LISTING OF SIGNIFICANT VIOLATORS

PUBLIC NOTICE

As a requirement of the City of Reading's National Pollutant Discharge Elimination System (NPDES) Permit number PA0026549, the City is required to operate an industrial pretreatment program in accordance with the Clean Water Act and the General Pretreatment Regulations (40 CFR 403).

Part 40 CFR 403.8 (f) (2) (viii) of the General Regulations as well as Section 9 of the City of Reading's Sewer Use Ordinance 17-98, requires annual publication of a list of all industrial users which were in significant non-compliance (SNC) at any time during the previous twelve (12) months.

The list of significant industrial users found to be in significant non-compliance during the previous twelve months starting January 1, 2010 to December 31, 2010 along with their current compliance status is as follows:

Cloister Car Wash and Lube
1 Cloister Court
Sinking Spring PA 19608
City of Reading Industrial Waste Permit No. 80A
Nature of violation:
1st Quarter – TRC violation of the zinc limit listed in its permit
Current compliance status:
The company segregated the portion of the waste stream identified as the cause of the violations. This wastewater is now pretreated prior to discharge. The company has returned to compliance.

Clover Farms Dairy
3300 Pottsville Pike
Reading PA 19605
City of Reading Industrial Waste Permit No. 47H
Nature of violations:
1st Quarter – TRC and chronic violation of the oil and grease (HEM) limit listed in its permit
2nd Quarter – TRC and chronic violation of the oil and grease (HEM) limit listed in its permit
3rd Quarter – TRC and chronic violation of the oil and grease (HEM) limit listed in its permit
4th Quarter – TRC and chronic violation of the oil and grease (HEM) limit listed in its permit
Current compliance status:
The company had a Consent Agreement with the City of Reading that was signed on December 29, 2006 and terminated on July 31, 2008. The agreement was for the construction of a system to achieve compliance with the oil and grease and pH limits in its permit. The system that was installed did not result in compliance. In 2009 the company hired a firm to design a new pretreatment system and another firm to work on land and zoning approvals. The company representatives held meetings with the planning commission and the zoning hearing board in its local municipality. However, the company has not yet communicated with the City concerning a time schedule to be incorporated into a consent agreement for completion of the project. The company is currently subject to penalty escalations for the violations.

Crescent Brass Manufacturing Corporation
701 Park Avenue
Reading PA 19611
City of Reading Industrial Waste Permit No. 73F
Nature of violation:
4th Quarter – Failure to Report
Current compliance status:
The sampling and testing data for the third quarter of 2010 was submitted by the due date of October 31, 2010 without the signature of an authorized representative of the company as stipulated in their permit and the Pretreatment Regulations. The City sent three letters to the authorized representative of the company requesting the resubmission of the data with the proper format and signature. The company failed to respond to any of the letters and the reports were not resubmitted. Due to the lack of response by company officials and the amount of time that has passed, the City does not expect that these reports will be submitted.

Exide Technologies – Reading Recycling
Spring Valley Road and Nolan Street
Reading PA 19605
City of Reading Industrial Waste Permit No. 34G
Nature of violations:
1st Quarter – TRC and chronic violation of the copper limit listed in its permit
4th Quarter – TRC and chronic violation of the copper limit listed in its permit
4th Quarter – TRC violation of the zinc limit listed in its permit
Current compliance status:
SNC status in the first quarter is based on one violation in the one sampling event conducted. The
building was closed due to a fire until the end of November 2009. The violations in the fourth quarter
led to the discovery of an additional bathroom and shower room connected to the sanitary sewer system. The area was taken out of service, all fixtures were removed and the drains were sealed shut. It is anticipated that the company will return to compliance in 2011 with the elimination of this discharge.

National/Yorgey's Cleaners
1700 Fairview Street
Reading PA 19606
City of Reading Industrial Waste Permit No. 6G
Nature of violation:
1st Quarter – Failure to Resample
Current compliance status:
The company failed to resample and report within 30 days following an oil and grease violation. The required resample was performed and submitted to the City. The resample was in compliance.

Orograin Manufacturing Bakeries.
640 Park Avenue
Reading PA 19611
City of Reading Industrial Waste Permit No. 16G
Nature of violations:
1st Quarter – Failure to Resample at outfall 002
3rd Quarter – TRC violation of the zinc limit listed in its permit at outfall 002
Current compliance status:
The company failed to resample and report within 30 days following a zinc violation at outfall 002. The required resample was performed and submitted to the City. The resample was in compliance.
The company made changes to its CIP cleaning and neutralization systems to address the zinc violations that occurred. The company has returned to compliance.

Termaco USA, Inc.
171 Tuckerton Road
Reading PA 10605
City of Reading Industrial Waste Permit No. 83
Nature of violation:
4th Quarter – TRC and chronic violation of the phenols limit listed in its permit
Current compliance status:
SNC for phenols is based on a violation on the one test for phenols conducted during the second half of the year. Since this test was conducted in the fourth quarter of the year, the company did not return to compliance by the end of the year. However, the company returned to compliance in a test conducted in 2011. The company will look into more frequent off site disposal of the cleaning solution in order to avoid carry over to the rinse water tanks which are discharged to the sewer. The City has increased the monitoring frequency for phenols.

Yuasa Battery, Inc.
2901 Montrose Avenue
Laureldale PA 19605
City of Reading Industrial Waste Permit No. 35G
Nature of violation:
1st Quarter – Failure to Resample at outfall 002
Current compliance status:
The company failed to resample and report within 30 days following a pH violation at outfall 002. The required resample was performed and submitted to the City. The resample was in compliance.

The list of non-significant industrial users found to be in significant non-compliance during the previous twelve months starting January 1, 2010 to December 31, 2010 along with their current compliance status is as follows:

Paragon Optical Company Inc.
644-658 South 7th Street
Reading PA 19602
City of Reading Industrial Waste Permit No. M020C
Nature of violations:
1st Quarter – TRC and chronic violation of the copper limit listed in its permit
1st Quarter – TRC violation of the lead limit listed in its permit
2nd Quarter – TRC violation of the copper limit listed in its permit
3rd Quarter – TRC violation of the copper limit listed in its permit
4th Quarter – TRC violation of the copper limit listed in its permit
Current compliance status:
The company has a three year history without metals violations. Violations began in the fourth quarter of 2009. The company is monitoring its discharge and the cleanouts of the solids retention sump more closely. SNC for the fourth quarter of the year is based solely on a violation that occurred during the third quarter. The company returned to compliance on two sampling events conducted in the fourth quarter.

Unique Pretzel Bakery
215 E. Bellevue Avenue
Reading PA 19605
City of Reading Industrial Waste Permit No. M029D
Nature of violations:
2nd Quarter – TRC and chronic violation of the zinc limit listed in its permit
3rd Quarter – TRC and chronic violation of the zinc limit listed in its permit
Current compliance status:
SNC for both quarters is based on a violation on the one test for zinc conducted in the second quarter of the year. The company determined the cause of the violation and corrected the problem. The company returned to compliance in the sampling event conducted in the fourth quarter.

If any additional information is required, please contact Deborah A.S. Hoag, PE, Utilities Division Manager, or Jacqueline C. Hendricks, Environmental Program Coordinator, at 610-655-6258.

{ No.0000187123 Term: 2011

Proof of Publication of Notice in Reading Eagle

Under Act No. 587, Approved May 16,1929.

Commonwealth of Pennsylvania,
County of Berks } ss:

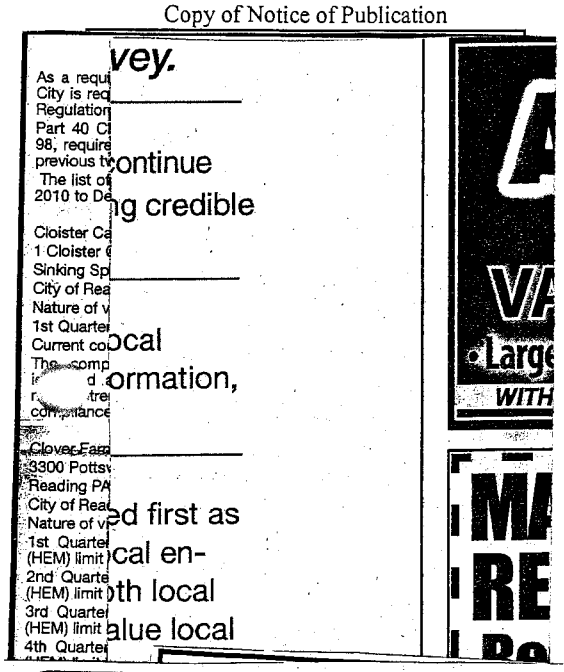
Beverly Boyer, Assistant Secretary, READING EAGLE COMPANY, of the County and Commonwealth aforesaid, being duly sworn, deposes and says that the READING EAGLE established January 28, 1868 is a newspaper of general circulation published at 345 Penn Street, City of Reading County and State aforesaid, and that the printed notice or publication attached hereto is exactly the same as printed and published in the regular edition and issues of the said READING EAGLE on the following dates, viz.:

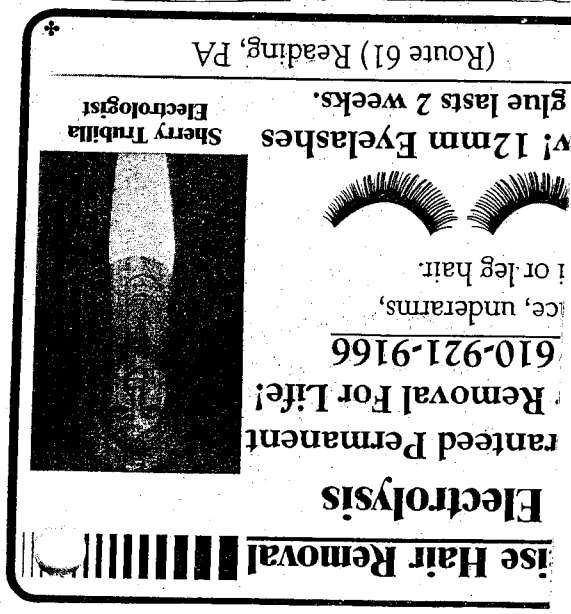
Reading Eagle **Sunday, March 13, 2011, A.D.**

Effective July 1, 2002 Reading Times Ceased Publication. The Reading Eagle will be a daily morning and Sunday edition.

Affiant further deposes that this person is duly authorized by READING EAGLE COMPANY, a corporation, publisher of said READING EAGLE, a newspaper of general circulation, to verify the foregoing statement under oath, and affiant is not interested in the subject matter of the aforesaid notice or advertisement, and that all allegations in the foregoing statements as to time, place, character of publication are true.

Copy of Notice of Publication





Beverly Boyer

Sworn to and subscribed before me this 14th day of March, 2011

Theresa M. Sassaman

Notary

Statement of Advertising Costs

NPDES PERMIT

CITY OF READING
ACCOUNTS PAYABLE, ROOM 201A
815 WASHINGTON ST.
READING, PA 19601

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
THERESA M SASSAMAN, NOTARY PUBLIC
CITY OF READING BERKS COUNTY
MY COMMISSION EXPIRES OCT 23, 2014

To READING EAGLE, DR.:

For publishing the notice of publication attached hereto on the above stated dates	$1,090.60
Probating same	$5.00
Total	$1,095.60

PUBLIC NOTICE

As a requirement of the City of Reading's National Pollutant Discharge Elimination System (NPDES) Permit number PA0026549, the City is required to operate an industrial pretreatment program in accordance with the Clean Water Act and the General Pretreatment Regulations (40 CFR 403).

Part 40 CFR 403.8 (f) (2) (viii) of the General Regulations as well as Section 9 of the City of Reading's Sewer Use Ordinance 17-98, requires annual publication of a list of all industrial users which were in significant non-compliance (SNC) at any time during the previous twelve (12) months.

The list of significant industrial users found to be in significant non-compliance during the previous twelve months starting January 1, 2010 to December 31, 2010 along with their current compliance status is as follows:

Cloister Car Wash and Lube
1 Cloister Court
Sinking Spring PA 19608
City of Reading Industrial Waste Permit No. 80A
Nature of violation:
1st Quarter – TRC violation of the zinc limit listed in its permit
Current compliance status:
The company segregated the portion of the waste stream identified as the cause of the violations. This wastewater is now pretreated prior to discharge. The company has returned to compliance.

Clover Farms Dairy
3300 Pottsville Pike
Reading PA 19605
City of Reading Industrial Waste Permit No. 47H
Nature of violations:
1st Quarter – TRC and chronic violation of the oil and grease (HEM) limit listed in its permit
2nd Quarter – TRC and chronic violation of the oil and grease (HEM) limit listed in its permit
3rd Quarter – TRC and chronic violation of the oil and grease (HEM) limit listed in its permit
4th Quarter – TRC and chronic violation of the oil and grease (HEM) limit listed in its permit
Current compliance status:
The company had a Consent Agreement with the City of Reading that was signed on December 29, 2006 and terminated on July 31, 2008. The agreement was for the construction of a system to achieve compliance with the oil and grease and pH limits in its permit. The system that was installed did not result in compliance. In 2009 the company hired a firm to design a new pretreatment system and another firm to work on land and zoning approvals. The company representatives held meetings with the planning commission and the zoning hearing board in its local municipality. However, the company has not yet communicated with the City concerning a time schedule to be incorporated into a consent agreement for completion of the project. The company is currently subject to penalty escalations for the violations.

Crescent Brass Manufacturing Corporation
701 Park Avenue
Reading PA 19611
City of Reading Industrial Waste Permit No. 73F
Nature of violation:
4th Quarter – Failure to Report
Current compliance status:

The sampling and testing data for the third quarter of 2010 was submitted by the due date of October 31, 2010 without the signature of an authorized representative of the company as stipulated in their permit and the Pretreatment Regulations. The City sent three letters to the authorized representative of the company requesting the resubmission of the data with the proper format and signature. The company failed to respond to any of the letters and the reports were not resubmitted. Due to the lack of response by company officials and the amount of time that has passed, the City does not expect that these reports will be submitted.

Exide Technologies – Reading Recycling
Spring Valley Road and Nolan Street
Reading PA 19605
City of Reading Industrial Waste Permit No. 34G
Nature of violations:
1st Quarter – TRC and chronic violation of the copper limit listed in its permit
4th Quarter – TRC and chronic violation of the copper limit listed in its permit
4th Quarter – TRC violation of the zinc limit listed in its permit
Current compliance status:
SNC status in the first quarter is based on one violation in the one sampling event conducted. The building was closed due to a fire until the end of November 2009. The violations in the fourth quarter led to the discovery of an additional bathroom and shower room connected to the sanitary sewer system. The area was taken out of service, all fixtures were removed and the drains were sealed shut. It is anticipated that the company will return to compliance in 2011 with the elimination of this discharge.

National/Yorgey's Cleaners
1700 Fairview Street
Reading PA 19606
City of Reading Industrial Waste Permit No. 6G
Nature of violation:
1st Quarter – Failure to Resample
Current compliance status:
The company failed to resample and report within 30 days following an oil and grease violation. The required resample was performed and submitted to the City. The resample was in compliance.

Orograin Manufacturing Bakeries.
640 Park Avenue
Reading PA 19611
City of Reading Industrial Waste Permit No. 16G
Nature of violations:
1st Quarter – Failure to Resample at outfall 002
3rd Quarter – TRC violation of the zinc limit listed in its permit at outfall 002
Current compliance status:
The company failed to resample and report within 30 days following a zinc violation at outfall 002. The required resample was performed and submitted to the City. The resample was in compliance. The company made changes to its CIP cleaning and neutralization systems to address the zinc violations that occurred. The company has returned to compliance.

Termaco USA, Inc.
171 Tuckerton Road
Reading PA 10605
City of Reading Industrial Waste Permit No. 83

Nature of violation:
4th Quarter – TRC and chronic violation of the phenols limit listed in its permit
Current compliance status:
SNC for phenols is based on a violation on the one test for phenols conducted during the second half of the year. Since this test was conducted in the fourth quarter of the year, the company did not return to compliance by the end of the year. However, the company returned to compliance in a test conducted in 2011. The company will look into more frequent off site disposal of the cleaning solution in order to avoid carry over to the rinse water tanks which are discharged to the sewer. The City has increased the monitoring frequency for phenols.

Yuasa Battery, Inc.
2901 Montrose Avenue
Laureldale PA 19605
City of Reading Industrial Waste Permit No. 35G
Nature of violation:
1st Quarter – Failure to Resample at outfall 002
Current compliance status:
The company failed to resample and report within 30 days following a pH violation at outfall 002. The required resample was performed and submitted to the City. The resample was in compliance.

The list of non-significant industrial users found to be in significant non-compliance during the previous twelve months starting January 1, 2010 to December 31, 2010 along with their current compliance status is as follows:

Paragon Optical Company Inc.
644-658 South 7th Street
Reading PA 19602
City of Reading Industrial Waste Permit No. M020C
Nature of violations:
1st Quarter – TRC and chronic violation of the copper limit listed in its permit
1st Quarter – TRC violation of the lead limit listed in its permit
2nd Quarter – TRC violation of the copper limit listed in its permit
3rd Quarter – TRC violation of the copper limit listed in its permit
4th Quarter – TRC violation of the copper limit listed in its permit
Current compliance status:
The company has a three year history without metals violations. Violations began in the fourth quarter of 2009. The company is monitoring its discharge and the cleanouts of the solids retention sump more closely. SNC for the fourth quarter of the year is based solely on a violation that occurred during the third quarter. The company returned to compliance on two sampling events conducted in the fourth quarter.

Unique Pretzel Bakery
215 E. Bellevue Avenue
Reading PA 19605
City of Reading Industrial Waste Permit No. M029D
Nature of violations:
2nd Quarter – TRC and chronic violation of the zinc limit listed in its permit
3rd Quarter – TRC and chronic violation of the zinc limit listed in its permit
Current compliance status:

SNC for both quarters is based on a violation on the one test for zinc conducted in the second quarter of the year. The company determined the cause of the violation and corrected the problem. The company returned to compliance in the sampling event conducted in the fourth quarter.

If any additional information is required, please contact Deborah A.S. Hoag, PE, Utilities Division Manager, or Jacqueline C. Hendricks, Environmental Program Coordinator, at 610-655-6258.

APPENDIX 6

ENFORCEMENT ACTIONS

2010 ENFORCEMENT ACTIONS
Significant Industrial Users

Industry Name	Enforcement Action				Nature of Violation
	Compliance Schedule	Notice of Violation	Admin Order	Penalty Assessed	
Akzo Nobel Coatings	None	None	None		
Aramark Uniform Services	None	None	None		
The Bachman Company	None	1	None	$100	1 pH
Berks Packing Company	None	8	None	$3,150 *	6 oil and grease (HEM), 1 pH, 1 late report
Carpenter Technology	None	2	None	$200	1 oil and grease (HEM), 1 oil and grease (SGT-HEM)
Cloister Car Wash and Lube	None	6	None	$1,800 *	3 zinc, 1 copper, 1 oil and grease (HEM), 1 oil and grease (SGT-HEM)
Clover Farms Dairy	None	29	None	$59,700 *	27 oil and grease (HEM), 2 pH
Crescent Brass Manufacturing	1	4	1	$1,650	1 Failure to Report, 1 oil and grease (HEM), 1 late report
					1 failure to maintain pretreatment records/documents on site
Cryovac Food Packaging	None	1	None	$50	1 late report
Dietrich's Milk Products	None	8	None	$24,350 *	6 oil and grease (HEM), 1 pH, 1 late sampling
Evergreen Community Power	None	None	None		
Exide - Plant One	None	1	None	$100	1 pH
Exide - Plant Two	None	None	None		
Exide - Reading Recycling	None	13	None	$1,300	7 copper, 3 lead, 2 zinc, 1 oil and grease (HEM)
Hofmann Industries	None	2	None	$200	2 zinc - monthly average
IFS Industries	None	7	None	$17,500 *	7 oil and grease (HEM)
Interstate Container	None	None	None		
Lentz Milling	None	None	None		
National/Yorgey's Cleaners	None	1	None	$500	1 Failure to Resample
Orograin Manufacturing Bakeries	None	7	None	$2,600 *	1 Failure to Resample at outfall 002, 4 zinc at outfall 002, 1 pH at outfall 002
					1 late resampling at outfall 002
Prizer Works	None	1	None	$100	1 oil and grease (HEM)
Quadrant EEP USA	None	None	None		
Quaker Maid Meats	None	2	None	$200	1 oil and grease (HEM) at outfall 003, 1 pH at outfall 003
Reading Eagle Company	None	None	None		
Reading Plating & Polishing	None	None	None		
Reading Truck Body	None	None	None		
Reitech Corporation	None	None	None		
Sealed Air Corporation	None	1	None	$100	1 color - monthly average
St Joseph Downtown	None	2	None	$200	1 mercury at outfall 005, 1 oil and grease (SGT-HEM) at outfall 005
Summit Steel and Manufacturing	None	None	None		
Sun Rich Fresh Foods	None	None	None		
Sweet Street Desserts	None	None	None		

2010 ENFORCEMENT ACTIONS
Significant Industrial Users

Industry Name	Enforcement Action				Nature of Violation
	Compliance Schedule	Notice of Violation	Admin Order	Penalty Assessed	
Termaco USA	None	2	None	$350	1 phenolics, 1 late sampling
Tom Sturgis Pretzels	None	None	None		
United Corrstack	None	1	None	$50	1 late report
Yuasa Battery	None	4	None	$750	1 Failure to Resample, 1 pH at outfall 002, 1 lead at outfall 001, 1 late report
TOTAL	1	103	1	$114,950	

Initial fines for violations are as follows:

Failure to Report	$1,000
Failure to Resample	$500
Permit Limit violation	$100
Late report	$50
Late sampling/resampling	$250
Failure to Report Violations	$1,000
Failure to Report Monitoring Data	$1,000
Failure to maintain pretreatment records/documents on site	$500

NOTES ON FINES ADMINISTERED:

Berks Packing Company: Oil and grease violations (HEM) were fined at $500 per occurrence.

Cloister Car Wash and Lube: Zinc violations were escalated to $500 per occurrence beginning the first quarter.

Clover Farms Dairy: Oil and grease violations (HEM) were escalated to $2000 per occurrence beginning the first quarter. 16 were fined at this rate.
Oil and grease (HEM) violations were escalated to $2500 per occurrence beginning the third quarter. 11 were fined at this rate.
In accordance with the City's Penalty Escalation Policy, the fine will escalate from $2500 to $3000 per occurrence beginning in the first quarter of 2011.

Dietrich's Milk Products: Oil and grease violations (HEM) were escalated to $4000 per occurrence beginning the first quarter.

IFS: Oil and grease violations (HEM) were fined at $2500 per occurrence.

Orograin Manufacturing Bakeries: Zinc violations at outfall 002 were escalated to $250 per occurrence beginning the first quarter. The fine for Failure to Resmaple was escalated from $500 to $1000 beginning the first quarter. The fine for late resampling was escalated from $250 to $500 beginning the first quarter.

2010 ENFORCEMENT ACTIONS
Non-Significant Industrial Users

Industry Name	Enforcement Action				Nature of Violation
	Compliance Schedule	Notice of Violation	Admin Order	Penalty Assessed	
Air Liquide	None	1	None	$50	1 late report
Diesel Service	None	None	None		
Getty Petroleum Marketing	None	None	None		
NGK Metals Corporation	None	None	None		
Paragon Optical	None	5	None	$500	3 copper, 2 lead
Pennsylvania Truck Centers	None	None	None		
Penske Truck Leasing	None	None	None		
Perception	None	N/A[1]	None		
Remcon Plastics	None	1	None	$100	1 zinc
Rohm & Haas Chemicals - R&D Lab	None	None	None		
Ultra Wash of Philadelphia	None	None	None		
Unique Pretzel Bakery	None	1	None	$100	1 zinc
Van Bennett Food Company	None	None	None		
WORLD electronics	None	None	None		
TOTAL	0	8	0	$750	

Initial fines for violations are as follows:

Failure to Report	$1,000
Failure to Resample	$500
Permit Limit violation	$100
Late report	$50
Late sampling/resampling	$250
Failure to Report Violations	$1,000
Failure to Report Monitoring Data	$1,000

NOTES: [1] Company has not discharged this year.

APPENDIX 7

PAYMENT STATUS

City of Reading Industrial Pretreatment
Penalty Payment Status
Industrial Waste Register Bill Summary
1/1/2010 to 4/14/2011

License No.	Name	Issue Date	Comments	Billed	Paid	PaidDate
January 2010						
FINES - 54-07-00-3622						
331620	BERKS PACKING	01/05/2010	3RD Q 2009	$500.00	-$500.00	01/25/2010
341901	CLOISTER CAR WASH AND LUBE	01/05/2010	3RD Q 2009	$700.00	-$700.00	01/28/2010
331117	CLOVER FARMS DAIRY	01/05/2010	3RD Q 2009	$9,000.00	-$9,000.00	02/10/2010
331113	CRYOVAC INC	01/05/2010	3RD Q 2009	$100.00	-$100.00	03/08/2010
334378	DIETRICH MILK PRODUCTS	01/05/2010	3RD Q 2009	$7,000.00	-$7,000.00	02/04/2010
338910	HOFMANN INDUSTRIES	01/05/2010	3RD Q 2009	$350.00	-$350.00	02/10/2010
331628	INTERSTATE CONTAINER READING	01/05/2010	3RD Q 2009	$200.00	-$200.00	01/28/2010
				$17,850.00	**-$17,850.00**	
February 2010						
FINES - 54-07-00-3622						
331155	ARAMARK UNIFORM SERVICES	02/19/2010	4TH Q 2009	$200.00	-$200.00	03/09/2010
337760	BACHMAN COMPANY	02/24/2010	4TH Q 2009	$50.00	-$50.00	04/01/2010
331620	~~BERKS PACKING~~	02/19/2010	4TH Q 2009	$500.00	-$500.00	03/11/2010
341901	~~CLOISTER CAR WASH AND LUBE~~	02/19/2010	4TH Q 2009	$500.00	-$500.00	03/23/2010
331117	~~CLOVER FARMS DAIRY~~	02/22/2010	4TH Q 2009	$10,600.00	-$10,600.00	03/24/2010
337763	CRESCENT BRASS MANUFACTURING	02/12/2010		$265.05	-$265.05	02/25/2010
337763	~~CRESCENT BRASS MANUFACTURING~~	02/12/2010		$265.05	-$265.05	02/25/2010
334378	~~DIETRICH MILK PRODUCTS~~	02/22/2010	4TH Q 2009	$3,600.00	-$3,600.00	04/01/2010
331089	IFS INDUSTRIES	02/22/2010	4TH Q 2009	$5,000.00	-$5,000.00	03/25/2010
331628	~~INTERSTATE CONTAINER READING~~	02/22/2010	4TH Q 2009	$100.00	-$100.00	03/16/2010
338345	LENTZ MILLING	02/24/2010	4TH Q 2009	$200.00	-$200.00	03/16/2010
336996	NATIONAL/YORGEY'S CLEANERS	02/26/2010	4TH Q 2009	$250.00	$0.00	###########
331088	NEVERSINK BREWERY	02/24/2010	4TH Q 2009	$100.00	$0.00	###########
331154	PENSKE TRUCK LEASING	02/24/2010	4TH Q 2009	$1,000.00	-$1,000.00	03/11/2010
331621	PRIZER PAINTER STOVE WORKS	02/24/2010	4TH Q 2009	$200.00	-$200.00	03/25/2010
340271	READING TRUCK BODY LLC	02/24/2010	4TH Q 2009	$300.00	-$300.00	03/24/2010

331623	ROHM AND HAAS CHEMICALS LLC	02/26/2010	4TH Q 2009	$100.00	-$100.00	03/23/2010
331279	STROEHMANN BAKERIES LLC	02/26/2010	4TH Q 2009	$100.00	-$100.00	03/29/2010
345103	SUN RICH FRESH FOODS INC	02/26/2010	4TH Q 2009	$50.00	-$50.00	04/05/2010
358062	TERMACO USA	02/26/2010	4TH Q 2009	$100.00	-$100.00	03/29/2010
337716	TOM STURGIS PRETZELS INC	02/26/2010	4TH Q 2009	$100.00	-$100.00	03/18/2010
337713	UNITED CORRSTACK	02/26/2010	4TH Q 2009	$50.00	-$50.00	03/25/2010
				$23,630.10	**-$23,280.10**	

Mar-10

FINES - 54-07-00-3622

337763	~~CRESCENT BRASS MANUFACTURING~~	03/12/2010		$265.05	-$265.05	03/17/2010
337731	PARAGON OPTICAL	03/08/2010	4TH Q 2009	$450.00	$0.00	###########
353002	ULTRA WASH OF PHILADELPHIA INC	03/08/2010	4TH Q 2009	$50.00	-$50.00	03/25/2010
				$765.05	**-$315.05**	

April 2010

FINES - 54-07-00-3622

337763	~~CRESCENT BRASS MANUFACTURING~~	04/13/2010		$265.05	-$265.05	04/16/2010
				$265.05	**-$265.05**	

June 2010

FINES - 54-07-00-3622

337759	AIR LIQUIDE	06/04/2010	1ST Q 2010	$50.00	-$50.00	06/25/2010
331620	~~BERKS PACKING~~	06/04/2010	1ST Q 2010	$2,050.00	-$2,050.00	07/09/2010
341901	~~CLOISTER CAR WASH AND LUBE~~	06/04/2010	1ST Q 2010	$1,000.00	-$1,000.00	06/25/2010
331117	~~CLOVER FARMS DAIRY~~	06/04/2010	1ST Q 2010	$16,000.00	-$16,000.00	07/13/2010
337763	~~CRESCENT BRASS MANUFACTURING~~	06/10/2010		$265.05	-$265.05	06/11/2010
337763	CRESCENT BRASS MANUFACTURING	06/10/2010		$265.05	-$265.05	06/11/2010
331113	~~CRYOVAC INC~~	06/04/2010	1ST Q 2010	$50.00	-$50.00	06/30/2010
334378	~~DIETRICH MILK PRODUCTS~~	06/04/2010	1ST Q 2010	$12,250.00	-$12,250.00	07/13/2010
337766	EXIDE CORPORATION	06/08/2010	1ST Q 2010	$100.00	-$100.00	08/05/2010
331089	~~IFS INDUSTRIES~~	06/08/2010	1ST Q 2010	$7,500.00	-$7,500.00	07/08/2010
336996	NATIONAL/YORGEY'S CLEANERS	06/08/2010	1ST Q 2010	$500.00	$0.00	###########
364195	~~OROGRAIN MFG BAKERIES~~	06/08/2010	1ST Q 2010	$2,000.00	-$2,000.00	07/07/2010
337731	PARAGON OPTICAL	06/08/2010	1ST Q 2010	$200.00	$0.00	###########
331094	QUAKER MAID MEATS	06/08/2010	1ST Q 2010	$200.00	-$200.00	07/21/2010

337723	ST JOSEPH MEDICAL CENTER	06/17/2010	1ST Q 2010-D(	$100.00	-$100.00	07/14/2010
337713	~~UNITED CORRSTACK~~	06/17/2010	1ST Q 2010	$50.00	-$50.00	07/07/2010
337710	YUASA BATTERY INC	06/17/2010	1ST Q 2010	$600.00	-$600.00	07/01/2010
				$43,180.10	**-$42,480.10**	

August 2010

FINES - 54-07-00-3622

337763	~~CRESCENT BRASS MANUFACTURING~~	08/03/2010		$265.05	-$265.05	08/05/2010
				$265.05	**-$265.05**	

September 2010

FINES - 54-07-00-3622

337760	~~BACHMAN COMPANY~~	09/16/2010	2ND Q 2010	$100.00	-$100.00	10/14/2010
331620	~~BERKS PACKING~~	09/16/2010	2ND Q 2010	$500.00	-$500.00	10/07/2010
331117	~~CLOVER FARMS DAIRY~~	09/16/2010	2ND Q 2010	$16,200.00	-$16,200.00	10/12/2010
337763	~~CRESCENT BRASS MANUFACTURING~~	09/15/2010		$265.05	-$265.05	09/17/2010
337763	CRESCENT BRASS MANUFACTURING	09/02/2010		$265.05	-$265.05	09/17/2010
337766	~~EXIDE CORPORATION~~	09/16/2010	2ND Q 2010	$200.00	-$200.00	02/03/2011
338910	~~HOEMANN INDUSTRIES~~	09/16/2010	2ND Q 2010	$100.00	-$100.00	10/27/2010
331089	~~IFS INDUSTRIES~~	09/15/2010	2ND Q 2010	$5,000.00	-$5,000.00	11/12/2010
337731	PARAGON OPTICAL	09/15/2010	2ND Q 2010	$100.00	$0.00	###########
334341	REMCON PLASTICS INC	09/13/2010	2ND Q 2010	$100.00	-$100.00	10/05/2010
337723	~~ST JOSEPH MEDICAL CENTER~~	09/13/2010	2ND Q 2010-D	$100.00	-$100.00	10/07/2010
337715	UNIQUE PRETZELS	09/13/2010	2ND Q 2010	$100.00	-$100.00	10/05/2010
337710	~~YUASA BATTERY INC~~	09/13/2010	2ND Q 2010	$100.00	-$100.00	10/05/2010
				$23,130.10	**-$23,030.10**	

November 2010

FINES - 54-07-00-3622

337763	~~CRESCENT BRASS MANUFACTURING~~	11/16/2010		$265.05	-$265.05	11/24/2010
337763	CRESCENT BRASS MANUFACTURING	11/17/2010		$265.05	-$265.05	11/24/2010
				$530.10	**-$530.10**	

December 2010

FINES - 54-07-00-3622

337763	~~CRESCENT BRASS MANUFACTURING~~	12/30/2010		$265.05	-$265.05	01/06/2011
331089	~~IFS INDUSTRIES~~	12/28/2010	3RD Q 2010	$2,500.00	-$2,500.00	01/13/2011
364195	~~OROGRAIN MFG BAKERIES~~	12/28/2010	3RD Q 2010	$600.00	-$600.00	01/25/2011
337731	PARAGON OPTICAL	12/28/2010	3RD Q 2010	$200.00	$0.00	###########
				$3,565.05	**-$3,365.05**	

January 2011

FINES - 54-07-00-3622

331620	BERKS PACKING	01/05/2011	3RD Q 2010	$500.00	-$500.00	01/24/2011
334354	CARPENTER CORPORATION	01/05/2011	3RD Q 2010	$200.00	$0.00	###########
341901	CLOISTER CAR WASH AND LUBE	01/05/2011	3RD Q 2010	$200.00	-$200.00	02/03/2011
331117	CLOVER FARMS DAIRY	01/05/2011	3RD Q 2010	$15,000.00	-$15,000.00	02/07/2011
337763	CRESCENT BRASS MANUFACTURING	01/05/2011	3RD Q 2010	$100.00	-$100.00	01/24/2011
337763	CRESCENT BRASS MANUFACTURING	01/27/2011		$265.05	-$265.05	02/04/2011
334378	DIETRICH MILK PRODUCTS	01/05/2011	3RD Q 2010	$8,100.00	-$8,100.00	02/09/2011
337766	EXIDE CORPORATION	01/05/2011	3RD Q 2010	$100.00	$0.00	###########
				$24,465.05	**-$24,165.05**	

March 2011

FINES - 54-07-00-3622

331620	BERKS PACKING	03/07/2011	4TH Q 2010	$100.00	-$100.00	04/05/2011
341901	CLOISTER CAR WASH AND LUBE	03/07/2011	4TH Q 2010	$600.00	-$600.00	04/05/2011
331117	CLOVER FARMS DAIRY	03/07/2011	4TH Q 2010	$12,500.00	-$12,500.00	04/07/2011
337763	CRESCENT BRASS MANUFACTURING	03/04/2011	4TH Q 2010	$1,550.00	-$550.00	###########
337763	CRESCENT BRASS MANUFACTURING	03/04/2011		$265.05	-$265.05	03/10/2011
337763	CRESCENT BRASS MANUFACTURING	03/25/2011		$265.05	-$265.05	04/04/2011
334378	DIETRICH MILK PRODUCTS	03/07/2011	4TH Q 2010	$4,000.00	-$4,000.00	04/06/2011
337766	EXIDE CORPORATION	03/07/2011	4TH Q 2010	$1,000.00	$0.00	###########
338910	HOFMANN INDUSTRIES	03/04/2011	4TH Q 2010	$100.00	$0.00	###########
331089	IFS INDUSTRIES	03/04/2011	4TH Q 2010	$2,500.00	-$2,500.00	04/08/2011
331621	PRIZER PAINTER STOVE WORKS	03/04/2011	4TH Q 2010	$100.00	-$100.00	04/05/2011
331097	SEALED AIR CORP	03/01/2011	4TH Q 2010	$100.00	-$100.00	04/05/2011
358062	TERMACO USA	03/08/2011	4TH Q 2010	$350.00	$0.00	###########
337710	YUASA BATTERY INC	03/01/2011	4TH Q 2010	$50.00	-$50.00	03/29/2011
				$23,480.10	**-$21,030.10**	

Grand Total : $161,125.75 ($156,575.75)

APPENDIX 8

ANNUAL PRIORITY POLLUTANT SCANS ON PLANT INFLUENT, EFFLUENT AND BIOSOLIDS

PERFORMED:

8/3-4/10:	Influent and Effluent
8/4/10:	Biosolids
3/2/10 and 9/8/10:	Biosolids Form 43

QUATERLY INFLUENT, EFFLUENT AND BIOSOLIDS SAMPLING

2010 WEEKLY MERCURY TESTING AT PLANT INFLUENT POINTS AND PLANT EFFLUENT

MONTHLY 503 ANALYSIS FOR PLANT BIOSOLIDS

Facility Name:	CITY OF READING WWTP						
Facility ID:	PAP026549			Priority Pollutant and Quarterly analysis			
Location:	**INFLUENT**			Date	Date	Date	Date
	Pollutant	Goals	Frequency	2/2/2010	5/4/2010	8/3/2010	12/1/2010
01002	ARSENIC- TOTAL	0.0594	4	<0.005	<0.005	<0.005	<0.005
01027	CADMIUM- TOTAL	0.0198	4	<0.001	0.001	0.001	<0.001
01034	CHROMIUM- TOTAL	0.1293	4	0.014	0.017	0.039	0.0086
00080	COLOR	No Goal	0				
01042	COPPER- TOTAL	0.1602	4	0.078	0.084	0.1	0.048
00722	CYANIDE- FREE (AMENABLE)	0.023	4	<0.005	<0.005	<0.005	<0.005
00720	CYANIDE- TOTAL	0.34	4	<0.005	<0.005	0.007	<0.005
01051	LEAD- TOTAL	0.0581	4	0.015	0.028	0.034	0.011
71900	MERCURY- TOTAL	0.0002	4	0.0004	0.0005	0.0008	0.0001
01062	MOLYBDENUM- TOTAL	0.014	0	0.033	0.039	0.034	0.027
01067	NICKEL- TOTAL	0.4668	4	0.013	0.011	0.013	<0.01
46000	PHENOLS- TOTAL	0.3618	0	0.06	0.04	0.06	0.03
01147	SELENIUM- TOTAL	0.027	1			<0.01	
01077	SILVER- TOTAL	0.0989	4	<0.002	<0.002	<0.002	<0.002
01092	ZINC- TOTAL	0.3825	4	0.37	0.3	0.43	0.19

Facility Name:	CITY OF READING WWTP						
Facility ID:	PAP026549			Priority Pollutant and Quarterly analysis			
Location:	**EFFLUENT**			Date	Date	Date	Date
	Pollutant	Goals	Frequency	2/2/2010	5/4/2010	8/3/2010	12/1/2010
01002	ARSENIC- TOTAL	0.427	4	<0.005	<0.005	<0.005	<0.005
01027	CADMIUM- TOTAL	0.018	4	<0.001	<0.001	<0.001	<0.001
01034	CHROMIUM- TOTAL	0.022	4	0.0044	0.0033	0.0053	0.0053
00080	COLOR	No Goal	0				
01042	COPPER- TOTAL	0.075	4	0.015	0.013	0.02	0.02
00722	CYANIDE- FREE (AMENABLE)	0.023	4	0.006	<0.005	<0.005	0.011
00720	CYANIDE- TOTAL	Monitor	4	<0.005	<0.005	<0.005	0.011
01051	LEAD- TOTAL	0.111	4	<0.003	<0.003	<0.003	0.0034
71900	MERCURY- TOTAL	0.00007	4	<0.00007	<0.00007	<0.00007	<0.00007
01062	MOLYBDENUM- TOTAL	No Goal	0	0.031	0.024	0.02	0.023
01067	NICKEL- TOTAL	3.43	4	<0.01	<0.01	<0.01	<0.01
46000	PHENOLS- TOTAL	0.136	0	<0.01	<0.01	<0.01	<0.01
01147	SELENIUM- TOTAL	0.027	0			<0.01	
01077	SILVER- TOTAL	0.037	4	<0.002	<0.002	<0.002	<0.002
01092	ZINC- TOTAL	0.406	4	0.067	0.046	0.072	0.075

Facility Name:	CITY OF READING WWTP			results taken from Penn State Agricultural Laboratory					
Facility ID:	PAP026549			Form 43 Landfill application					Priority Polluta
Location:	**SLUDGE**			Date *	Date *	Date	Date	Date *	Date *
	Pollutant	Goals	Frequency	2/2/2010	3/2/2010	5/4/2010	5/5/2010	8/4/2010	9/8/2010
01002	ARSENIC- TOTAL	41	4	<9.5	<10.6	4.02		<9.4	<10.9
01027	CADMIUM- TOTAL	39	4	3.3	3.3	3.98		4.3	3.8
01034	CHROMIUM- TOTAL	Monitor	4	104	108	107.5	143	135	146
00080	COLOR	No Goal	0	Black			Black	Black	
01042	COPPER- TOTAL	1500	4	413	475	493.6		657	614
00722	CYANIDE- FREE (AMENABLE)	Monitor	4	1.4			<1.4	<1.4	
00720	CYANIDE- TOTAL	Monitor	4	1.9			1.9	1.9	
01051	LEAD- TOTAL	300	4	121	116	130.9		154	143
71900	MERCURY- TOTAL	17	4	5.3	8.8	3.02		4.2	4.4
01062	MOLYBDENUM- TOTAL	75	0	51.8	50.2	47.2		56.9	65.6
01067	NICKEL- TOTAL	420	4	54.6	61.5	50.1		81	74.5
46000	PHENOLS- TOTAL	No Goal	0	24.6			42.2	31.2	
01147	SELENIUM- TOTAL	100	1		<26.6	10.87		<23.6	<27.2
01077	SILVER- TOTAL	Monitor	4	8.2	9		7.7	8.7	10.8
01092	ZINC- TOTAL	2800	4	1250	1460	1491.8		1900	1790

nts

Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
10/6/2010	10/6/2010	1/12/2010	2/2/2010	3/2/2010	4/6/2010	6/1/2010	7/7/2010	8/4/2010	9/8/2010	11/2/2010	12/7/2010
	4.24	3.64	2.83	3.01	3.46	3.34	3.08	2.91	3.72	3.38	2.12
	3.79	3.36	3.54	3.61	4.19	4.63	4.55	3.87	3.64	4.34	3.25
147	136	92.9	110.2	109.3	103.7	117.6	109.6	119.2	115.2	130.6	104.6
Black											
	726.2	498.4	474.2	530.8	520.6	528.1	545.4	596.5	592.2	660.5	562.8
1.6											
3.6											
	197.7	151.6	129.9	134	100.2	137	123.8	141.4	159.3	149	130.3
	2.85	3.28	3.23	2.71	2.61	2.32	2.35	2.88	2.57	4.49	2.88
	79.8	40.2	56.8	57	46.3	62.3	54.3	56.5	58.9	76.8	51.5
	73.6	41.7	58	55.9	48.2	55.1	51.4	65.1	48.5	63.5	52.3
9.1											
	10.14	9.26	8.46	9.39	8.8	10.93	10.38	9.96	9.13	7.19	8.24
11											
	1751.3	1327.8	1328.8	1645.7	1484.5	1611.1	1781.6	1747.8	1795.8	1762.1	1685.6

Mercury Testing for 2010 at Plant Influent Points and Plant Effluent

Date		Grit Chamber mg/L		6th Street mg/L		Influent mg/L		Effluent mg/L
01/05/10		0.0001		0.0001		0.0023	<	0.00007
01/06/10		0.00009		0.00007		0.0032	<	0.00007
01/12/10		0.0035		0.0002		0.001	<	0.00007
1/19/2010		0.0031		0.00007		0.0005	<	0.00007
1/26/2010		0.00009		0.0061		0.0003	<	0.00007
2/2/2010 X		0.0007	<	0.00007		0.0004 X	<	0.00007 X
2/3/2010		0.00008	<	0.00007		0.0006	<	0.00007
2/9/2010		0.00007		0.0002		0.0002	<	0.00007
2/16/2010		0.0003		0.00009		0.0003	<	0.00007
2/23/2010		0.0001		0.0001		0.0003	<	0.00007
3/2/2010		0.0001		0.0002		0.0001	<	0.00007
3/3/2010		0.0001		0.0002		0.0021	<	0.00007
3/9/2010	<	0.00007		0.0001		0.0001	<	0.00007
3/16/2010	<	0.00007		0.00008		0.0003	<	0.00007
3/23/2010	<	0.00007		0.00008		0.0003	<	0.00007
3/30/2010		0.0001		0.00007		0.0007	<	0.00007
4/6/2010	<	0.00007		0.00009		0.0003	<	0.00007
4/7/2010		0.0001		0.00009		0.0001	<	0.00007
4/13/2010	<	0.00007	<	0.00007		0.0001	<	0.00007
4/20/2010		0.0001		0.00007		0.0004	<	0.00007
4/27/2010		0.0001		0.0001		0.0004	<	0.00007
5/5/2010		0.00007	<	0.00007		0.00008	<	0.00007
5/11/2010	<	0.00007		0.00007		0.0002	<	0.00007
5/18/2010		0.00008		0.00007		0.0003	<	0.00007
5/25/2010		0.0001		0.00008		0.0002	<	0.00007
6/1/2010	<	0.00007	<	0.00007		0.0002	<	0.00007
6/2/2010	<	0.00007		0.00008	<	0.00007	<	0.00007
6/8/2010		0.0001		0.00008		0.0001	<	0.00007
6/15/2010		0.0002		0.0003		0.0004	<	0.00007
6/22/2010		0.0001		0.0001	<	0.00007	<	0.00007
6/29/2010		0.0002		0.00007		0.00008	<	0.00007
7/6/2010						0.0001	<	0.00007
7/7/2010		0.00009	<	0.00007		0.0009	<	0.00007
7/13/2010		0.0002		0.0002		0.0004	<	0.00007
7/20/2010		0.0001		0.0002		0.0002	<	0.00007
7/27/2010		0.00008		0.0001		0.0004	<	0.00007
8/3/2010 X	<	0.00007		0.001		0.0008 X	<	0.00007 X
8/4/2010		0.00008		0.0004		0.0004	<	0.00007
8/10/2010		0.0001		0.0003		0.0004	<	0.00007
8/17/2010		0.098		0.0001		0.0003	<	0.00007
8/24/2010		0.0004		0.0001		0.0002	<	0.00007
8/31/2010		0.0002		0.001		0.0004	<	0.00007

Date		Grit Chamber mg/L		6th Street mg/L		Influent mg/L		Effluent mg/L
9/7/2010		0.0002		0.0001		0.0003	<	0.00007
9/8/2010		0.0003		0.00009		0.0004	<	0.00007
9/14/2010		0.0001		0.0003		0.0004	<	0.00007
9/21/2010		0.0003		0.0001		0.0003	<	0.00007
9/28/2010	<	0.00007		0.0003		0.0004	<	0.00007
10/5/2010	<	0.00007		0.001		0.0002	<	0.00007
10/6/2010	<	0.00007		0.0006		0.0004	<	0.00007
10/12/2010		0.0002		0.0006		0.0004	<	0.00007
10/19/2010	<	0.00007	<	0.00007	<	0.00007	<	0.00007
10/26/2010	<	0.00007		0.00009		0.0005	<	0.00007
11/4/2010		0.0004		0.0005		0.0017	<	0.00007
11/8/2010		0.0001		0.0001		0.0002	<	0.00007
11/9/2010		0.0001		0.00009		0.0005	<	0.00007
11/16/2010		0.0001		0.0001		0.0004	<	0.00007
11/23/2010		0.0002		0.0001		0.0001	<	0.00007
11/30/2010		0.0002		0.0002		0.0002	<	0.00007
12/1/2010 X		0.00009		0.0001		0.0001 X	<	0.00007 X
12/7/2010		0.00009		0.0001		0.0013		0.00007
12/14/2010		0.00007		0.0001		0.0002	<	0.00007
12/15/2010		0.0001		0.0001		0.0002	<	0.00007
12/21/2010	<	0.00007		0.0003		0.0004	<	0.00007
12/28/2010		0.0001	<	0.00007		0.00008	<	0.00007

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ANALYTICAL RESULTS

Workorder 9829647 10-1069,1070,1085,1047

Lab ID: 9829647001 Date Collected: 2/2/2010 09:33 Matrix: Waste Water

Sample ID: Raw Inf, 10-1069 Composite Date Received: 2/3/2010 16:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Acenaphthylene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Anthracene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Benzidine	ND		ug/L	28.3	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Butylbenzylphthalate	3.0		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
[illegible]-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
[illegible]oronaphthalene	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
2-Chlorophenol	ND		ug/L	7.5	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Chrysene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Di-n-Butylphthalate	3.2		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
3,3-Dichlorobenzidine	ND		ug/L	7.5	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Diethylphthalate	ND		ug/L	7.5	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
2,4-Dinitrophenol	ND		ug/L	15.1	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
bis(2-Ethylhexyl)phthalate	23.6		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Fluoranthene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Fluorene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Hexachloroethane	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Isophorone	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Naphthalene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Nitrobenzene	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
2-[illegible]phenol	ND		ug/L	7.5	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
4-Nitrophenol	ND		ug/L	7.5	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
N-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1

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ANALYTICAL RESULTS

Workorder 9829647 10-1069,1070,1085,1047

Lab ID: 9829647001 Date Collected: 2/2/2010 09:33 Matrix: Waste Water

Sample ID: **Raw Inf, 10-1069 Composite** Date Received: 2/3/2010 16:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Pentachlorophenol	ND		ug/L	15.1	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Phenanthrene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Phenol	7.6		ug/L	7.5	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Pyrene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	77.1		%	38-134	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
2-Fluorobiphenyl (S)	69.6		%	37-113	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
2-Fluorophenol (S)	41.8		%	17-73	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Nitrobenzene-d5 (S)	78.7		%	37-124	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Phenol-d5 (S)	25.9		%	11-53	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
Terphenyl-d14 (S)	51.5		%	33-125	EPA 625	2/4/10	GMG	2/9/10 10:52	DRS	D1
WET CHEMISTRY										
Phosphorus, Total	9.2		mg/L	0.50	EPA 365.1	2/8/10	KLR	2/9/10 08:25	KEP	A1
METALS										
Arsenic, Total	ND		mg/L	0.0050	EPA 200.7	2/5/10	MNP	2/8/10 13:16	JWK	B1
Cadmium, Total	ND		mg/L	0.0010	EPA 200.7	2/5/10	MNP	2/8/10 13:16	JWK	B1
Chromium, Total	0.014		mg/L	0.0025	EPA 200.7	2/5/10	MNP	2/8/10 13:16	JWK	B1
Copper, Total	0.078		mg/L	0.0050	EPA 200.7	2/5/10	MNP	2/8/10 13:16	JWK	B1
Lead, Total	0.015		mg/L	0.0030	EPA 200.7	2/5/10	MNP	2/8/10 13:16	JWK	B1
Mercury, Total (XLow-level)	0.0004		mg/L	0.00007	EPA 245.1	2/12/10	BLB	2/12/10 07:59	BLB	B2
Molybdenum, Total	0.033		mg/L	0.010	EPA 200.7	2/5/10	MNP	2/8/10 13:16	JWK	B1
Nickel, Total	0.013		mg/L	0.010	EPA 200.7	2/5/10	MNP	2/8/10 13:16	JWK	B1
Silver, Total	ND		mg/L	0.0020	EPA 200.7	2/5/10	MNP	2/8/10 13:16	JWK	B1
Zinc, Total	0.37		mg/L	0.010	EPA 200.7	2/5/10	MNP	2/8/10 13:16	JWK	B1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder 9829647 10-1069,1070,1085,1047

Lab ID: **9829647002** Date Collected: 2/2/2010 09:34 Matrix: Waste Water

Sample ID: **Raw Inf, 10-1070 Grab** Date Received: 2/3/2010 16:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Cyanide, Total	ND		mg/L	0.0050	EPA 335.4	2/7/10	KEP	2/9/10 12:39	KLR	A3
Cyanide,Weak/Dissociable(Free)	ND		mg/L	0.0050	SM20-4500CNI	2/7/10	KEP	2/9/10 12:39	KLR	A2
Oil/Grease Hexane Extractable	18.5		mg/L	2.0	EPA 1664			2/12/10 00:45	JJS	C
Phenolics	0.06		mg/L	0.02	EPA 420.4	2/8/10	KRK	2/8/10 11:29	KEP	E

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder 9829647 10-1069,1070,1085,1047

Lab ID: 9829647003 | Date Collected: 2/2/2010 10:00 | Matrix: Waste Water

Sample ID: Final Eff, 10-1085 Composite | Date Received: 2/3/2010 16:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Acenaphthylene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Anthracene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Benzidine	ND		ug/L	28.6	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
4-Bromophenyl-phenylether	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Butylbenzylphthalate	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
4-Chloro-3-methylphenol	ND		ug/L	7.6	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Bis(2-Chloroethyl)ether	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
[illegible]oronaphthalene	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
2-Chlorophenol	ND		ug/L	7.6	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
4-Chlorophenyl-phenylether	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Chrysene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Di-n-Butylphthalate	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Di-n-Octylphthalate	ND		ug/L	7.6	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
3,3-Dichlorobenzidine	ND		ug/L	7.6	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
2,4-Dichlorophenol	ND		ug/L	7.6	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Diethylphthalate	ND		ug/L	7.6	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
2,4-Dimethylphenol	ND		ug/L	7.6	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Dimethylphthalate	ND		ug/L	7.6	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
2,4-Dinitrophenol	ND		ug/L	15.2	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
2,4-Dinitrotoluene	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
2,6-Dinitrotoluene	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
1,2-Diphenylhydrazine	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
bis(2-Ethylhexyl)phthalate	4.2		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Fluoranthene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Fluorene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Hexachlorobenzene	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Hexachlorobutadiene	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Hexachlorocyclopentadiene	ND		ug/L	7.6	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Hexachloroethane	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Isophorone	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.6	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Naphthalene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Nitrobenzene	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
2-[illegible]phenol	ND		ug/L	7.6	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
4-Nitrophenol	ND		ug/L	7.6	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
N-Nitrosodimethylamine	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1

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ANALYTICAL RESULTS

Workorder 9829647 10-1069,1070,1085,1047

Lab ID: 9829647003 Date Collected: 2/2/2010 10:00 Matrix: Waste Water
Sample ID: Final Eff, 10-1085 Composite Date Received: 2/3/2010 16:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
N-Nitrosodiphenylamine	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Pentachlorophenol	ND		ug/L	15.2	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Phenanthrene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Phenol	ND		ug/L	7.6	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Pyrene	ND		ug/L	1.4	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
1,2,4-Trichlorobenzene	ND		ug/L	2.9	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
2,4,6-Trichlorophenol	ND		ug/L	7.6	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	86.3		%	38-134	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
2-Fluorobiphenyl (S)	64.4		%	37-113	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
2-Fluorophenol (S)	46.2		%	17-73	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Nitrobenzene-d5 (S)	73.7		%	37-124	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Phenol-d5 (S)	23.1		%	11-53	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
Terphenyl-d14 (S)	47		%	33-125	EPA 625	2/4/10	GMG	2/9/10 14:09	DRS	D1
WET CHEMISTRY										
Phosphorus, Total	3.1		mg/L	0.10	EPA 365.1	2/8/10	KLR	2/9/10 08:25	KEP	A1
METALS										
Arsenic, Total	ND		mg/L	0.0050	EPA 200.7	2/5/10	MNP	2/8/10 13:28	JWK	B1
Cadmium, Total	ND		mg/L	0.0010	EPA 200.7	2/5/10	MNP	2/8/10 13:28	JWK	B1
Chromium, Total	0.0044		mg/L	0.0025	EPA 200.7	2/5/10	MNP	2/8/10 13:28	JWK	B1
Copper, Total	0.015		mg/L	0.0050	EPA 200.7	2/5/10	MNP	2/8/10 13:28	JWK	B1
Lead, Total	ND		mg/L	0.0030	EPA 200.7	2/5/10	MNP	2/8/10 13:28	JWK	B1
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	2/12/10	BLB	2/12/10 08:01	BLB	B2
Molybdenum, Total	0.031		mg/L	0.010	EPA 200.7	2/5/10	MNP	2/8/10 13:28	JWK	B1
Nickel, Total	ND		mg/L	0.010	EPA 200.7	2/5/10	MNP	2/8/10 13:28	JWK	B1
Silver, Total	ND		mg/L	0.0020	EPA 200.7	2/5/10	MNP	2/8/10 13:28	JWK	B1
Zinc, Total	0.067		mg/L	0.010	EPA 200.7	2/5/10	MNP	2/8/10 13:28	JWK	B1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder 9829647 10-1069,1070,1085,1047

Lab ID: 9829647004 Date Collected: 2/3/2010 07:55 Matrix: Waste Water

Sample ID: Final Eff, 10-1047 Grab Date Received: 2/3/2010 16:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Cyanide, Total	ND	1	mg/L	0.0050	EPA 335.4	2/12/10	KLR	2/12/10 15:04	KLR	A4
Cyanide,Weak/Dissociable(Free)	0.0060		mg/L	0.0050	SM20-4500CNI	2/12/10	KLR	2/12/10 15:04	KLR	A3
Oil/Grease Hexane Extractable	ND		mg/L	2.0	EPA 1664			2/9/10 10:00	ELT	C
Phenolics	ND		mg/L	0.01	EPA 420.4	2/8/10	KRK	2/8/10 11:31	KEP	E

Sample Comments:

Anna G Milliken
Laboratory Manager

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Workorder 9829647 10-1069,1070,1085,1047

PARAMETER QUALIFIERS\FLAGS

[1] The result reported for the weak cyanide analysis is higher than the result reported for the total cyanide analysis. The analyses we rerun and the results confirmed.

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ANALYTICAL RESULTS

Workorder 9829645 Quarterly Testing 10-1062

Lab ID: 9829645001
Sample ID: Belt Press Sludge 10-1062

Date Collected: 2/2/2010 08:38
Date Received: 2/3/2010 16:45

Matrix: Solid

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	1150	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Acenaphthylene	ND		ug/kg	1150	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Anthracene	ND		ug/kg	1150	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Benzidine	ND		ug/kg	23000	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Benzo(a)anthracene	ND		ug/kg	1150	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Benzo(a)pyrene	ND		ug/kg	1150	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Benzo(b)fluoranthene	ND		ug/kg	1150	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Benzo(g,h,i)perylene	ND		ug/kg	1150	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Benzo(k)fluoranthene	ND		ug/kg	1150	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
4-Bromophenyl-phenylether	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Butylbenzylphthalate	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
4-Chloro-3-methylphenol	ND		ug/kg	6210	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Bis(2-Chloroethoxy)methane	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Bis(2-Chloroethyl)ether	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
[illegible]-Chloroisopropyl)ether	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
[illegible]hloronaphthalene	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
2-Chlorophenol	ND		ug/kg	6210	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
4-Chlorophenyl-phenylether	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Chrysene	ND		ug/kg	1150	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Di-n-Butylphthalate	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Di-n-Octylphthalate	ND		ug/kg	6210	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Dibenzo(a,h)anthracene	ND		ug/kg	1150	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
1,2-Dichlorobenzene	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
1,3-Dichlorobenzene	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
1,4-Dichlorobenzene	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
3,3-Dichlorobenzidine	ND		ug/kg	12400	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
2,4-Dichlorophenol	ND		ug/kg	6210	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Diethylphthalate	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
2,4-Dimethylphenol	ND		ug/kg	6210	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Dimethylphthalate	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
2,4-Dinitrophenol	ND		ug/kg	12400	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
2,4-Dinitrotoluene	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
2,6-Dinitrotoluene	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
1,2-Diphenylhydrazine	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
bis(2-Ethylhexyl)phthalate	38200		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Fluoranthene	ND		ug/kg	1150	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Fluorene	ND		ug/kg	1150	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Hexachlorobenzene	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Hexachlorobutadiene	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Hexachlorocyclopentadiene	ND		ug/kg	6210	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Hexachloroethane	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1150	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Is[illegible]orone	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
2[illegible]hyl-4,6-dinitrophenol	ND		ug/kg	6210	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Naphthalene	1300		ug/kg	1150	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Nitrobenzene	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1

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ANALYTICAL RESULTS

Workorder 9829645 Quarterly Testing 10-1062

Lab ID: **9829645001** Date Collected: 2/2/2010 08:38 Matrix: Solid

Sample ID: **Belt Press Sludge 10-1062** Date Received: 2/3/2010 16:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Nitrophenol	ND		ug/kg	6210	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
4-Nitrophenol	ND		ug/kg	6210	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
N-Nitrosodimethylamine	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
N-Nitroso-di-n-propylamine	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
N-Nitrosodiphenylamine	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Pentachlorophenol	ND		ug/kg	12400	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Phenanthrene	1250		ug/kg	1150	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Phenol	ND		ug/kg	6210	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Pyrene	ND		ug/kg	1150	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
1,2,4-Trichlorobenzene	ND		ug/kg	2300	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
2,4,6-Trichlorophenol	ND		ug/kg	6210	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	64.8		%	37-123	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
2-Fluorobiphenyl (S)	66.2		%	45-105	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
2-Fluorophenol (S)	64.4		%	35-104	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
benzene-d5 (S)	66.6		%	41-110	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Phenol-d5 (S)	61		%	40-100	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
Terphenyl-d14 (S)	53.8		%	38-113	SW846 8270D	2/4/10	TNC	2/17/10 17:33	DRS	B1
WET CHEMISTRY										
Ammonia-nitrogen, Total	8760		mg/kg	31.4	SM4500D	2/7/10	ELT	2/8/10 11:30	NJA	A5
Biochemical Oxygen Demand	32300		mg/kg	9.5	SM20-5210 B			2/4/10 00:35	MWO	A
Color, Apparent	BLACK				In-House			2/17/10 08:15	ARK	A
Cyanide, Total	1.9	1	mg/kg	1.2	SW846 9012B	2/4/10	TMY	2/5/10 07:09	KRK	A3
Cyanide,Weak/Dissociable(Free)	1.4		mg/kg	1.2	SM20-4500CNI	2/7/10	KEP	2/9/10 12:39	KLR	A4
Hexane Extractable Material	39000		mg/kg	959	SW846 9071B			2/4/10 01:35	JJS	A
Layering	NONE				In-House			2/17/10 08:15	ARK	A
Moisture	79.0		%	0.1	SM20-2540 G			2/4/10 04:45	LJF	A
Number of Phases	1				In-House			2/17/10 08:15	ARK	A
Odor	SLUDGE				In-House			2/17/10 08:15	ARK	A
Phenolics	24.6		mg/kg	1.6	SW846 9066	2/12/10	KRK	2/12/10 12:27	KEP	A
Phosphorus, Total	15900		mg/kg	496	EPA 365.1	2/8/10	KLR	2/9/10 06:20	KRK	A6
Physical State	SOLID				In-House			2/17/10 08:15	ARK	A
Silica Gel Treated HEM	21200		mg/kg	959	SW846 9071B			2/4/10 01:35	JJS	A
Total Solids	21.0		%	0.1	SM20-2540 G			2/4/10 04:45	LJF	A
METALS										
Arsenic, Total	ND		mg/kg	9.5	SW846 6010C	2/4/10	MNP	2/5/10 02:58	SRT	A1
Cadmium, Total	3.3		mg/kg	2.4	SW846 6010C	2/4/10	MNP	2/5/10 02:58	SRT	A1
Chromium, Total	104		mg/kg	4.8	SW846 6010C	2/4/10	MNP	2/5/10 02:58	SRT	A1
Copper, Total	413		mg/kg	9.5	SW846 6010C	2/4/10	MNP	2/5/10 02:58	SRT	A1
L[illegible] Total	121		mg/kg	9.5	SW846 6010C	2/4/10	MNP	2/5/10 02:58	SRT	A1
M[illegible]ury, Total	5.3		mg/kg	0.85	SW846 7471B	2/4/10	BLB	2/4/10 10:52	BLB	A2
Molybdenum, Total	51.8		mg/kg	9.5	SW846 6010C	2/4/10	MNP	2/5/10 02:58	SRT	A1

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ANALYTICAL RESULTS

Workorder 9829645 Quarterly Testing 10-1062

Lab ID: **9829645001** Date Collected: 2/2/2010 08:38 Matrix: Solid

Sample ID: **Belt Press Sludge 10-1062** Date Received: 2/3/2010 16:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Nickel, Total	54.6		mg/kg	9.5	SW846 6010C	2/4/10	MNP	2/5/10 02:58	SRT	A1
Silver, Total	8.2		mg/kg	2.4	SW846 6010C	2/4/10	MNP	2/5/10 02:58	SRT	A1
Zinc, Total	1250		mg/kg	9.5	SW846 6010C	2/4/10	MNP	2/5/10 02:58	SRT	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

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Workorder 9829645 Quarterly Testing 10-1062

PARAMETER QUALIFIERS\FLAGS

[1] The recovery of the Matrix Spike (MS) associated to this analyte was outside of the established control limits.

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ANALYTICAL RESULTS

Workorder: 9843229 10-4050,53,63,64,68,65,69,66

Lab ID: **9843229001** Date Collected: 5/4/2010 08:57 Matrix: Waste Water
Sample ID: **Raw Inf. 10-4050** Date Received: 5/5/2010 17:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
bis(2-Ethylhexyl)phthalate	20.0		ug/L	2.8	EPA 625	5/10/10	SAS	5/13/10 15:40	CHS	D1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	84.2		%	38-134	EPA 625	5/10/10	SAS	5/13/10 15:40	CHS	D1
2-Fluorobiphenyl (S)	66.7		%	37-113	EPA 625	5/10/10	SAS	5/13/10 15:40	CHS	D1
2-Fluorophenol (S)	36.3		%	17-73	EPA 625	5/10/10	SAS	5/13/10 15:40	CHS	D1
Nitrobenzene-d5 (S)	73		%	37-124	EPA 625	5/10/10	SAS	5/13/10 15:40	CHS	D1
Phenol-d5 (S)	27.2		%	11-53	EPA 625	5/10/10	SAS	5/13/10 15:40	CHS	D1
Terphenyl-d14 (S)	18.4	1	%	33-125	EPA 625	5/10/10	SAS	5/13/10 15:40	CHS	D1
WET CHEMISTRY										
Phosphorus, Total	6.6		mg/L	0.50	EPA 365.1	5/6/10	TMY	5/10/10 01:51	KRK	A1
METALS										
Arsenic, Total	ND		mg/L	0.0050	EPA 200.7	5/6/10	SRT	5/6/10 16:34	JWK	B1
Cadmium, Total	0.0010		mg/L	0.0010	EPA 200.7	5/6/10	SRT	5/6/10 16:34	JWK	B1
Chromium, Total	0.017		mg/L	0.0025	EPA 200.7	5/6/10	SRT	5/6/10 16:34	JWK	B1
Copper, Total	0.084		mg/L	0.0050	EPA 200.7	5/6/10	SRT	5/6/10 16:34	JWK	B1
Lead, Total	0.028		mg/L	0.0030	EPA 200.7	5/6/10	SRT	5/6/10 16:34	JWK	B1
Mercury, Total (XLow-level)	0.0005		mg/L	0.0001	EPA 245.1	5/11/10	BLB	5/11/10 03:15	BLB	B2
Molybdenum, Total	0.039		mg/L	0.010	EPA 200.7	5/6/10	SRT	5/6/10 16:34	JWK	B1
Nickel, Total	0.011		mg/L	0.010	EPA 200.7	5/6/10	SRT	5/6/10 16:34	JWK	B1
Silver, Total	ND		mg/L	0.0020	EPA 200.7	5/6/10	SRT	5/6/10 16:34	JWK	B1
Zinc, Total	0.30		mg/L	0.010	EPA 200.7	5/6/10	SRT	5/6/10 16:34	JWK	B1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9843229 10-4050,53,63,64,68,65,69,66

Lab ID: **9843229002** Date Collected: 5/5/2010 09:00 Matrix: Waste Water

Sample ID: **Raw Inf. 10-4053** Date Received: 5/5/2010 17:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Cyanide, Total	ND		mg/L	0.0050	EPA 335.4	5/11/10	TMY	5/11/10 11:29	TMY	B2
Cyanide,Weak/Dissociable(Free)	ND		mg/L	0.0050	SM20-4500CNI	5/6/10	KLR	5/7/10 00:48	KRK	B1
Oil/Grease Hexane Extractable	7.4		mg/L	2.0	EPA 1664A			5/14/10 08:15	ELT	D
Oil/Grease Silica Gel Treated	ND		mg/L	2.0	EPA 1664A			5/14/10 08:15	ELT	D
Phenolics	0.04		mg/L	0.01	EPA 420.4	5/7/10	CMD	5/11/10 02:33	KRK	A
Salinity	ND		ppt	1	SM20-2520 B			5/12/10 01:06	SAD	F

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9843229 10-4050,53,63,64,68,65,69,66

Lab ID: **9843229003** Date Collected: 5/4/2010 09:36 Matrix: Waste Water

Sample ID: **Final Eff 10-4063** Date Received: 5/5/2010 17:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
bis(2-Ethylhexyl)phthalate	3.2		ug/L	2.8	EPA 625	5/10/10	SAS	5/13/10 16:30	CHS	D1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	78.5		%	38-134	EPA 625	5/10/10	SAS	5/13/10 16:30	CHS	D1
2-Fluorobiphenyl (S)	65.8		%	37-113	EPA 625	5/10/10	SAS	5/13/10 16:30	CHS	D1
2-Fluorophenol (S)	40.4		%	17-73	EPA 625	5/10/10	SAS	5/13/10 16:30	CHS	D1
Nitrobenzene-d5 (S)	63.8		%	37-124	EPA 625	5/10/10	SAS	5/13/10 16:30	CHS	D1
Phenol-d5 (S)	26		%	11-53	EPA 625	5/10/10	SAS	5/13/10 16:30	CHS	D1
Terphenyl-d14 (S)	54.6		%	33-125	EPA 625	5/10/10	SAS	5/13/10 16:30	CHS	D1
WET CHEMISTRY										
Phosphorus, Total	1.8		mg/L	0.20	EPA 365.1	5/6/10	TMY	5/10/10 01:51	KRK	A1
METALS										
Arsenic, Total	ND		mg/L	0.0050	EPA 200.7	5/6/10	SRT	5/6/10 16:39	JWK	B1
Cadmium, Total	ND		mg/L	0.0010	EPA 200.7	5/6/10	SRT	5/6/10 16:39	JWK	B1
Chromium, Total	0.0033		mg/L	0.0025	EPA 200.7	5/6/10	SRT	5/6/10 16:39	JWK	B1
Copper, Total	0.013		mg/L	0.0050	EPA 200.7	5/6/10	SRT	5/6/10 16:39	JWK	B1
Lead, Total	ND		mg/L	0.0030	EPA 200.7	5/6/10	SRT	5/12/10 11:32	JWK	B1
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	5/11/10	BLB	5/11/10 02:46	BLB	B2
Molybdenum, Total	0.024		mg/L	0.010	EPA 200.7	5/6/10	SRT	5/6/10 16:39	JWK	B1
Nickel, Total	ND		mg/L	0.010	EPA 200.7	5/6/10	SRT	5/6/10 16:39	JWK	B1
Silver, Total	ND		mg/L	0.0020	EPA 200.7	5/6/10	SRT	5/6/10 16:39	JWK	B1
Zinc, Total	0.046		mg/L	0.010	EPA 200.7	5/6/10	SRT	5/6/10 16:39	JWK	B1

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9843229 10-4050,53,63,64,68,65,69,66

Lab ID: **9843229004** Date Collected: 5/5/2010 09:41 Matrix: Waste Water

Sample ID: **Final Eff 10-4064** Date Received: 5/5/2010 17:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Cyanide, Total	ND		mg/L	0.0050	EPA 335.4	5/11/10	TMY	5/11/10 11:29	TMY	B2
Cyanide,Weak/Dissociable(Free)	ND		mg/L	0.0050	SM20-4500CNI	5/6/10	KLR	5/7/10 00:48	KRK	B1
Oil/Grease Hexane Extractable	ND		mg/L	2.0	EPA 1664A			5/14/10 08:15	ELT	D
Oil/Grease Silica Gel Treated	ND		mg/L	2.0	EPA 1664A			5/14/10 08:15	ELT	D
Phenolics	ND		mg/L	0.01	EPA 420.4	5/10/10	KEP	5/11/10 03:30	KRK	A
Salinity	ND		ppt	1	SM20-2520 B			5/12/10 01:06	SAD	F

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9843229 10-4050,53,63,64,68,65,69,66

Lab ID: **9843229005** Date Collected: 5/4/2010 09:30 Matrix: Waste Water

Sample ID: **6th 10-4068** Date Received: 5/5/2010 17:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Phosphorus, Total	3.4		mg/L	0.50	EPA 365.1	5/6/10	TMY	5/10/10 01:51	KRK	C1
METALS										
Arsenic, Total	ND		mg/L	0.0050	EPA 200.7	5/6/10	SRT	5/6/10 16:44	JWK	A1
Cadmium, Total	0.0011		mg/L	0.0010	EPA 200.7	5/6/10	SRT	5/6/10 16:44	JWK	A1
Chromium, Total	0.011		mg/L	0.0025	EPA 200.7	5/6/10	SRT	5/6/10 16:44	JWK	A1
Copper, Total	0.040		mg/L	0.0050	EPA 200.7	5/6/10	SRT	5/6/10 16:44	JWK	A1
Lead, Total	0.0097		mg/L	0.0030	EPA 200.7	5/6/10	SRT	5/6/10 16:44	JWK	A1
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	5/11/10	BLB	5/11/10 02:52	BLB	A2
Molybdenum, Total	0.066		mg/L	0.010	EPA 200.7	5/6/10	SRT	5/6/10 16:44	JWK	A1
Nickel, Total	ND		mg/L	0.010	EPA 200.7	5/6/10	SRT	5/6/10 16:44	JWK	A1
Silver, Total	ND		mg/L	0.0020	EPA 200.7	5/6/10	SRT	5/6/10 16:44	JWK	A1
Zinc, Total	0.18		mg/L	0.010	EPA 200.7	5/6/10	SRT	5/6/10 16:44	JWK	A1

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9843229 10-4050,53,63,64,68,65,69,66

Lab ID: **9843229006** Date Collected: 5/5/2010 09:32 Matrix: Waste Water

Sample ID: **6th 10-4065** Date Received: 5/5/2010 17:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Cyanide, Total	ND		mg/L	0.0050	EPA 335.4	5/12/10	KEP	5/12/10 13:16	KEP	D3
Cyanide,Weak/Dissociable(Free)	ND		mg/L	0.0050	SM20-4500CNI	5/6/10	KLR	5/7/10 00:48	KRK	D1
Oil/Grease Hexane Extractable	20.6		mg/L	2.1	EPA 1664A			5/14/10 08:15	ELT	A
Oil/Grease Silica Gel Treated	3.9		mg/L	2.1	EPA 1664A			5/14/10 08:15	ELT	A
Phenolics	0.1		mg/L	0.01	EPA 420.4	5/10/10	KEP	5/11/10 03:31	KRK	C

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9843229 10-4050,53,63,64,68,65,69,66

Lab ID: **9843229007** Date Collected: 5/4/2010 10:08 Matrix: Waste Water

Sample ID: **Grit 10-4069** Date Received: 5/5/2010 17:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Phosphorus, Total	3.2		mg/L	0.50	EPA 365.1	5/6/10	TMY	5/10/10 01:51	KRK	A1
METALS										
Arsenic, Total	ND		mg/L	0.0050	EPA 200.7	5/6/10	SRT	5/6/10 16:49	JWK	B1
Cadmium, Total	ND		mg/L	0.0010	EPA 200.7	5/6/10	SRT	5/6/10 16:49	JWK	B1
Chromium, Total	ND		mg/L	0.0025	EPA 200.7	5/6/10	SRT	5/6/10 16:49	JWK	B1
Copper, Total	0.048		mg/L	0.0050	EPA 200.7	5/6/10	SRT	5/6/10 16:49	JWK	B1
Lead, Total	0.0059		mg/L	0.0030	EPA 200.7	5/6/10	SRT	5/6/10 16:49	JWK	B1
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	5/11/10	BLB	5/11/10 02:54	BLB	B2
Molybdenum, Total	ND		mg/L	0.010	EPA 200.7	5/6/10	SRT	5/6/10 16:49	JWK	B1
Nickel, Total	ND		mg/L	0.010	EPA 200.7	5/6/10	SRT	5/6/10 16:49	JWK	B1
Silver, Total	ND		mg/L	0.0020	EPA 200.7	5/6/10	SRT	5/6/10 16:49	JWK	B1
Zinc, Total	0.12		mg/L	0.010	EPA 200.7	5/6/10	SRT	5/6/10 16:49	JWK	B1

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9843229 10-4050,53,63,64,68,65,69,66

Lab ID: **9843229008** Date Collected: 5/5/2010 10:10 Matrix: Waste Water

Sample ID: **Grit 10-4066** Date Received: 5/5/2010 17:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Cyanide, Total	ND		mg/L	0.0050	EPA 335.4	5/12/10	KEP	5/12/10 13:16	KEP	D3
Cyanide,Weak/Dissociable(Free)	ND		mg/L	0.0050	SM20-4500CNI	5/6/10	KLR	5/7/10 00:48	KRK	D1
Oil/Grease Hexane Extractable	15.4		mg/L	2.1	EPA 1664A			5/14/10 08:15	ELT	A
Oil/Grease Silica Gel Treated	ND		mg/L	2.1	EPA 1664A			5/14/10 08:15	ELT	A
Phenolics	0.03		mg/L	0.01	EPA 420.4	5/10/10	KEP	5/11/10 03:32	KRK	C

Sample Comments:

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9843229 10-4050,53,63,64,68,65,69,66

PARAMETER QUALIFIERS\FLAGS

[1] The surrogate Terphenyl-d14 for method EPA 625 was outside of control limits. The % Recovery was reported as 18.4 and the control limits were 33 to 125. This result was reported at a dilution of 1.

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ANALYTICAL RESULTS

Workorder: 9843237 10-4046

Lab ID: **9843237001** Date Collected: 5/5/2010 08:30 Matrix: Solid

Sample ID: **Beltpress Sludge 10-4046** Date Received: 5/5/2010 17:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	547	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Acenaphthylene	ND		ug/kg	547	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Anthracene	ND		ug/kg	547	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Benzidine	ND		ug/kg	10900	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Benzo(a)anthracene	ND		ug/kg	547	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Benzo(a)pyrene	ND		ug/kg	547	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Benzo(b)fluoranthene	ND		ug/kg	547	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Benzo(g,h,i)perylene	ND		ug/kg	547	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Benzo(k)fluoranthene	ND		ug/kg	547	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
4-Bromophenyl-phenylether	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Butylbenzylphthalate	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
4-Chloro-3-methylphenol	ND		ug/kg	2950	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Bis(2-Chloroethoxy)methane	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Bis(2-Chloroethyl)ether	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
bis(2-Chloroisopropyl)ether	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
-Chloronaphthalene	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
2-Chlorophenol	ND		ug/kg	2950	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
4-Chlorophenyl-phenylether	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Chrysene	ND		ug/kg	547	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Di-n-Butylphthalate	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Di-n-Octylphthalate	ND		ug/kg	2950	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Dibenzo(a,h)anthracene	ND		ug/kg	547	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
1,2-Dichlorobenzene	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
1,3-Dichlorobenzene	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
1,4-Dichlorobenzene	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
3,3-Dichlorobenzidine	ND		ug/kg	5910	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
2,4-Dichlorophenol	ND		ug/kg	2950	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Diethylphthalate	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
2,4-Dimethylphenol	ND		ug/kg	2950	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Dimethylphthalate	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
2,4-Dinitrophenol	ND		ug/kg	5910	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
2,4-Dinitrotoluene	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
2,6-Dinitrotoluene	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
1,2-Diphenylhydrazine	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
bis(2-Ethylhexyl)phthalate	24100		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Fluoranthene	594		ug/kg	547	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Fluorene	ND		ug/kg	547	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Hexachlorobenzene	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Hexachlorobutadiene	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Hexachlorocyclopentadiene	ND		ug/kg	2950	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Hexachloroethane	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Indeno(1,2,3-cd)pyrene	ND		ug/kg	547	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Isophorone	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
2-Methyl-4,6-dinitrophenol	ND		ug/kg	2950	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Naphthalene	1050		ug/kg	547	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
itrobenzene	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4

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ANALYTICAL RESULTS

Workorder: 9843237 10-4046

Lab ID: **9843237001** Date Collected: 5/5/2010 08:30 Matrix: Solid
Sample ID: **Beltpress Sludge 10-4046** Date Received: 5/5/2010 17:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Nitrophenol	ND		ug/kg	2950	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
4-Nitrophenol	ND		ug/kg	2950	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
N-Nitrosodimethylamine	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
N-Nitroso-di-n-propylamine	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
N-Nitrosodiphenylamine	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Pentachlorophenol	ND		ug/kg	5910	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Phenanthrene	684		ug/kg	547	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Phenol	23300		ug/kg	2950	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Pyrene	ND		ug/kg	547	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
1,2,4-Trichlorobenzene	ND		ug/kg	1090	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
2,4,6-Trichlorophenol	ND		ug/kg	2950	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	104		%	37-123	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
2-Fluorobiphenyl (S)	89.1		%	45-105	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
2-Fluorophenol (S)	79.7		%	35-104	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Nitrobenzene-d5 (S)	82.3		%	41-110	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Phenol-d5 (S)	81.6		%	40-100	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
Terphenyl-d14 (S)	100		%	38-113	SW846 8270D	5/6/10	MPP	5/7/10 16:27	CGS	A4
WET CHEMISTRY										
Color, Apparent	Black				In-House			5/19/10 08:30	AH	A
Cyanide, Total	1.9		mg/kg	1.3	SW846 9012B	5/6/10	KLR	5/7/10 00:48	KRK	A3
Cyanide,Weak/Dissociable(Free)	ND		mg/kg	1.4	SM20-4500CNI	5/18/10	KEP	5/19/10 13:40	KLR	A5
Hexane Extractable Material	76000		mg/kg	1090	SW846 9071B			5/7/10 05:00	JJS	A
Layering	None				In-House			5/19/10 08:30	AH	A
Moisture	81.7		%	0.1	SM20-2540 G			5/5/10 23:55	LJF	A
Number of Phases	1				In-House			5/19/10 08:30	AH	A
Odor	Sludge				In-House			5/19/10 08:30	AH	A
Phenolics	42.2	1	mg/kg	3.6	SW846 9066	5/12/10	KRK	5/13/10 04:49	KRK	A
Phosphorus, Total	14200	1	mg/kg	551	EPA 365.1	5/6/10	TMY	5/6/10 13:12	TMY	A2
Physical State	Solid				In-House			5/19/10 08:30	AH	A
Silica Gel Treated HEM	20000		mg/kg	1090	SW846 9071B			5/7/10 05:00	JJS	A
Total Solids	18.3		%	0.1	SM20-2540 G			5/5/10 23:55	LJF	A
METALS										
Chromium, Total	143		mg/kg	5.1	SW846 6010C	5/6/10	MNP	5/7/10 02:46	SRT	A1
Silver, Total	7.7		mg/kg	2.5	SW846 6010C	5/6/10	MNP	5/7/10 02:46	SRT	A1

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9843237 10-4046

Lab ID:	**9843237001**	Date Collected:	5/5/2010 08:30	Matrix:	Solid
Sample ID:	**Beltpress Sludge 10-4046**	Date Received:	5/5/2010 17:45		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9843237 10-4046

PARAMETER QUALIFIERS\FLAGS

[1] The recovery of the Matrix Spike (MS) associated to this analyte was outside of the established control limits.

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438001 Date Collected: 8/3/2010 08:23 Matrix: Waste Water

Sample ID: Raw Inf 10-6975 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Acenaphthylene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Anthracene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Benzidine	ND		ug/L	19.1	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
4-Bromophenyl-phenylether	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Butylbenzylphthalate	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
4-Chloro-3-methylphenol	ND		ug/L	7.7	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Bis(2-Chloroethyl)ether	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
[illegible]oronaphthalene	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
2-Chlorophenol	ND		ug/L	7.7	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
4-Chlorophenyl-phenylether	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Chrysene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Di-n-Butylphthalate	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Di-n-Octylphthalate	ND		ug/L	7.7	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
3,3-Dichlorobenzidine	ND		ug/L	15.3	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
2,4-Dichlorophenol	ND		ug/L	7.7	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Diethylphthalate	ND		ug/L	7.7	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
2,4-Dimethylphenol	ND		ug/L	7.7	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Dimethylphthalate	ND		ug/L	7.7	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
2,4-Dinitrophenol	ND		ug/L	15.3	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
2,4-Dinitrotoluene	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
2,6-Dinitrotoluene	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
1,2-Diphenylhydrazine	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
bis(2-Ethylhexyl)phthalate	38.1		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Fluoranthene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Fluorene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Hexachlorobenzene	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Hexachlorobutadiene	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Hexachlorocyclopentadiene	ND		ug/L	7.7	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Hexachloroethane	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Isophorone	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.7	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Naphthalene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Nitrobenzene	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
2-[illegible]phenol	ND		ug/L	7.7	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
4-N[illegible]ophenol	ND		ug/L	7.7	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
N-Nitrosodimethylamine	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438001 Date Collected: 8/3/2010 08:23 Matrix: Waste Water
Sample ID: Raw Inf 10-6975 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
N-Nitrosodiphenylamine	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Pentachlorophenol	ND		ug/L	15.3	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Phenanthrene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Phenol	12.9		ug/L	7.7	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Pyrene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
1,2,4-Trichlorobenzene	ND		ug/L	2.9	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
2,4,6-Trichlorophenol	ND		ug/L	7.7	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	85.8		%	38-134	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
2-Fluorobiphenyl (S)	94.9		%	37-113	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
2-Fluorophenol (S)	54.2		%	17-73	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Phenol-d5 (S)	35.8		%	11-53	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Terphenyl-d14 (S)	146	1	%	33-125	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Nitrobenzene-d5 (S)	117		%	37-124	EPA 625	8/10/10	GMG	8/12/10 08:24	CGS	C1
Pesticides and PCBs										
Aldrin	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
alpha-BHC	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
beta-BHC	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
delta-BHC	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
gamma-BHC	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Chlordane	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
4,4'-DDD	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
4,4'-DDE	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
4,4'-DDT	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Dieldrin	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Endosulfan I	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Endosulfan II	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Endosulfan Sulfate	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Endrin	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Endrin Aldehyde	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Heptachlor	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Heptachlor Epoxide	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Mirex	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Toxaphene	ND		ug/L	0.94	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Aroclor-1016	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Aroclor-1221	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Aroclor-1232	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Aroclor-1242	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Aroclor-1248	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Aroclor-1254	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Aroclor-1260	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	44.4		%	30-150	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1
Tetrachloro-m-xylene (S)	65.5		%	36-112	EPA 608	8/5/10	GMG	8/11/10 21:31	KJH	A1

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438001 Date Collected: 8/3/2010 08:23 Matrix: Waste Water

Sample ID: Raw Inf 10-6975 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Phosphorus, Total	8.6		mg/L	0.50	EPA 365.1	8/9/10	KRK	8/11/10 02:40	KRK	G1
METALS										
Antimony, Total	ND		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 14:27	JWK	E1
Arsenic, Total	ND		mg/L	0.0050	EPA 200.7	8/6/10	KMK	8/10/10 14:27	JWK	E1
Beryllium, Total	ND		mg/L	0.0020	EPA 200.7	8/6/10	KMK	8/10/10 14:27	JWK	E1
Cadmium, Total	0.0010		mg/L	0.0010	EPA 200.7	8/6/10	KMK	8/10/10 14:27	JWK	E1
Chromium, Total	0.039		mg/L	0.0025	EPA 200.7	8/6/10	KMK	8/10/10 14:27	JWK	E1
Copper, Total	0.10		mg/L	0.0050	EPA 200.7	8/6/10	KMK	8/10/10 14:27	JWK	E1
Lead, Total	0.034		mg/L	0.0030	EPA 200.7	8/6/10	KMK	8/10/10 14:27	JWK	E1
Mercury, Total (XLow-level)	0.0008		mg/L	0.0001	EPA 245.1	8/13/10	MNP	8/13/10 12:22	MNP	E2
Molybdenum, Total	0.034		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 14:27	JWK	E1
Nickel, Total	0.013		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 14:27	JWK	E1
S[illegible]nium, Total	ND		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 14:27	JWK	E1
S[illegible], Total	ND		mg/L	0.0020	EPA 200.7	8/6/10	KMK	8/10/10 14:27	JWK	E1
Thallium, Total	ND		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 14:27	JWK	E1
Zinc, Total	0.43		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 14:27	JWK	E1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438002 Date Collected: 8/4/2010 08:29 Matrix: Waste Water

Sample ID: Raw Inf 10-6976/6977/6978/6991 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Cyanide, Total	0.0070		mg/L	0.0050	EPA 335.4	8/11/10	TMG	8/11/10 12:05	TMG	E1
Cyanide,Weak/Dissociable(Free)	ND		mg/L	0.0050	SM20-4500CNI	8/12/10	KLR	8/13/10 08:48	KLR	D2
Oil/Grease Hexane Extractable	7.2		mg/L	2.0	EPA 1664A			8/9/10 08:00	NJA	A
Oil/Grease Silica Gel Treated	ND		mg/L	2.0	EPA 1664A			8/9/10 08:00	NJA	A
Phenolics	0.06		mg/L	0.01	EPA 420.4	8/6/10	RPE	8/10/10 03:16	KRK	C

Sample Comments:

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438009 Date Collected: 8/4/2010 14:57 Matrix: Waste Water

Sample ID: Comp of Grabs Raw 10-6991-7006 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acrolein	ND		ug/L	150	EPA 624			8/11/10 18:08	MES	A
Acrylonitrile	ND		ug/L	25.0	EPA 624			8/11/10 18:08	MES	A
Benzene	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
Bromodichloromethane	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
Bromoform	ND		ug/L	10.0	EPA 624			8/11/10 18:08	MES	A
Bromomethane	ND		ug/L	10.0	EPA 624			8/11/10 18:08	MES	A
Carbon Tetrachloride	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
Chlorobenzene	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
Chlorodibromomethane	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
Chloroethane	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
2-Chloroethylvinyl ether	ND		ug/L	10.0	EPA 624			8/11/10 18:08	MES	A
Chloroform	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
Chloromethane	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
1,1-Dichloroethane	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
1,2-Dichloroethane	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
Dichloroethene	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
trans-1,2-Dichloroethene	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
1,2-Dichloropropane	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
cis-1,3-Dichloropropene	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
trans-1,3-Dichloropropene	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
1,3-Dichloropropene, Total	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
Ethylbenzene	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
Methylene Chloride	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
Tetrachloroethene	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
Toluene	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
1,1,1-Trichloroethane	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
1,1,2-Trichloroethane	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
Trichloroethene	ND		ug/L	5.0	EPA 624			8/11/10 18:08	MES	A
Vinyl Chloride	ND		ug/L	10.0	EPA 624			8/11/10 18:08	MES	A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	98.2		%	72-142	EPA 624			8/11/10 18:08	MES	A
4-Bromofluorobenzene (S)	89.1		%	73-119	EPA 624			8/11/10 18:08	MES	A
Dibromofluoromethane (S)	98.7		%	74-132	EPA 624			8/11/10 18:08	MES	A
Toluene-d8 (S)	107		%	75-133	EPA 624			8/11/10 18:08	MES	A

Sample Comments:

The reporting limits for GCMS volatile analytes were raised due to the dilution of the sample caused by matrix.

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID:	9858438009	Date Collected:	8/4/2010 14:57	Matrix:	Waste Water
Sample ID:	Comp of Grabs Raw 10-6991-7006	Date Received:	8/4/2010 18:30		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438003 Date Collected: 8/3/2010 09:16 Matrix: Waste Water

Sample ID: Final Eff 10-6990 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Acenaphthylene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Anthracene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Benzidine	ND	2	ug/L	18.9	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
oronaphthalene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
2-Chlorophenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Chrysene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Di-n-Butylphthalate	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
3,3-Dichlorobenzidine	ND	3	ug/L	15.1	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Diethylphthalate	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
2,4-Dinitrophenol	ND		ug/L	15.1	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
bis(2-Ethylhexyl)phthalate	7.6		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Fluoranthene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Fluorene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Hexachloroethane	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Isophorone	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Naphthalene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Nitrobenzene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
2-[illegible]phenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
4-[illegible]ophenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
N-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438003 Date Collected: 8/3/2010 09:16 Matrix: Waste Water

Sample ID: Final Eff 10-6990 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Pentachlorophenol	ND		ug/L	15.1	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Phenanthrene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Phenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Pyrene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	83.6		%	38-134	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Phenol-d5 (S)	26.9		%	11-53	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Terphenyl-d14 (S)	72.2		%	33-125	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Nitrobenzene-d5 (S)	86.5		%	37-124	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
2-Fluorobiphenyl (S)	73.2		%	37-113	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
2-Fluorophenol (S)	42.8		%	17-73	EPA 625	8/10/10	GMG	8/11/10 18:48	CGS	C1
Pesticides and PCBs										
Aldrin	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
alpha-BHC	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
beta-BHC	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
delta-BHC	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
gamma-BHC	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Chlordane	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
4,4'-DDD	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
4,4'-DDE	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
4,4'-DDT	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Dieldrin	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Endosulfan I	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Endosulfan II	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Endosulfan Sulfate	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Endrin	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Endrin Aldehyde	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Heptachlor	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Heptachlor Epoxide	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Mirex	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Toxaphene	ND		ug/L	0.94	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Aroclor-1016	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Aroclor-1221	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Aroclor-1232	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Aroclor-1242	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Aroclor-1248	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Aroclor-1254	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Aroclor-1260	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	59.1		%	30-150	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1
Tetrachloro-m-xylene (S)	91.9		%	36-112	EPA 608	8/5/10	GMG	8/9/10 23:40	KJH	A1

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438003 Date Collected: 8/3/2010 09:16 Matrix: Waste Water

Sample ID: Final Eff 10-6990 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Phosphorus, Total	3.5		mg/L	0.20	EPA 365.1	8/9/10	KRK	8/11/10 02:40	KRK	G1
METALS										
Antimony, Total	ND		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 14:58	JWK	E1
Arsenic, Total	ND		mg/L	0.0050	EPA 200.7	8/6/10	KMK	8/10/10 14:58	JWK	E1
Beryllium, Total	ND		mg/L	0.0020	EPA 200.7	8/6/10	KMK	8/10/10 14:58	JWK	E1
Cadmium, Total	ND		mg/L	0.0010	EPA 200.7	8/6/10	KMK	8/10/10 14:58	JWK	E1
Chromium, Total	0.0053		mg/L	0.0025	EPA 200.7	8/6/10	KMK	8/10/10 14:58	JWK	E1
Copper, Total	0.020		mg/L	0.0050	EPA 200.7	8/6/10	KMK	8/10/10 14:58	JWK	E1
Lead, Total	ND		mg/L	0.0030	EPA 200.7	8/6/10	KMK	8/10/10 14:58	JWK	E1
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	8/13/10	MNP	8/13/10 11:31	MNP	E2
Molybdenum, Total	0.020		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 14:58	JWK	E1
Nickel, Total	ND		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 14:58	JWK	E1
S[illegible]ium, Total	ND		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 14:58	JWK	E1
S[illegible], Total	ND		mg/L	0.0020	EPA 200.7	8/6/10	KMK	8/10/10 14:58	JWK	E1
Thallium, Total	ND		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 14:58	JWK	E1
Zinc, Total	0.072		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 14:58	JWK	E1

Sample Comments:

One or more of the matrix spike compounds for the EPA 625 analysis were recovered outside of the quality control limits due to sample matrix interferences. The LCS sample associated to this sample was within control limits.

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: **9858438004** Date Collected: 8/4/2010 07:49 Matrix: Waste Water

Sample ID: **Final Eff 10-6952/6953** Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Cyanide, Total	ND		mg/L	0.0050	EPA 335.4	8/6/10	TMG	8/6/10 11:43	TMG	D1
Cyanide,Weak/Dissociable(Free)	ND		mg/L	0.0050	SM20-4500CNI	8/12/10	KLR	8/13/10 08:48	KLR	D2
Oil/Grease Hexane Extractable	ND		mg/L	2.0	EPA 1664A			8/9/10 08:00	NJA	A
Oil/Grease Silica Gel Treated	ND		mg/L	2.0	EPA 1664A			8/9/10 08:00	NJA	A
Phenolics	ND		mg/L	0.01	EPA 420.4	8/6/10	RPE	8/10/10 03:17	KRK	C

Sample Comments:

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Laboratory Manager

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438010 Date Collected: 8/4/2010 15:02 Matrix: Waste Water

Sample ID: Comp of Grabs FE 10-6953-7007 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acrolein	ND		ug/L	30.0	EPA 624			8/11/10 18:41	MES	A
Acrylonitrile	ND		ug/L	5.0	EPA 624			8/11/10 18:41	MES	A
Benzene	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
Bromodichloromethane	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
Bromoform	ND		ug/L	2.0	EPA 624			8/11/10 18:41	MES	A
Bromomethane	ND		ug/L	2.0	EPA 624			8/11/10 18:41	MES	A
Carbon Tetrachloride	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
Chlorobenzene	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
Chlorodibromomethane	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
Chloroethane	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
2-Chloroethylvinyl ether	ND		ug/L	2.0	EPA 624			8/11/10 18:41	MES	A
Chloroform	3.1		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
Chloromethane	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
1,1-Dichloroethane	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
1,2-Dichloroethane	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
1 ichloroethene	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
trans-1,2-Dichloroethene	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
1,2-Dichloropropane	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
cis-1,3-Dichloropropene	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
trans-1,3-Dichloropropene	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
Ethylbenzene	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
Methylene Chloride	2.0		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
Tetrachloroethene	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
Toluene	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
1,1,1-Trichloroethane	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
1,1,2-Trichloroethane	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
Trichloroethene	ND		ug/L	1.0	EPA 624			8/11/10 18:41	MES	A
Vinyl Chloride	ND		ug/L	2.0	EPA 624			8/11/10 18:41	MES	A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	94.5		%	72-142	EPA 624			8/11/10 18:41	MES	A
4-Bromofluorobenzene (S)	86.6		%	73-119	EPA 624			8/11/10 18:41	MES	A
Dibromofluoromethane (S)	97.3		%	74-132	EPA 624			8/11/10 18:41	MES	A
Toluene-d8 (S)	112		%	75-133	EPA 624			8/11/10 18:41	MES	A

Sample Comments:

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID:	9858438010	Date Collected:	8/4/2010 15:02	Matrix:	Waste Water
Sample ID:	Comp of Grabs FE 10-6953-7007	Date Received:	8/4/2010 18:30		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438007 Date Collected: 8/3/2010 09:04 Matrix: Waste Water

Sample ID: 6th 10-6995 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Acenaphthylene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Anthracene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Benzidine	ND		ug/L	18.9	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
[illegible]oronaphthalene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
2-[illegible]hlorophenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Chrysene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Di-n-Butylphthalate	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
3,3-Dichlorobenzidine	ND		ug/L	15.1	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Diethylphthalate	7.8		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
2,4-Dinitrophenol	ND		ug/L	15.1	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
bis(2-Ethylhexyl)phthalate	32.9		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Fluoranthene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Fluorene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Hexachloroethane	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Isophorone	5.1		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Naphthalene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Nitrobenzene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
2-[illegible]phenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
4-[illegible]ophenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
N-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438007 Date Collected: 8/3/2010 09:04 Matrix: Waste Water

Sample ID: 6th 10-6995 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Pentachlorophenol	ND		ug/L	15.1	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Phenanthrene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Phenol	9.3		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Pyrene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	81.2		%	38-134	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Terphenyl-d14 (S)	127	5	%	33-125	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Phenol-d5 (S)	30.9		%	11-53	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Nitrobenzene-d5 (S)	103		%	37-124	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
2-Fluorobiphenyl (S)	95.1		%	37-113	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
2-Fluorophenol (S)	42.7		%	17-73	EPA 625	8/10/10	GMG	8/12/10 12:30	CGS	C1
Pesticides and PCBs										
Aldrin	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
alpha-BHC	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
beta-BHC	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
delta-BHC	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
gamma-BHC	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Chlordane	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
4,4'-DDD	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
4,4'-DDE	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
4,4'-DDT	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Dieldrin	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Endosulfan I	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Endosulfan II	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Endosulfan Sulfate	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Endrin	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Endrin Aldehyde	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Heptachlor	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Heptachlor Epoxide	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Mirex	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Toxaphene	ND		ug/L	0.94	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Aroclor-1016	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Aroclor-1221	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Aroclor-1232	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Aroclor-1242	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Aroclor-1248	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Aroclor-1254	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Aroclor-1260	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	45.3		%	30-150	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1
Tetrachloro-m-xylene (S)	77.3		%	36-112	EPA 608	8/5/10	GMG	8/11/10 21:01	KJH	A1

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438007 Date Collected: 8/3/2010 09:04 Matrix: Waste Water

Sample ID: 6th 10-6995 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Phosphorus, Total	5.4		mg/L	0.50	EPA 365.1	8/9/10	KRK	8/11/10 02:40	KRK	G1
METALS										
Antimony, Total	ND		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 15:06	JWK	E1
Arsenic, Total	ND		mg/L	0.0050	EPA 200.7	8/6/10	KMK	8/10/10 15:06	JWK	E1
Beryllium, Total	ND		mg/L	0.0020	EPA 200.7	8/6/10	KMK	8/10/10 15:06	JWK	E1
Cadmium, Total	ND		mg/L	0.0010	EPA 200.7	8/6/10	KMK	8/10/10 15:06	JWK	E1
Chromium, Total	0.043		mg/L	0.0025	EPA 200.7	8/6/10	KMK	8/10/10 15:06	JWK	E1
Copper, Total	0.031		mg/L	0.0050	EPA 200.7	8/6/10	KMK	8/10/10 15:06	JWK	E1
Lead, Total	0.014		mg/L	0.0030	EPA 200.7	8/6/10	KMK	8/10/10 15:06	JWK	E1
Mercury, Total (XLow-level)	0.001		mg/L	0.0004	EPA 245.1	8/13/10	MNP	8/13/10 12:30	MNP	E2
Molybdenum, Total	0.036		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 15:06	JWK	E1
Nickel, Total	ND		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 15:06	JWK	E1
Selenium, Total	ND		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 15:06	JWK	E1
Silver, Total	ND		mg/L	0.0020	EPA 200.7	8/6/10	KMK	8/10/10 15:06	JWK	E1
Thallium, Total	ND		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 15:06	JWK	E1
Zinc, Total	0.29		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 15:06	JWK	E1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438008 Date Collected: 8/4/2010 09:08 Matrix: Waste Water

Sample ID: 6th 10-6997 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Cyanide, Total	ND		mg/L	0.0050	EPA 335.4	8/6/10	TMG	8/6/10 13:32	TMG	D1
Cyanide,Weak/Dissociable(Free)	ND		mg/L	0.0050	SM20-4500CNI	8/12/10	KLR	8/13/10 08:48	KLR	D2
Oil/Grease Hexane Extractable	14.5		mg/L	2.0	EPA 1664A			8/9/10 08:00	NJA	A
Oil/Grease Silica Gel Treated	ND		mg/L	2.0	EPA 1664A			8/9/10 08:00	NJA	A
Phenolics	ND		mg/L	0.01	EPA 420.4	8/6/10	RPE	8/10/10 03:54	KRK	C

Sample Comments:

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Laboratory Manager

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438012 | Date Collected: 8/4/2010 15:12 | Matrix: Waste Water

Sample ID: Comp of Grabs 6th 10-6997-7009 | Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acrolein	ND		ug/L	150	EPA 624			8/11/10 19:47	MES	A
Acrylonitrile	ND		ug/L	25.0	EPA 624			8/11/10 19:47	MES	A
Benzene	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
Bromodichloromethane	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
Bromoform	ND		ug/L	10.0	EPA 624			8/11/10 19:47	MES	A
Bromomethane	ND		ug/L	10.0	EPA 624			8/11/10 19:47	MES	A
Carbon Tetrachloride	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
Chlorobenzene	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
Chlorodibromomethane	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
Chloroethane	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
2-Chloroethylvinyl ether	ND		ug/L	10.0	EPA 624			8/11/10 19:47	MES	A
Chloroform	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
Chloromethane	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
1,1-Dichloroethane	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
1,2-Dichloroethane	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
1,1-Dichloroethene	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
1,2-Dichloroethene	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
1,2-Dichloropropane	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
cis-1,3-Dichloropropene	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
trans-1,3-Dichloropropene	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
1,3-Dichloropropene, Total	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
Ethylbenzene	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
Methylene Chloride	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
Tetrachloroethene	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
Toluene	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
1,1,1-Trichloroethane	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
1,1,2-Trichloroethane	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
Trichloroethene	ND		ug/L	5.0	EPA 624			8/11/10 19:47	MES	A
Vinyl Chloride	ND		ug/L	10.0	EPA 624			8/11/10 19:47	MES	A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	94.7		%	72-142	EPA 624			8/11/10 19:47	MES	A
4-Bromofluorobenzene (S)	85.3		%	73-119	EPA 624			8/11/10 19:47	MES	A
Dibromofluoromethane (S)	97.3		%	74-132	EPA 624			8/11/10 19:47	MES	A
Toluene-d8 (S)	107		%	75-133	EPA 624			8/11/10 19:47	MES	A

Sample Comments:

The reporting limits for GCMS volatile analytes were raised due to the dilution of the sample caused by matrix.

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID:	9858438012	Date Collected:	8/4/2010 15:12	Matrix:	Waste Water
Sample ID:	Comp of Grabs 6th 10-6997-7009	Date Received:	8/4/2010 18:30		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438005 Date Collected: 8/3/2010 08:35 Matrix: Waste Water

Sample ID: GC 10-6993 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Acenaphthylene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Anthracene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Benzidine	ND		ug/L	18.9	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
2-Chloronaphthalene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
2[illegible]rophenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Chrysene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Di-n-Butylphthalate	6.1		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
3,3-Dichlorobenzidine	ND		ug/L	15.1	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Diethylphthalate	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
2,4-Dinitrophenol	ND		ug/L	15.1	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
bis(2-Ethylhexyl)phthalate	29.9		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Fluoranthene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Fluorene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Hexachloroethane	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Isophorone	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Naphthalene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Nitrobenzene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
2-Nitrophenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
4-N[illegible]phenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
N-N[illegible]sodimethylamine	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438005 Date Collected: 8/3/2010 08:35 Matrix Waste Water
Sample ID: GC 10-6993 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Pentachlorophenol	ND		ug/L	15.1	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Phenanthrene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Phenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Pyrene	ND		ug/L	1.4	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	80.6		%	38-134	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Terphenyl-d14 (S)	108		%	33-125	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Phenol-d5 (S)	31.4		%	11-53	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
Nitrobenzene-d5 (S)	105		%	37-124	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
2-Fluorobiphenyl (S)	81.1		%	37-113	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1
2-Fluorophenol (S)	45.5		%	17-73	EPA 625	8/10/10	GMG	8/12/10 10:03	CGS	C1

P ·ides and PCBs

Aldrin	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
alpha-BHC	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
beta-BHC	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
delta-BHC	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
gamma-BHC	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Chlordane	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
4,4'-DDD	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
4,4'-DDE	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
4,4'-DDT	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Dieldrin	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Endosulfan I	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Endosulfan II	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Endosulfan Sulfate	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Endrin	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Endrin Aldehyde	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Heptachlor	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Heptachlor Epoxide	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Mirex	ND		ug/L	0.024	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Toxaphene	ND		ug/L	0.94	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Aroclor-1016	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Aroclor-1221	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Aroclor-1232	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Aroclor-1242	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Aroclor-1248	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Aroclor-1254	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Aroclor-1260	ND		ug/L	0.47	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
D· ·hlorobiphenyl (S)	62.2		%	30-150	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1
Tetrachloro-m-xylene (S)	77.8		%	36-112	EPA 608	8/5/10	GMG	8/11/10 22:01	KJH	A1

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438005 Date Collected: 8/3/2010 08:35 Matrix: Waste Water

Sample ID: GC 10-6993 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Phosphorus, Total	4.4		mg/L	0.50	EPA 365.1	8/9/10	KRK	8/11/10 02:40	KRK	G1
METALS										
Antimony, Total	ND		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 15:02	JWK	E1
Arsenic, Total	ND		mg/L	0.0050	EPA 200.7	8/6/10	KMK	8/10/10 15:02	JWK	E1
Beryllium, Total	ND		mg/L	0.0020	EPA 200.7	8/6/10	KMK	8/10/10 15:02	JWK	E1
Cadmium, Total	ND		mg/L	0.0010	EPA 200.7	8/6/10	KMK	8/10/10 15:02	JWK	E1
Chromium, Total	ND		mg/L	0.0025	EPA 200.7	8/6/10	KMK	8/10/10 15:02	JWK	E1
Copper, Total	0.054		mg/L	0.0050	EPA 200.7	8/6/10	KMK	8/10/10 15:02	JWK	E1
Lead, Total	0.0045		mg/L	0.0030	EPA 200.7	8/6/10	KMK	8/10/10 15:02	JWK	E1
Mercury, Total (XLow-level)	ND	4	mg/L	0.00007	EPA 245.1	8/13/10	MNP	8/13/10 11:33	MNP	E2
Molybdenum, Total	ND		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 15:02	JWK	E1
Nickel, Total	ND		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 15:02	JWK	E1
Selenium, Total	ND		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 15:02	JWK	E1
S[illegible]r, Total	ND		mg/L	0.0020	EPA 200.7	8/6/10	KMK	8/10/10 15:02	JWK	E1
[illegible]um, Total	ND		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 15:02	JWK	E1
Zinc, Total	0.15		mg/L	0.010	EPA 200.7	8/6/10	KMK	8/10/10 15:02	JWK	E1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438006 Date Collected: 8/4/2010 08:39 Matrix: Waste Water

Sample ID: GC 10-6994 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Cyanide, Total	ND		mg/L	0.0050	EPA 335.4	8/6/10	TMG	8/6/10 11:43	TMG	D1
Cyanide,Weak/Dissociable(Free)	ND		mg/L	0.0050	SM20-4500CNI	8/12/10	KLR	8/13/10 08:48	KLR	D2
Oil/Grease Hexane Extractable	11.6		mg/L	2.0	EPA 1664A			8/9/10 08:00	NJA	A
Oil/Grease Silica Gel Treated	ND		mg/L	2.0	EPA 1664A			8/9/10 08:00	NJA	A
Phenolics	0.02		mg/L	0.01	EPA 420.4	8/6/10	RPE	8/10/10 03:54	KRK	C

Sample Comments:

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Laboratory Manager

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID: 9858438011 Date Collected: 8/4/2010 15:00 Matrix: Waste Water

Sample ID: Comp of Grabs GC 10-6994-7008 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acrolein	ND		ug/L	150	EPA 624			8/11/10 19:14	MES	A
Acrylonitrile	ND		ug/L	25.0	EPA 624			8/11/10 19:14	MES	A
Benzene	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
Bromodichloromethane	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
Bromoform	ND		ug/L	10.0	EPA 624			8/11/10 19:14	MES	A
Bromomethane	ND		ug/L	10.0	EPA 624			8/11/10 19:14	MES	A
Carbon Tetrachloride	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
Chlorobenzene	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
Chlorodibromomethane	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
Chloroethane	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
2-Chloroethylvinyl ether	ND		ug/L	10.0	EPA 624			8/11/10 19:14	MES	A
Chloroform	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
Chloromethane	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
1,1-Dichloroethane	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
1,2-Dichloroethane	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
1,1-Dichloroethene	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
trans-1,2-Dichloroethene	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
1,2-Dichloropropane	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
cis-1,3-Dichloropropene	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
trans-1,3-Dichloropropene	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
1,3-Dichloropropene, Total	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
Ethylbenzene	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
Methylene Chloride	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
Tetrachloroethene	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
Toluene	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
1,1,1-Trichloroethane	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
1,1,2-Trichloroethane	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
Trichloroethene	ND		ug/L	5.0	EPA 624			8/11/10 19:14	MES	A
Vinyl Chloride	ND		ug/L	10.0	EPA 624			8/11/10 19:14	MES	A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	103		%	72-142	EPA 624			8/11/10 19:14	MES	A
4-Bromofluorobenzene (S)	85.2		%	73-119	EPA 624			8/11/10 19:14	MES	A
Dibromofluoromethane (S)	98.8		%	74-132	EPA 624			8/11/10 19:14	MES	A
Toluene-d8 (S)	111		%	75-133	EPA 624			8/11/10 19:14	MES	A

Sample Comments:

The reporting limits for GCMS volatile analytes were raised due to the dilution of the sample caused by matrix.

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ANALYTICAL RESULTS

Workorder 9858438 10-6975 to 10-7009

Lab ID:	9858438011	Date Collected:	8/4/2010 15:00	Matrix:	Waste Water
Sample ID:	Comp of Grabs GC 10-6994-7008	Date Received:	8/4/2010 18:30		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder 9858438 10-6975 to 10-7009

PARAMETER QUALIFIERS\FLAGS

[1] The surrogate Terphenyl-d14 for method EPA 625 was outside of control limits. The % Recovery was reported as 146 and the control limits were 33 to 125. This result was reported at a dilution of 1.

[2] The QC sample type MS for method EPA 625 was outside the control limits for the analyte Benzidine. The % Recovery was reported as 0 and the control limits were 5 to 248.

[3] The QC sample type MS for method EPA 625 was outside the control limits for the analyte 3,3-Dichlorobenzidine. The % Recovery was reported as 0 and the control limits were 3 to 262.

[4] The recovery of the Matrix Spike (MS) associated to this analyte was outside of the established control limits. The sample was post-digestion spiked, and this matrix spike was outside acceptable recovery limits.

[5] The surrogate Terphenyl-d14 for method EPA 625 was outside of control limits. The % Recovery was reported as 127 and the control limits were 33 to 125. This result was reported at a dilution of 1.

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ANALYTICAL RESULTS

Workorder 9858442 10-6957

Lab ID: **9858442001** Date Collected: 8/4/2010 07:44 Matrix: Solid

Sample ID: **Belt Press Sludge 10-6957** Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acrolein	ND		ug/kg	6710	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Acrylonitrile	ND		ug/kg	1340	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Benzene	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Bromodichloromethane	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Bromoform	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Bromomethane	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
2-Butanone	ND		ug/kg	2680	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Carbon Tetrachloride	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Chlorobenzene	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Chlorodibromomethane	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Chloroethane	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
2-Chloroethylvinyl ether	ND		ug/kg	805	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Chloroform	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Chloromethane	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
1,1-Dichloroethane	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
1,2-Dichloroethane	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
1,1-Dichloroethene	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
trans-1,2-Dichloroethene	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
1,2-Dichloropropane	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
1,3-Dichloropropene, Total	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Ethylbenzene	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Methylene Chloride	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
1,1,2,2-Tetrachloroethane	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Tetrachloroethene	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Toluene	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
1,1,1-Trichloroethane	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
1,1,2-Trichloroethane	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Trichloroethene	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Vinyl Chloride	ND		ug/kg	268	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	57.4	2	%	71-146	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
4-Bromofluorobenzene (S)	36.7	4	%	46-138	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Dibromofluoromethane (S)	50.8		%	42-143	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
Toluene-d8 (S)	47	3	%	54-141	8260/5035	8/5/10	DJB	8/11/10 19:16	DJB	B1
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	275	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Acenaphthylene	ND		ug/kg	275	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Anthracene	ND		ug/kg	275	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Benzidine	ND		ug/kg	5500	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Benzo(a)anthracene	ND		ug/kg	275	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Benzo(a)pyrene	ND		ug/kg	275	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Benzo(b)fluoranthene	ND		ug/kg	275	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Benzo(g,h,i)perylene	ND		ug/kg	275	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Benzo(k)fluoranthene	ND		ug/kg	275	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5

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ANALYTICAL RESULTS

Workorder 9858442 10-6957

Lab ID: 9858442001 Date Collected: 8/4/2010 07:44 Matrix: Solid

Sample ID: Belt Press Sludge 10-6957 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
4-Bromophenyl-phenylether	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Butylbenzylphthalate	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
4-Chloro-3-methylphenol	ND		ug/kg	1480	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Bis(2-Chloroethoxy)methane	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Bis(2-Chloroethyl)ether	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
bis(2-Chloroisopropyl)ether	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
2-Chloronaphthalene	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
2-Chlorophenol	ND		ug/kg	1480	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
4-Chlorophenyl-phenylether	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Chrysene	ND		ug/kg	275	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Di-n-Butylphthalate	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Di-n-Octylphthalate	ND		ug/kg	1480	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Dibenzo(a,h)anthracene	ND		ug/kg	275	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
1,2-Dichlorobenzene	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
1,3-Dichlorobenzene	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
1,4-Dichlorobenzene	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
3,3-Dichlorobenzidine	ND		ug/kg	2970	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
2 chlorophenol	ND		ug/kg	1480	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Diethylphthalate	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
2,4-Dimethylphenol	ND		ug/kg	1480	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Dimethylphthalate	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
2,4-Dinitrophenol	ND		ug/kg	2970	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
2,4-Dinitrotoluene	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
2,6-Dinitrotoluene	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
1,2-Diphenylhydrazine	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
bis(2-Ethylhexyl)phthalate	40500		ug/kg	2750	SW846 8270D	8/6/10	LEH	8/11/10 13:31	CHS	A5
Fluoranthene	825		ug/kg	275	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Fluorene	278		ug/kg	275	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Hexachlorobenzene	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Hexachlorobutadiene	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Hexachlorocyclopentadiene	ND		ug/kg	1480	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Hexachloroethane	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Indeno(1,2,3-cd)pyrene	ND		ug/kg	275	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Isophorone	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
2-Methyl-4,6-dinitrophenol	ND		ug/kg	1480	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Naphthalene	666		ug/kg	275	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Nitrobenzene	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
2-Nitrophenol	ND		ug/kg	1480	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
4-Nitrophenol	ND		ug/kg	1480	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
N-Nitrosodimethylamine	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
N-Nitroso-di-n-propylamine	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
N-Nitrosodiphenylamine	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Pentachlorophenol	ND		ug/kg	2970	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Phenanthrene	1010		ug/kg	275	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Phenol	35600		ug/kg	1480	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Py	658		ug/kg	275	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
1,2 richlorobenzene	ND		ug/kg	550	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5

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ANALYTICAL RESULTS

Workorder 9858442 10-6957

Lab ID: 9858442001 Date Collected: 8/4/2010 07:44 Matrix: Solid

Sample ID: Belt Press Sludge 10-6957 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2,4,6-Trichlorophenol	ND		ug/kg	1480	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	50.6		%	37-123	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Phenol-d5 (S)	54.3		%	40-100	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Terphenyl-d14 (S)	64.8		%	38-113	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
Nitrobenzene-d5 (S)	67.5		%	41-110	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
2-Fluorobiphenyl (S)	49.2		%	45-105	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
2-Fluorophenol (S)	46.5		%	35-104	SW846 8270D	8/6/10	LEH	8/9/10 00:30	CGS	A5
2,4,6-Tribromophenol (S)	45.8		%	37-123	SW846 8270D	8/6/10	LEH	8/11/10 13:31	CHS	A5
Terphenyl-d14 (S)	63.3		%	38-113	SW846 8270D	8/6/10	LEH	8/11/10 13:31	CHS	A5
Phenol-d5 (S)	48.9		%	40-100	SW846 8270D	8/6/10	LEH	8/11/10 13:31	CHS	A5
Nitrobenzene-d5 (S)	49		%	41-110	SW846 8270D	8/6/10	LEH	8/11/10 13:31	CHS	A5
2-Fluorophenol (S)	46.4		%	35-104	SW846 8270D	8/6/10	LEH	8/11/10 13:31	CHS	A5
2-Fluorobiphenyl (S)	51.7		%	45-105	SW846 8270D	8/6/10	LEH	8/11/10 13:31	CHS	A5
PCBs										
T[illegible] Polychlorinated Bi[illegible]enyl	ND		mg/kg	0.18	SW846 8082A	8/5/10	SAS	8/5/10 16:21	JEA	A1
Aroclor-1016	ND		mg/kg	0.18	SW846 8082A	8/5/10	SAS	8/5/10 16:21	JEA	A1
Aroclor-1221	ND		mg/kg	0.18	SW846 8082A	8/5/10	SAS	8/5/10 16:21	JEA	A1
Aroclor-1232	ND		mg/kg	0.18	SW846 8082A	8/5/10	SAS	8/5/10 16:21	JEA	A1
Aroclor-1242	ND		mg/kg	0.18	SW846 8082A	8/5/10	SAS	8/5/10 16:21	JEA	A1
Aroclor-1248	ND		mg/kg	0.18	SW846 8082A	8/5/10	SAS	8/5/10 16:21	JEA	A1
Aroclor-1254	ND		mg/kg	0.18	SW846 8082A	8/5/10	SAS	8/5/10 16:21	JEA	A1
Aroclor-1260	ND		mg/kg	0.18	SW846 8082A	8/5/10	SAS	8/5/10 16:21	JEA	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	47.6		%	30-150	SW846 8082A	8/5/10	SAS	8/5/10 16:21	JEA	A1
Tetrachloro-m-xylene (S)	94.4		%	30-150	SW846 8082A	8/5/10	SAS	8/5/10 16:21	JEA	A1
PESTICIDES										
Aldrin	ND		ug/kg	46.4	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
alpha-BHC	ND		ug/kg	46.4	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
beta-BHC	ND		ug/kg	46.4	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
delta-BHC	ND		ug/kg	46.4	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
gamma-BHC	ND		ug/kg	46.4	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
Chlordane	ND		ug/kg	1910	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
4,4'-DDD	ND		ug/kg	90.1	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
4,4'-DDE	ND		ug/kg	90.1	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
4,4'-DDT	ND		ug/kg	90.1	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
Dieldrin	ND		ug/kg	90.1	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
Endosulfan I	ND		ug/kg	46.4	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
Endosulfan II	ND		ug/kg	90.1	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
Endosulfan Sulfate	ND		ug/kg	90.1	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
En[illegible]	ND		ug/kg	90.1	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
Er[illegible] Aldehyde	ND		ug/kg	90.1	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2

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ANALYTICAL RESULTS

Workorder 9858442 10-6957

Lab ID: 9858442001 Date Collected: 8/4/2010 07:44 Matrix: Solid

Sample ID: Belt Press Sludge 10-6957 Date Received: 8/4/2010 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Heptachlor	ND		ug/kg	46.4	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
Heptachlor Epoxide	ND		ug/kg	46.4	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
Toxaphene	ND		ug/kg	1910	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	80.3		%	30-150	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
Tetrachloro-m-xylene (S)	78.1		%	30-131	SW846 8081B	8/5/10	SAS	8/6/10 07:03	KJH	A2
WET CHEMISTRY										
Ammonia-nitrogen, Total	7020		mg/kg	47.7	SM4500D	8/10/10	ARK	8/11/10 10:30	ARK	A8
Biochemical Oxygen Demand	55600		mg/kg	11.1	SM20-5210 B			8/6/10 05:26	JEP	A
Color, Apparent	BLACK				In-House			8/19/10 12:00	AH	A
Cyanide, Total	1.9		mg/kg	1.3	SW846 9012B	8/11/10	TMG	8/11/10 14:04	TMG	A10
Cyanide,Weak/Dissociable(Free)	ND		mg/kg	1.4	SM20-4500CNI	8/12/10	KLR	8/13/10 08:48	KLR	A11
Hexane Extractable Material	59700		mg/kg	1120	SW846 9071B			8/13/10 12:00	NJA	A
L[illegible]ring	NONE				In-House			8/19/10 12:00	AH	A
I[illegible]ure	82.0		%	0.1	SM20-2540 G			8/6/10 06:15	KMW	A
Number of Phases	1				In-House			8/19/10 12:00	AH	A
Odor	SLUDGE				In-House			8/19/10 12:00	AH	A
Phenolics	31.2		mg/kg	1.8	SW846 9066	8/11/10	KRK	8/11/10 10:15	KLR	A
Phosphorus, Total	18300	1	mg/kg	542	EPA 365.1	8/9/10	KRK	8/12/10 07:28	TMG	A6
Physical State	SOLID				In-House			8/19/10 12:00	AH	A
Silica Gel Treated HEM	22000		mg/kg	1120	SW846 9071B			8/13/10 12:00	NJA	A
Total Solids	18.0		%	0.1	SM20-2540 G			8/6/10 06:15	KMW	A
METALS										
Antimony, Total	ND		mg/kg	9.4	SW846 6010C	12/30/99	KMK	8/17/10 03:50	SRT	A9
Arsenic, Total	ND		mg/kg	9.4	SW846 6010C	12/30/99	KMK	8/11/10 05:47	SRT	A7
Beryllium, Total	ND		mg/kg	4.7	SW846 6010C	12/30/99	KMK	8/17/10 03:50	SRT	A9
Cadmium, Total	4.3		mg/kg	2.4	SW846 6010C	12/30/99	KMK	8/11/10 05:47	SRT	A7
Chromium, Total	135		mg/kg	4.7	SW846 6010C	12/30/99	KMK	8/11/10 05:47	SRT	A7
Copper, Total	657		mg/kg	9.4	SW846 6010C	12/30/99	KMK	8/11/10 05:47	SRT	A7
Lead, Total	154		mg/kg	9.4	SW846 6010C	12/30/99	KMK	8/11/10 05:47	SRT	A7
Mercury, Total	4.2		mg/kg	0.94	SW846 7471B	8/6/10	MNP	8/6/10 13:27	MNP	A3
Molybdenum, Total	56.9		mg/kg	9.4	SW846 6010C	12/30/99	KMK	8/11/10 05:47	SRT	A7
Nickel, Total	81.0		mg/kg	9.4	SW846 6010C	12/30/99	KMK	8/11/10 05:47	SRT	A7
Selenium, Total	ND		mg/kg	23.6	SW846 6010C	12/30/99	KMK	8/17/10 03:50	SRT	A9
Silver, Total	8.7		mg/kg	2.4	SW846 6010C	12/30/99	KMK	8/17/10 03:50	SRT	A9
Thallium, Total	ND		mg/kg	14.2	SW846 6010C	12/30/99	KMK	8/17/10 03:50	SRT	A9
Zinc, Total	1900		mg/kg	9.4	SW846 6010C	12/30/99	KMK	8/11/10 05:47	SRT	A7

Sample Comments:

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ANALYTICAL RESULTS

Workorder 9858442 10-6957

Lab ID:	**9858442001**	Date Collected:	8/4/2010 07:44	Matrix:	Solid
Sample ID:	**Belt Press Sludge 10-6957**	Date Received:	8/4/2010 18:30		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr

This sample was analyzed at a dilution in the 8081 Pesticide analysis due to sample matrix interference. Reporting limits were adjusted accordingly.

One or more of the GCMS semi-volatile internal standards were recovered at <50%. The sample was reanalyzed with similar results indicating a sample matrix interference.

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder 9858442 10-6957

PARAMETER QUALIFIERS\FLAGS

[1] The recovery of the Matrix Spike (MS) associated to this analyte was outside of the established control limits.

[2] The surrogate 1,2-Dichloroethane-d4 for method 8260/5035 was outside of control limits. The % Recovery was reported as 57.4 and the control limits were 71 to 146. This result was reported at a dilution of 50.

[3] The surrogate Toluene-d8 for method 8260/5035 was outside of control limits. The % Recovery was reported as 47 and the control limits were 54 to 141. This result was reported at a dilution of 50.

[4] The surrogate 4-Bromofluorobenzene for method 8260/5035 was outside of control limits. The % Recovery was reported as 36.7 and the control limits were 46 to 138. This result was reported at a dilution of 50.

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ANALYTICAL RESULTS

Workorder: 9869460 10-9263 Quarterly

Lab ID: **9869460001** Date Collected: 10/6/2010 08:40 Matrix: Solid

Sample ID: **Belt Press Sludge 10-9263** Date Received: 10/6/2010 19:20

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	1310	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Acenaphthylene	ND		ug/kg	1310	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Anthracene	ND		ug/kg	1310	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Benzidine	ND		ug/kg	26200	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Benzo(a)anthracene	ND		ug/kg	1310	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Benzo(a)pyrene	ND		ug/kg	1310	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Benzo(b)fluoranthene	ND		ug/kg	1310	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Benzo(g,h,i)perylene	ND		ug/kg	1310	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Benzo(k)fluoranthene	ND		ug/kg	1310	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
4-Bromophenyl-phenylether	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Butylbenzylphthalate	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
4-Chloro-3-methylphenol	ND		ug/kg	7060	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
bis(2-Chloroethoxy)methane	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
bis(2-Chloroethyl)ether	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
bis(2-Chloroisopropyl)ether	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
?-Chloronaphthalene	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
-Chlorophenol	ND		ug/kg	7060	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
4-Chlorophenyl-phenylether	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Chrysene	ND		ug/kg	1310	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Di-n-Butylphthalate	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Di-n-Octylphthalate	ND		ug/kg	7060	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Dibenzo(a,h)anthracene	ND		ug/kg	1570	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
1,2-Dichlorobenzene	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
1,3-Dichlorobenzene	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
1,4-Dichlorobenzene	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
3,3-Dichlorobenzidine	ND		ug/kg	14100	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
2,4-Dichlorophenol	ND		ug/kg	7060	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Diethylphthalate	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
2,4-Dimethylphenol	ND		ug/kg	7060	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Dimethylphthalate	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
2,4-Dinitrophenol	ND		ug/kg	14100	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
2,4-Dinitrotoluene	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
2,6-Dinitrotoluene	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
1,2-Diphenylhydrazine	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
bis(2-Ethylhexyl)phthalate	46100		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Fluoranthene	ND		ug/kg	1310	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Fluorene	ND		ug/kg	1310	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Hexachlorobenzene	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Hexachlorobutadiene	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Hexachlorocyclopentadiene	ND		ug/kg	7060	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Hexachloroethane	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1310	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Isophorone	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
2-Methyl-4,6-dinitrophenol	ND		ug/kg	7060	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Naphthalene	ND		ug/kg	1310	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
trobenzene	ND		ug/kg	3140	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6

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ANALYTICAL RESULTS

Workorder: 9869460 10-9263 Quarterly

Lab ID: **9869460001** Date Collected: 10/6/2010 08:40 Matrix: Solid

Sample ID: **Belt Press Sludge 10-9263** Date Received: 10/6/2010 19:20

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Nitrophenol	ND		ug/kg	7060	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
4-Nitrophenol	ND		ug/kg	7060	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
N-Nitrosodimethylamine	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
N-Nitroso-di-n-propylamine	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
N-Nitrosodiphenylamine	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Pentachlorophenol	ND		ug/kg	14100	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Phenanthrene	1600		ug/kg	1310	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Phenol	ND		ug/kg	7060	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Pyrene	ND		ug/kg	1310	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
1,2,4-Trichlorobenzene	ND		ug/kg	2620	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
2,4,6-Trichlorophenol	ND		ug/kg	7060	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	78.9		%	37-123	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
2-Fluorobiphenyl (S)	81.8		%	45-105	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
2-Fluorophenol (S)	76.6		%	35-104	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
Nitrobenzene-d5 (S)	79.4		%	41-110	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
henol-d5 (S)	74.5		%	40-100	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
.erphenyl-d14 (S)	59.9		%	38-113	SW846 8270D	10/15/10	EGO	10/16/10 20:52	CGS	A6
WET CHEMISTRY										
Color, Apparent	BLACK				In-House			10/20/10 14:40	AH	A
Cyanide, Total	3.6		mg/kg	1.3	SW846 9012B	10/11/10	KLR	10/11/10 13:37	KLR	A2
Cyanide,Weak/Dissociable(Free)	1.6		mg/kg	1.3	SM20-4500CNI	10/11/10	KLR	10/11/10 15:22	KLR	A3
Hexane Extractable Material	58400	1	mg/kg	1040	SW846 9071B			10/20/10 07:00	AH	A
Layering	NONE				In-House			10/20/10 14:40	AH	A
Moisture	80.9		%	0.1	SM20-2540 G			10/8/10 01:15	LJF	A
Number of Phases	1				In-House			10/20/10 14:40	AH	A
Odor	SLUDGE				In-House			10/20/10 14:40	AH	A
Phenolics	9.1		mg/kg	2.3	SW846 9066	10/12/10	MLM	10/13/10 02:18	KRK	A
Phosphorus, Total	17600		mg/kg	523	EPA 365.1	10/14/10	MLM	10/15/10 01:20	KRK	A5
Physical State	SOLID				In-House			10/20/10 14:40	AH	A
Silica Gel Treated HEM	22000		mg/kg	1040	SW846 9071B			10/20/10 07:00	AH	A
Total Solids	19.1		%	0.1	SM20-2540 G			10/8/10 01:15	LJF	A
METALS										
Chromium, Total	147		mg/kg	5.0	SW846 6010C	10/13/10	KMK	10/14/10 06:04	SRT	A4
Silver, Total	11.4		mg/kg	2.5	SW846 6010C	10/13/10	KMK	10/14/10 06:04	SRT	A4

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9869460 10-9263 Quarterly

Lab ID:	**9869460001**	Date Collected:	10/6/2010 08:40	Matrix:	Solid
Sample ID:	**Belt Press Sludge 10-9263**	Date Received:	10/6/2010 19:20		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9869460 10-9263 Quarterly

PARAMETER QUALIFIERS\FLAGS

[1] Due to sample matrix interferences, this analyte was outside laboratory control limits.

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ANALYTICAL RESULTS

Workorder: 9878985 Quarterly Testing

Lab ID: **9878985001** Date Collected: 12/1/2010 08:34 Matrix: Waste Water

Sample ID: **Raw Inf, 10-11151** Date Received: 12/3/2010 19:38

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Acenaphthylene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Anthracene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Benzidine	ND		ug/L	28.3	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
2-Chloronaphthalene	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
-Chlorophenol	ND		ug/L	7.5	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Chrysene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Di-n-Butylphthalate	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Dibenzo(a,h)anthracene	ND		ug/L	1.9	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
3,3-Dichlorobenzidine	ND		ug/L	15.1	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Diethylphthalate	ND		ug/L	7.5	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
2,4-Dinitrophenol	ND		ug/L	15.1	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
bis(2-Ethylhexyl)phthalate	22.6		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Fluoranthene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Fluorene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Hexachloroethane	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Isophorone	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Naphthalene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Nitrobenzene	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
2-Nitrophenol	ND		ug/L	7.5	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
4-Nitrophenol	ND		ug/L	7.5	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
N-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1

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ANALYTICAL RESULTS

Workorder: 9878985 Quarterly Testing

Lab ID: **9878985001** Date Collected: 12/1/2010 08:34 Matrix: Waste Water

Sample ID: **Raw Inf, 10-11151** Date Received: 12/3/2010 19:38

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Pentachlorophenol	ND		ug/L	15.1	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Phenanthrene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Phenol	9.3		ug/L	7.5	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Pyrene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	92.3		%	38-134	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
2-Fluorobiphenyl (S)	82.2		%	37-113	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
2-Fluorophenol (S)	37.7		%	17-73	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Nitrobenzene-d5 (S)	76.2		%	37-124	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Phenol-d5 (S)	30.2		%	11-53	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
Terphenyl-d14 (S)	10	1	%	33-125	EPA 625	12/7/10	CAC	12/9/10 11:34	CGS	F1
'ET CHEMISTRY										
'hosphorus, Total	5.8		mg/L	0.50	EPA 365.1	12/8/10	KLR	12/9/10 05:36	KRK	A1
METALS										
Mercury, Total (XLow-level)	0.0001		mg/L	0.00007	EPA 245.1	12/6/10	MNP	12/6/10 11:10	MNP	B1
Arsenic, Total	ND		mg/L	0.0050	EPA 200.7	12/7/10	KMK	12/9/10 13:37	JWK	B2
Cadmium, Total	ND		mg/L	0.0010	EPA 200.7	12/7/10	KMK	12/9/10 13:37	JWK	B2
Chromium, Total	0.0086		mg/L	0.0025	EPA 200.7	12/7/10	KMK	12/9/10 13:37	JWK	B2
Copper, Total	0.048		mg/L	0.0050	EPA 200.7	12/7/10	KMK	12/9/10 13:37	JWK	B2
Lead, Total	0.011		mg/L	0.0030	EPA 200.7	12/7/10	KMK	12/9/10 13:37	JWK	B2
Molybdenum, Total	0.027		mg/L	0.010	EPA 200.7	12/7/10	KMK	12/9/10 13:37	JWK	B2
Nickel, Total	ND		mg/L	0.010	EPA 200.7	12/7/10	KMK	12/9/10 13:37	JWK	B2
Silver, Total	ND		mg/L	0.0020	EPA 200.7	12/7/10	KMK	12/9/10 13:37	JWK	B2
Zinc, Total	0.19		mg/L	0.010	EPA 200.7	12/7/10	KMK	12/9/10 13:37	JWK	B2

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9878985 Quarterly Testing

Lab ID: **9878985002** Date Collected: 12/2/2010 08:38 Matrix: Waste Water

Sample ID: **Raw Inf, 10-11152** Date Received: 12/3/2010 19:38

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Cyanide, Total	ND		mg/L	0.0050	EPA 335.4	12/6/10	KLR	12/6/10 14:54	KLR	D1
Cyanide,Weak/Dissociable(Free)	ND		mg/L	0.0050	SM20-4500CNI	12/9/10	MLM	12/9/10 14:09	MLM	D2
Oil/Grease Hexane Extractable	21.3		mg/L	2.1	EPA 1664A			12/14/10 08:00	NJA	A
Oil/Grease Silica Gel Treated	15.1		mg/L	2.1	EPA 1664A			12/14/10 08:00	NJA	A
Phenolics	0.03		mg/L	0.01	EPA 420.4	12/5/10	MLM	12/7/10 11:07	KLR	C

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9878985 Quarterly Testing

Lab ID: **9878985003** Date Collected: 12/1/2010 09:34 Matrix: Waste Water

Sample ID: **Final Eff, 10-11164** Date Received: 12/3/2010 19:38

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Acenaphthylene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Anthracene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Benzidine	ND		ug/L	28.6	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
4-Bromophenyl-phenylether	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Butylbenzylphthalate	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
4-Chloro-3-methylphenol	ND		ug/L	7.6	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
bis(2-Chloroethoxy)methane	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
bis(2-Chloroethyl)ether	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
-Chloronaphthalene	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
2-Chlorophenol	ND		ug/L	7.6	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
4-Chlorophenyl-phenylether	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Chrysene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Di-n-Butylphthalate	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Di-n-Octylphthalate	ND		ug/L	7.6	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Dibenzo(a,h)anthracene	ND		ug/L	1.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
3,3-Dichlorobenzidine	ND		ug/L	15.2	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
2,4-Dichlorophenol	ND		ug/L	7.6	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Diethylphthalate	ND		ug/L	7.6	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
2,4-Dimethylphenol	ND		ug/L	7.6	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Dimethylphthalate	ND		ug/L	7.6	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
2,4-Dinitrophenol	ND		ug/L	15.2	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
2,4-Dinitrotoluene	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
2,6-Dinitrotoluene	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
1,2-Diphenylhydrazine	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
bis(2-Ethylhexyl)phthalate	5.6		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Fluoranthene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Fluorene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Hexachlorobenzene	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Hexachlorobutadiene	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Hexachlorocyclopentadiene	ND		ug/L	7.6	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Hexachloroethane	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Isophorone	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.6	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Naphthalene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Nitrobenzene	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
2-Nitrophenol	ND		ug/L	7.6	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
-Nitrophenol	ND		ug/L	7.6	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
-Nitrosodimethylamine	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1

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ANALYTICAL RESULTS

Workorder: 9878985 Quarterly Testing

Lab ID: **9878985003** Date Collected: 12/1/2010 09:34 Matrix: Waste Water

Sample ID: **Final Eff, 10-11164** Date Received: 12/3/2010 19:38

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
N-Nitrosodiphenylamine	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Pentachlorophenol	ND		ug/L	15.2	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Phenanthrene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Phenol	ND		ug/L	7.6	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Pyrene	ND		ug/L	1.4	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
1,2,4-Trichlorobenzene	ND		ug/L	2.9	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
2,4,6-Trichlorophenol	ND		ug/L	7.6	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	85.6		%	38-134	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
2-Fluorobiphenyl (S)	77		%	37-113	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
2-Fluorophenol (S)	42.4		%	17-73	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Nitrobenzene-d5 (S)	72.2		%	37-124	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Phenol-d5 (S)	27.1		%	11-53	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
Terphenyl-d14 (S)	63.6		%	33-125	EPA 625	12/7/10	CAC	12/9/10 10:47	CGS	F1
WET CHEMISTRY										
Phosphorus, Total	2.9		mg/L	0.20	EPA 365.1	12/8/10	KLR	12/9/10 05:36	KRK	A1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	12/6/10	MNP	12/6/10 11:12	MNP	B1
Arsenic, Total	ND		mg/L	0.0050	EPA 200.7	12/7/10	KMK	12/9/10 13:42	JWK	B2
Cadmium, Total	ND		mg/L	0.0010	EPA 200.7	12/7/10	KMK	12/9/10 13:42	JWK	B2
Chromium, Total	0.0053		mg/L	0.0025	EPA 200.7	12/7/10	KMK	12/9/10 13:42	JWK	B2
Copper, Total	0.020		mg/L	0.0050	EPA 200.7	12/7/10	KMK	12/9/10 13:42	JWK	B2
Lead, Total	0.0034		mg/L	0.0030	EPA 200.7	12/7/10	KMK	12/9/10 13:42	JWK	B2
Molybdenum, Total	0.023		mg/L	0.010	EPA 200.7	12/7/10	KMK	12/9/10 13:42	JWK	B2
Nickel, Total	ND		mg/L	0.010	EPA 200.7	12/7/10	KMK	12/9/10 13:42	JWK	B2
Silver, Total	ND		mg/L	0.0020	EPA 200.7	12/7/10	KMK	12/9/10 13:42	JWK	B2
Zinc, Total	0.075		mg/L	0.010	EPA 200.7	12/7/10	KMK	12/9/10 13:42	JWK	B2

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9878985 Quarterly Testing

Lab ID: **9878985004** Date Collected: 12/2/2010 07:52 Matrix: Waste Water

Sample ID: **Final Eff, 10-11147** Date Received: 12/3/2010 19:38

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Cyanide, Total	0.011		mg/L	0.0050	EPA 335.4	12/6/10	KLR	12/6/10 14:54	KLR	D1
Cyanide,Weak/Dissociable(Free)	0.011		mg/L	0.0050	SM20-4500CNI	12/9/10	MLM	12/9/10 14:09	MLM	D2
Oil/Grease Hexane Extractable	ND		mg/L	2.0	EPA 1664A			12/14/10 08:00	NJA	A
Oil/Grease Silica Gel Treated	ND		mg/L	2.0	EPA 1664A			12/14/10 08:00	NJA	A
Phenolics	ND		mg/L	0.01	EPA 420.4	12/9/10	TMG	12/13/10 10:08	KLR	C

Sample Comments:

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Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9878985 Quarterly Testing

Lab ID: **9878985005** Date Collected: 12/1/2010 09:08 Matrix: Waste Water

Sample ID: **6th, 10-11168** Date Received: 12/3/2010 19:38

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Phosphorus, Total	3.7		mg/L	0.20	EPA 365.1	12/8/10	KLR	12/9/10 05:36	KRK	A1
METALS										
Mercury, Total (XLow-level)	0.0001		mg/L	0.00007	EPA 245.1	12/6/10	MNP	12/6/10 11:14	MNP	B1
Arsenic, Total	ND		mg/L	0.0050	EPA 200.7	12/7/10	KMK	12/9/10 13:46	JWK	B2
Cadmium, Total	ND		mg/L	0.0010	EPA 200.7	12/7/10	KMK	12/9/10 13:46	JWK	B2
Chromium, Total	0.010		mg/L	0.0025	EPA 200.7	12/7/10	KMK	12/9/10 13:46	JWK	B2
Copper, Total	0.058		mg/L	0.0050	EPA 200.7	12/7/10	KMK	12/9/10 13:46	JWK	B2
Lead, Total	0.020		mg/L	0.0030	EPA 200.7	12/7/10	KMK	12/9/10 13:46	JWK	B2
Molybdenum, Total	0.039		mg/L	0.010	EPA 200.7	12/7/10	KMK	12/9/10 13:46	JWK	B2
Nickel, Total	ND		mg/L	0.010	EPA 200.7	12/7/10	KMK	12/9/10 13:46	JWK	B2
Silver, Total	ND		mg/L	0.0020	EPA 200.7	12/7/10	KMK	12/9/10 13:46	JWK	B2
Zinc, Total	0.17		mg/L	0.010	EPA 200.7	12/7/10	KMK	12/9/10 13:46	JWK	B2

Sample Comments:

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Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9878985 Quarterly Testing

Lab ID: **9878985006** Date Collected: 12/2/2010 09:11 Matrix: Waste Water

Sample ID: **6th, 10-11169** Date Received: 12/3/2010 19:38

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Cyanide, Total	ND		mg/L	0.0050	EPA 335.4	12/6/10	KLR	12/6/10 14:54	KLR	D1
Cyanide,Weak/Dissociable(Free)	ND		mg/L	0.0050	SM20-4500CNI	12/9/10	MLM	12/9/10 14:09	MLM	D2
Oil/Grease Hexane Extractable	41.3		mg/L	2.1	EPA 1664A			12/14/10 08:00	NJA	A
Oil/Grease Silica Gel Treated	7.4		mg/L	2.1	EPA 1664A			12/14/10 08:00	NJA	A
Phenolics	0.05		mg/L	0.01	EPA 420.4	12/5/10	MLM	12/7/10 11:16	KLR	C

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9878985 Quarterly Testing

Lab ID: **9878985007** Date Collected: 12/1/2010 08:40 Matrix: Waste Water

Sample ID: **Grit, 10-11165** Date Received: 12/3/2010 19:38

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Phosphorus, Total	3.1		mg/L	0.20	EPA 365.1	12/8/10	KLR	12/9/10 05:36	KRK	A1
METALS										
Mercury, Total (XLow-level)	0.00009		mg/L	0.00007	EPA 245.1	12/6/10	MNP	12/6/10 11:24	MNP	B1
Arsenic, Total	ND		mg/L	0.0050	EPA 200.7	12/13/10	KMK	12/15/10 10:47	JWK	D
Cadmium, Total	ND		mg/L	0.0010	EPA 200.7	12/13/10	KMK	12/15/10 10:47	JWK	D
Chromium, Total	0.0055		mg/L	0.0025	EPA 200.7	12/13/10	KMK	12/15/10 10:47	JWK	D
Copper, Total	0.067		mg/L	0.0050	EPA 200.7	12/13/10	KMK	12/15/10 10:47	JWK	D
Lead, Total	0.0039		mg/L	0.0030	EPA 200.7	12/13/10	KMK	12/15/10 10:47	JWK	D
Molybdenum, Total	0.011		mg/L	0.010	EPA 200.7	12/13/10	KMK	12/15/10 10:47	JWK	D
Nickel, Total	ND		mg/L	0.010	EPA 200.7	12/13/10	KMK	12/15/10 10:47	JWK	D
Silver, Total	ND		mg/L	0.0020	EPA 200.7	12/13/10	KMK	12/15/10 10:47	JWK	D
Zinc, Total	0.27		mg/L	0.010	EPA 200.7	12/13/10	KMK	12/15/10 10:47	JWK	D

Sample Comments:

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Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9878985 Quarterly Testing

Lab ID: **9878985008** Date Collected: 12/2/2010 08:43 Matrix: Waste Water

Sample ID: **Grit, 10-11166** Date Received: 12/3/2010 19:38

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Cyanide, Total	ND		mg/L	0.0050	EPA 335.4	12/6/10	KLR	12/6/10 14:54	KLR	D1
Oil/Grease Hexane Extractable	11.6		mg/L	2.1	EPA 1664A			12/14/10 08:00	NJA	A
Oil/Grease Silica Gel Treated	5.3		mg/L	2.1	EPA 1664A			12/14/10 08:00	NJA	A
Phenolics	0.03		mg/L	0.01	EPA 420.4	12/5/10	MLM	12/7/10 11:17	KLR	C

Sample Comments:

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9878985 Quarterly Testing

PARAMETER QUALIFIERS\FLAGS

[1] The surrogate Terphenyl-d14 for method EPA 625 was outside of control limits. The % Recovery was reported as 10 and the control limits were 33 to 125. This result was reported at a dilution of 1.

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ANALYTICAL RESULTS

Workorder: 9825730 10-168,180,184,182

Lab ID: **9825730001** Date Collected: 1/5/2010 08:10 Matrix: Waste Water

Sample ID: **10-168 Influent** Date Received: 1/6/2010 19:35

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	14.5	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Acenaphthylene	ND		ug/L	14.5	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Anthracene	ND		ug/L	14.5	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Benzidine	ND		ug/L	290	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Benzo(a)anthracene	ND		ug/L	14.5	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Benzo(a)pyrene	ND		ug/L	14.5	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Benzo(b)fluoranthene	ND		ug/L	14.5	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Benzo(g,h,i)perylene	ND		ug/L	14.5	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Benzo(k)fluoranthene	ND		ug/L	14.5	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
4-Bromophenyl-phenylether	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Butylbenzylphthalate	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
4-Chloro-3-methylphenol	ND		ug/L	77.3	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Bis(2-Chloroethoxy)methane	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Bis(2-Chloroethyl)ether	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
bis(2-Chloroisopropyl)ether	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
-Chloronaphthalene	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
2-Chlorophenol	ND		ug/L	77.3	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
4-Chlorophenyl-phenylether	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Chrysene	ND		ug/L	14.5	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Di-n-Butylphthalate	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Di-n-Octylphthalate	ND		ug/L	77.3	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Dibenzo(a,h)anthracene	ND		ug/L	14.5	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
3,3-Dichlorobenzidine	ND		ug/L	77.3	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
2,4-Dichlorophenol	ND		ug/L	77.3	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Diethylphthalate	ND		ug/L	77.3	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
2,4-Dimethylphenol	ND		ug/L	77.3	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Dimethylphthalate	ND		ug/L	77.3	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
2,4-Dinitrophenol	ND		ug/L	155	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
2,4-Dinitrotoluene	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
2,6-Dinitrotoluene	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
1,2-Diphenylhydrazine	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
bis(2-Ethylhexyl)phthalate	32.4		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Fluoranthene	ND		ug/L	14.5	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Fluorene	ND		ug/L	14.5	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Hexachlorobenzene	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Hexachlorobutadiene	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Hexachlorocyclopentadiene	ND		ug/L	77.3	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Hexachloroethane	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	14.5	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Isophorone	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	77.3	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Naphthalene	ND		ug/L	14.5	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Nitrobenzene	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
2-Nitrophenol	ND		ug/L	77.3	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
'-Nitrophenol	ND		ug/L	77.3	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
-Nitrosodimethylamine	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1

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ANALYTICAL RESULTS

Workorder: 9825730 10-168,180,184,182

Lab ID: **9825730001** Date Collected: 1/5/2010 08:10 Matrix: Waste Water

Sample ID: **10-168 Influent** Date Received: 1/6/2010 19:35

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
N-Nitrosodiphenylamine	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Pentachlorophenol	ND		ug/L	155	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Phenanthrene	ND		ug/L	14.5	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Phenol	ND		ug/L	77.3	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Pyrene	ND		ug/L	14.5	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
1,2,4-Trichlorobenzene	ND		ug/L	29.0	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
2,4,6-Trichlorophenol	ND		ug/L	77.3	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	98		%	38-134	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
2-Fluorobiphenyl (S)	94		%	37-113	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
2-Fluorophenol (S)	45.3		%	17-73	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Nitrobenzene-d5 (S)	87.7		%	37-124	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Phenol-d5 (S)	33.1		%	11-53	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
Terphenyl-d14 (S)	76.2		%	33-125	EPA 625	1/7/10	GEC	1/14/10 14:41	CGS	B1
METALS										
Mercury, Total (XLow-level)	0.0023		mg/L	0.0007	EPA 245.1	1/15/10	BLB	1/15/10 11:31	BLB	A1

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9825730 10-168,180,184,182

Lab ID: **9825730002** Date Collected: 1/5/2010 09:15 Matrix: Waste Water

Sample ID: **10-180 Effluent** Date Received: 1/6/2010 19:35

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.5	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Acenaphthylene	ND		ug/L	1.5	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Anthracene	ND		ug/L	1.5	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Benzidine	ND		ug/L	30.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Benzo(a)anthracene	ND		ug/L	1.5	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Benzo(a)pyrene	ND		ug/L	1.5	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Benzo(b)fluoranthene	ND		ug/L	1.5	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Benzo(g,h,i)perylene	ND		ug/L	1.5	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Benzo(k)fluoranthene	ND		ug/L	1.5	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
4-Bromophenyl-phenylether	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Butylbenzylphthalate	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
4-Chloro-3-methylphenol	ND		ug/L	8.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Bis(2-Chloroethoxy)methane	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Bis(2-Chloroethyl)ether	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
bis(2-Chloroisopropyl)ether	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
2-Chloronaphthalene	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
2-Chlorophenol	ND		ug/L	8.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
4-Chlorophenyl-phenylether	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Chrysene	ND		ug/L	1.5	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Di-n-Butylphthalate	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Di-n-Octylphthalate	ND		ug/L	8.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Dibenzo(a,h)anthracene	ND		ug/L	1.5	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
3,3-Dichlorobenzidine	ND		ug/L	8.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
2,4-Dichlorophenol	ND		ug/L	8.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Diethylphthalate	ND		ug/L	8.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
2,4-Dimethylphenol	ND		ug/L	8.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Dimethylphthalate	ND		ug/L	8.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
2,4-Dinitrophenol	ND		ug/L	16.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
2,4-Dinitrotoluene	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
2,6-Dinitrotoluene	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
1,2-Diphenylhydrazine	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
bis(2-Ethylhexyl)phthalate	7.4		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Fluoranthene	ND		ug/L	1.5	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Fluorene	ND		ug/L	1.5	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Hexachlorobenzene	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Hexachlorobutadiene	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Hexachlorocyclopentadiene	ND		ug/L	8.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Hexachloroethane	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.5	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Isophorone	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	8.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Naphthalene	ND		ug/L	1.5	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Nitrobenzene	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
2-Nitrophenol	ND		ug/L	8.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
4-Nitrophenol	ND		ug/L	8.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
N-Nitrosodimethylamine	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1

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ANALYTICAL RESULTS

Workorder: 9825730 10-168,180,184,182

Lab ID: **9825730002** Date Collected: 1/5/2010 09:15 Matrix: Waste Water

Sample ID: **10-180 Effluent** Date Received: 1/6/2010 19:35

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
N-Nitrosodiphenylamine	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Pentachlorophenol	ND		ug/L	16.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Phenanthrene	ND		ug/L	1.5	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Phenol	ND		ug/L	8.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Pyrene	ND		ug/L	1.5	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
1,2,4-Trichlorobenzene	ND		ug/L	3.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
2,4,6-Trichlorophenol	ND		ug/L	8.0	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	83.4		%	38-134	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
2-Fluorobiphenyl (S)	64.6		%	37-113	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
2-Fluorophenol (S)	41.3		%	17-73	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Nitrobenzene-d5 (S)	67.1		%	37-124	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Phenol-d5 (S)	27.6		%	11-53	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
Terphenyl-d14 (S)	69.1		%	33-125	EPA 625	1/7/10	GEC	1/9/10 01:47	CGS	B1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	1/15/10	BLB	1/15/10 10:06	BLB	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9825730 10-168,180,184,182

Lab ID:	**9825730003**	Date Collected:	1/5/2010 10:08	Matrix:	Waste Water
Sample ID:	**10-184 6th**	Date Received:	1/6/2010 19:35		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0001		mg/L	0.00007	EPA 245.1	1/15/10	BLB	1/15/10 10:12	BLB	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9825730 10-168,180,184,182

Lab ID: **9825730004** Date Collected: 1/5/2010 09:38 Matrix: Waste Water

Sample ID: **10-182 GC** Date Received: 1/6/2010 19:35

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0001	1	mg/L	0.00007	EPA 245.1	1/15/10	BLB	1/15/10 10:15	BLB	A1

Sample Comments:

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Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9825730 10-168,180,184,182

PARAMETER QUALIFIERS\FLAGS

[1] One of the two matrix spike analyses performed on this sample failed to meet acceptable recovery limits. The other matrix spike was within acceptable recovery limits. Matrix interferences are the possible cause for the failure.

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ANALYTICAL RESULTS

Workorder: 9825729 10-164

Lab ID: **9825729001** Date Collected: 1/5/2010 08:30 Matrix: Solid

Sample ID: **10-164 Biosolids** Date Received: 1/6/2010 19:35

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	1350	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Acenaphthylene	ND		ug/kg	1350	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Anthracene	ND		ug/kg	1350	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Benzidine	ND		ug/kg	27100	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Benzo(a)anthracene	ND		ug/kg	1350	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Benzo(a)pyrene	ND		ug/kg	1350	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Benzo(b)fluoranthene	ND		ug/kg	1350	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Benzo(g,h,i)perylene	ND		ug/kg	1350	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Benzo(k)fluoranthene	ND		ug/kg	1350	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
4-Bromophenyl-phenylether	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Butylbenzylphthalate	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
4-Chloro-3-methylphenol	ND		ug/kg	7310	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Bis(2-Chloroethoxy)methane	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Bis(2-Chloroethyl)ether	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
bis(2-Chloroisopropyl)ether	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
-Chloronaphthalene	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
2-Chlorophenol	ND		ug/kg	7310	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
4-Chlorophenyl-phenylether	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Chrysene	ND		ug/kg	1350	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Di-n-Butylphthalate	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Di-n-Octylphthalate	ND		ug/kg	7310	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Dibenzo(a,h)anthracene	ND		ug/kg	1350	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
1,2-Dichlorobenzene	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
1,3-Dichlorobenzene	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
1,4-Dichlorobenzene	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
3,3-Dichlorobenzidine	ND		ug/kg	14600	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
2,4-Dichlorophenol	ND		ug/kg	7310	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Diethylphthalate	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
2,4-Dimethylphenol	ND		ug/kg	7310	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Dimethylphthalate	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
2,4-Dinitrophenol	ND		ug/kg	14600	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
2,4-Dinitrotoluene	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
2,6-Dinitrotoluene	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
1,2-Diphenylhydrazine	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
bis(2-Ethylhexyl)phthalate	39400		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Fluoranthene	ND		ug/kg	1350	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Fluorene	ND		ug/kg	1350	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Hexachlorobenzene	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Hexachlorobutadiene	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Hexachlorocyclopentadiene	ND		ug/kg	7310	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Hexachloroethane	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1350	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Isophorone	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
2-Methyl-4,6-dinitrophenol	ND		ug/kg	7310	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
'aphthalene	ND		ug/kg	1350	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
.itrobenzene	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1

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ANALYTICAL RESULTS

Workorder: 9825729 10-164

Lab ID: **9825729001** Date Collected: 1/5/2010 08:30 Matrix: Solid

Sample ID: **10-164 Biosolids** Date Received: 1/6/2010 19:35

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Nitrophenol	ND		ug/kg	7310	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
4-Nitrophenol	ND		ug/kg	7310	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
N-Nitrosodimethylamine	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
N-Nitroso-di-n-propylamine	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
N-Nitrosodiphenylamine	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Pentachlorophenol	ND		ug/kg	14600	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Phenanthrene	ND		ug/kg	1350	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Phenol	ND		ug/kg	7310	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Pyrene	ND		ug/kg	1350	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
1,2,4-Trichlorobenzene	ND		ug/kg	2710	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
2,4,6-Trichlorophenol	ND		ug/kg	7310	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	68		%	37-123	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
2-Fluorobiphenyl (S)	65.9		%	45-105	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
2-Fluorophenol (S)	59.8		%	35-104	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Nitrobenzene-d5 (S)	69.3		%	41-110	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Phenol-d5 (S)	63.9		%	40-100	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
Terphenyl-d14 (S)	46.7		%	38-113	SW846 8270D	1/7/10	KAK	1/13/10 05:35	CGS	A1
WET CHEMISTRY										
Moisture	81.8		%	0.1	SM20-2540 G			1/8/10 02:05	LJF	A
Total Solids	18.2		%	0.1	SM20-2540 G			1/8/10 02:05	LJF	A

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9827702 10-618,631,637,634

Lab ID: **9827702001** Date Collected: 1/19/2010 08:53 Matrix: Waste Water

Sample ID: **Raw 10-618** Date Received: 1/20/2010 18:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Acenaphthylene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Anthracene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Benzidine	ND		ug/L	28.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
2-Chloronaphthalene	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Chrysene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Di-n-Butylphthalate	3.0		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Di-n-Octylphthalate	ND		ug/L	7.6	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
3,3-Dichlorobenzidine	ND		ug/L	7.6	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Diethylphthalate	ND		ug/L	7.6	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Dimethylphthalate	ND		ug/L	7.6	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
bis(2-Ethylhexyl)phthalate	30.9		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Fluoranthene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Fluorene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Hexachlorocyclopentadiene	ND		ug/L	7.6	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Hexachloroethane	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Isophorone	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Naphthalene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Nitrobenzene	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
N-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Phenanthrene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Pyrene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
,4,6-Tribromophenol (S)	105		%	38-134	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1

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ANALYTICAL RESULTS

Workorder: 9827702 10-618,631,637,634

Lab ID: **9827702001** Date Collected: 1/19/2010 08:53 Matrix: Waste Water

Sample ID: **Raw 10-618** Date Received: 1/20/2010 18:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Fluorobiphenyl (S)	71.2		%	37-113	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
2-Fluorophenol (S)	39.7		%	17-73	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Nitrobenzene-d5 (S)	83.9		%	37-124	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Phenol-d5 (S)	31.4		%	11-53	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
Terphenyl-d14 (S)	77.2		%	33-125	EPA 625	1/26/10	MDO	1/27/10 21:17	CHS	A1
METALS										
Mercury, Total (XLow-level)	0.0005		mg/L	0.00007	EPA 245.1	1/26/10	BLB	1/26/10 10:29	BLB	B1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9827702 10-618,631,637,634

Lab ID: **9827702002** Date Collected: 1/19/2010 09:40 Matrix: Waste Water

Sample ID: **Final 10-631** Date Received: 1/20/2010 18:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Acenaphthylene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Anthracene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Benzidine	ND		ug/L	29.0	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
4-Bromophenyl-phenylether	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Butylbenzylphthalate	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Bis(2-Chloroethyl)ether	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
2-Chloronaphthalene	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
-Chlorophenyl-phenylether	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Chrysene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Di-n-Butylphthalate	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Di-n-Octylphthalate	ND		ug/L	7.7	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
3,3-Dichlorobenzidine	ND		ug/L	7.7	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Diethylphthalate	ND		ug/L	7.7	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Dimethylphthalate	ND		ug/L	7.7	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
2,4-Dinitrotoluene	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
2,6-Dinitrotoluene	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
1,2-Diphenylhydrazine	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
bis(2-Ethylhexyl)phthalate	5.1		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Fluoranthene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Fluorene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Hexachlorobenzene	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Hexachlorobutadiene	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Hexachlorocyclopentadiene	ND		ug/L	7.7	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Hexachloroethane	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Isophorone	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Naphthalene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Nitrobenzene	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
N-Nitrosodimethylamine	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
N-Nitroso-di-n-propylamine	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
N-Nitrosodiphenylamine	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Phenanthrene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Pyrene	ND		ug/L	1.4	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
1,2,4-Trichlorobenzene	ND		ug/L	2.9	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
,4,6-Tribromophenol (S)	93.3		%	38-134	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1

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ANALYTICAL RESULTS

Workorder: 9827702 10-618,631,637,634

Lab ID: **9827702002** Date Collected: 1/19/2010 09:40 Matrix: Waste Water

Sample ID: **Final 10-631** Date Received: 1/20/2010 18:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Fluorobiphenyl (S)	59.6		%	37-113	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
2-Fluorophenol (S)	42		%	17-73	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Nitrobenzene-d5 (S)	72.7		%	37-124	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Phenol-d5 (S)	27.4		%	11-53	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
Terphenyl-d14 (S)	65.1		%	33-125	EPA 625	1/26/10	MDO	1/27/10 22:08	CHS	A1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	1/26/10	BLB	1/26/10 10:31	BLB	B1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9827702 10-618,631,637,634

Lab ID:	**9827702003**	Date Collected:	1/19/2010 10:39	Matrix:	Waste Water
Sample ID:	**6th 10-637**	Date Received:	1/20/2010 18:00		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.00007		mg/L	0.00007	EPA 245.1	1/26/10	BLB	1/26/10 10:37	BLB	B1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9827702 10-618,631,637,634

Lab ID:	**9827702004**	Date Collected:	1/19/2010 10:18	Matrix:	Waste Water
Sample ID:	**Grit 10-634**	Date Received:	1/20/2010 18:00		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0031		mg/L	0.0007	EPA 245.1	1/26/10	BLB	1/26/10 11:02	BLB	A1

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9831316 10-1521,1523,1506,1519

Lab ID: **9831316003** Date Collected: 2/16/2010 08:22 Matrix: Waste Water

Sample ID: **Raw Influent 10-1506** Date Received: 2/17/2010 17:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
bis(2-Ethylhexyl)phthalate	27.2		ug/L	3.0	EPA 625	2/19/10	GEC	2/23/10 21:26	CHS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	86.8		%	38-134	EPA 625	2/19/10	GEC	2/23/10 21:26	CHS	B1
2-Fluorobiphenyl (S)	80.7		%	37-113	EPA 625	2/19/10	GEC	2/23/10 21:26	CHS	B1
2-Fluorophenol (S)	37.2		%	17-73	EPA 625	2/19/10	GEC	2/23/10 21:26	CHS	B1
Nitrobenzene-d5 (S)	70.3		%	37-124	EPA 625	2/19/10	GEC	2/23/10 21:26	CHS	B1
Phenol-d5 (S)	30.7		%	11-53	EPA 625	2/19/10	GEC	2/23/10 21:26	CHS	B1
Terphenyl-d14 (S)	31.8	1	%	33-125	EPA 625	2/19/10	GEC	2/23/10 21:26	CHS	B1
METALS										
Mercury, Total (XLow-level)	0.0003		mg/L	0.00007	EPA 245.1	2/22/10	BLB	2/22/10 13:43	BLB	A1

'ample Comments:

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Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9831316 10-1521,1523,1506,1519

Lab ID: **9831316004** Date Collected: 2/16/2010 09:45 Matrix: Waste Water

Sample ID: **Final Effluent 10-1519** Date Received: 2/17/2010 17:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
bis(2-Ethylhexyl)phthalate	4.0		ug/L	2.8	EPA 625	2/19/10	GEC	2/23/10 22:25	CHS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	72.6		%	38-134	EPA 625	2/19/10	GEC	2/23/10 22:25	CHS	B1
2-Fluorobiphenyl (S)	73.6		%	37-113	EPA 625	2/19/10	GEC	2/23/10 22:25	CHS	B1
2-Fluorophenol (S)	38.4		%	17-73	EPA 625	2/19/10	GEC	2/23/10 22:25	CHS	B1
Nitrobenzene-d5 (S)	65.1		%	37-124	EPA 625	2/19/10	GEC	2/23/10 22:25	CHS	B1
Phenol-d5 (S)	27.9		%	11-53	EPA 625	2/19/10	GEC	2/23/10 22:25	CHS	B1
Terphenyl-d14 (S)	51.9		%	33-125	EPA 625	2/19/10	GEC	2/23/10 22:25	CHS	B1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	2/22/10	BLB	2/22/10 13:45	BLB	A1

ample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9831316 10-1521,1523,1506,1519

Lab ID: **9831316001** Date Collected: 2/16/2010 10:54 Matrix: Waste Water

Sample ID: **6th St. 10-1521** Date Received: 2/17/2010 17:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.00009		mg/L	0.00007	EPA 245.1	2/22/10	BLB	2/22/10 13:12	BLB	A1

Sample Comments:

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Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9831316 10-1521,1523,1506,1519

Lab ID: **9831316002** Date Collected: 2/16/2010 10:41 Matrix: Waste Water

Sample ID: **Giant Chamber 10-1523** Date Received: 2/17/2010 17:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0003		mg/L	0.00007	EPA 245.1	2/22/10	BLB	2/22/10 13:41	BLB	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9831316 10-1521,1523,1506,1519

PARAMETER QUALIFIERS\FLAGS

[1] The surrogate Terphenyl-d14 for method EPA 625 was outside of control limits. The % Recovery was reported as 31.8 and the control limits were 33 to 125. This result was reported at a dilution of 1.

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34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

ANALYTICAL RESULTS

Workorder: 9833438 10-1974/1986/1989/1987/1970

Lab ID: **9833438001** Date Collected: 3/2/2010 08:36 Matrix: Waste Water
Sample ID: **Raw 10-1974** Date Received: 3/3/2010 19:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
bis(2-Ethylhexyl)phthalate	20.5		ug/L	2.9	EPA 625	3/8/10	GEC	3/10/10 04:05	CGS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	81.5		%	38-134	EPA 625	3/8/10	GEC	3/10/10 04:05	CGS	B1
2-Fluorobiphenyl (S)	62.9		%	37-113	EPA 625	3/8/10	GEC	3/10/10 04:05	CGS	B1
2-Fluorophenol (S)	39.3		%	17-73	EPA 625	3/8/10	GEC	3/10/10 04:05	CGS	B1
Nitrobenzene-d5 (S)	67.3		%	37-124	EPA 625	3/8/10	GEC	3/10/10 04:05	CGS	B1
Phenol-d5 (S)	28.8		%	11-53	EPA 625	3/8/10	GEC	3/10/10 04:05	CGS	B1
Terphenyl-d14 (S)	61.7		%	33-125	EPA 625	3/8/10	GEC	3/10/10 04:05	CGS	B1
METALS										
Mercury, Total (XLow-level)	0.0001		mg/L	0.00007	EPA 245.1	3/5/10	BLB	3/5/10 11:49	BLB	A1

ample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9833438 10-1974/1986/1989/1987/1970

Lab ID: **9833438002** Date Collected: 3/2/2010 09:25 Matrix: Waste Water

Sample ID: **Final 10-1986** Date Received: 3/3/2010 19:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
bis(2-Ethylhexyl)phthalate	3.5		ug/L	2.9	EPA 625	3/8/10	GEC	3/9/10 19:02	CGS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	83.6		%	38-134	EPA 625	3/8/10	GEC	3/9/10 19:02	CGS	B1
2-Fluorobiphenyl (S)	57.4		%	37-113	EPA 625	3/8/10	GEC	3/9/10 19:02	CGS	B1
2-Fluorophenol (S)	40.9		%	17-73	EPA 625	3/8/10	GEC	3/9/10 19:02	CGS	B1
Nitrobenzene-d5 (S)	67.5		%	37-124	EPA 625	3/8/10	GEC	3/9/10 19:02	CGS	B1
Phenol-d5 (S)	27.8		%	11-53	EPA 625	3/8/10	GEC	3/9/10 19:02	CGS	B1
Terphenyl-d14 (S)	64		%	33-125	EPA 625	3/8/10	GEC	3/9/10 19:02	CGS	B1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	3/5/10	BLB	3/5/10 11:50	BLB	A1

`ample Comments:

Anna G Milliken
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ANALYTICAL RESULTS

Workorder: 9833438 10-1974/1986/1989/1987/1970

Lab ID: **9833438003** Date Collected: 3/2/2010 09:05 Matrix: Waste Water

Sample ID: **6th 10-1989** Date Received: 3/3/2010 19:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0002		mg/L	0.00007	EPA 245.1	3/5/10	BLB	3/5/10 11:52	BLB	A1

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9833438 10-1974/1986/1989/1987/1970

Lab ID:	**9833438004**	Date Collected:	3/2/2010 08:47	Matrix:	Waste Water
Sample ID:	**GC 10-1987**	Date Received:	3/3/2010 19:15		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0001		mg/L	0.00007	EPA 245.1	3/5/10	BLB	3/5/10 11:54	BLB	A1

Sample Comments:

Anna G Milliken
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ANALYTICAL RESULTS

Workorder: 9833540 10-1970

Lab ID: **9833540001** Date Collected: 3/2/2010 08:12 Matrix: Solid
Sample ID: **Biosolids, 10-1970 Composite** Date Received: 3/3/2010 19:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	1330	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Acenaphthylene	ND		ug/kg	1330	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Anthracene	ND		ug/kg	1330	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Benzidine	ND		ug/kg	26500	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Benzo(a)anthracene	ND		ug/kg	1330	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Benzo(a)pyrene	ND		ug/kg	1330	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Benzo(b)fluoranthene	ND		ug/kg	1330	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Benzo(g,h,i)perylene	ND		ug/kg	1330	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Benzo(k)fluoranthene	ND		ug/kg	1330	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
4-Bromophenyl-phenylether	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Butylbenzylphthalate	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
4-Chloro-3-methylphenol	ND		ug/kg	7170	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Bis(2-Chloroethoxy)methane	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Bis(2-Chloroethyl)ether	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
bis(2-Chloroisopropyl)ether	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
2-Chloronaphthalene	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
2-Chlorophenol	ND		ug/kg	7170	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
4-Chlorophenyl-phenylether	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Chrysene	ND		ug/kg	1330	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Di-n-Butylphthalate	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Di-n-Octylphthalate	ND		ug/kg	7170	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Dibenzo(a,h)anthracene	ND		ug/kg	1330	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
1,2-Dichlorobenzene	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
1,3-Dichlorobenzene	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
1,4-Dichlorobenzene	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
3,3-Dichlorobenzidine	ND		ug/kg	14300	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
2,4-Dichlorophenol	ND		ug/kg	7170	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Diethylphthalate	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
2,4-Dimethylphenol	ND		ug/kg	7170	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Dimethylphthalate	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
2,4-Dinitrophenol	ND		ug/kg	14300	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
2,4-Dinitrotoluene	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
2,6-Dinitrotoluene	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
1,2-Diphenylhydrazine	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
bis(2-Ethylhexyl)phthalate	49300		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Fluoranthene	ND		ug/kg	1330	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Fluorene	ND		ug/kg	1330	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Hexachlorobenzene	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Hexachlorobutadiene	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Hexachlorocyclopentadiene	ND		ug/kg	7170	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Hexachloroethane	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1330	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Isophorone	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
2-Methyl-4,6-dinitrophenol	ND		ug/kg	7170	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
laphthalene	1540		ug/kg	1330	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Nitrobenzene	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1

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ANALYTICAL RESULTS

Workorder: 9833540 10-1970

Lab ID: **9833540001** Date Collected: 3/2/2010 08:12 Matrix: Solid

Sample ID: **Biosolids, 10-1970 Composite** Date Received: 3/3/2010 19:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Nitrophenol	ND		ug/kg	7170	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
4-Nitrophenol	ND		ug/kg	7170	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
N-Nitrosodimethylamine	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
N-Nitroso-di-n-propylamine	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
N-Nitrosodiphenylamine	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Pentachlorophenol	ND		ug/kg	14300	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Phenanthrene	ND		ug/kg	1330	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Phenol	ND		ug/kg	7170	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Pyrene	ND		ug/kg	1330	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
1,2,4-Trichlorobenzene	ND		ug/kg	2650	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
2,4,6-Trichlorophenol	ND		ug/kg	7170	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	56.7		%	37-123	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
2-Fluorobiphenyl (S)	67.9		%	45-105	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
2-Fluorophenol (S)	69.4		%	35-104	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Nitrobenzene-d5 (S)	60.9		%	41-110	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Phenol-d5 (S)	66.3		%	40-100	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
Terphenyl-d14 (S)	65.3		%	38-113	SW846 8270D	3/8/10	GMG	3/10/10 21:03	CGS	A1
WET CHEMISTRY										
Moisture	81.7		%	0.1	SM20-2540 G			3/5/10 00:35	LJF	A
Total Solids	18.3		%	0.1	SM20-2540 G			3/5/10 00:35	LJF	A

Sample Comments:

One or more of the GCMS semi-volatile internal standards were recovered at <50%. The sample was reanalyzed with similar results indicating a sample matrix interference.

This sample was analyzed at a dilution in the semivolatile GC/MS analysis due to sample matrix interference. Reporting limits were adjusted accordingly.

Anna G Milliken
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ANALYTICAL RESULTS

Workorder: 9835669 10-2459,2447,2462,2460

Lab ID: **9835669002** Date Collected: 3/16/2010 08:27 Matrix: Waste Water

Sample ID: **Raw, 10-2447** Date Received: 3/17/2010 21:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Acenaphthylene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Anthracene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Benzidine	ND	1	ug/L	18.9	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
.-Chloronaphthalene	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
2-Chlorophenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Chrysene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Di-n-Butylphthalate	3.5		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
3,3-Dichlorobenzidine	ND		ug/L	15.1	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Diethylphthalate	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
2,4-Dinitrophenol	ND		ug/L	15.1	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
bis(2-Ethylhexyl)phthalate	30.1		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Fluoranthene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Fluorene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Hexachloroethane	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Isophorone	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Naphthalene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Nitrobenzene	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
2-Nitrophenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
'-Nitrophenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
.N-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1

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34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

ANALYTICAL RESULTS

Workorder: 9835669 10-2459,2447,2462,2460

Lab ID: **9835669002** Date Collected: 3/16/2010 08:27 Matrix: Waste Water

Sample ID: **Raw, 10-2447** Date Received: 3/17/2010 21:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Pentachlorophenol	ND		ug/L	15.1	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Phenanthrene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Phenol	9.4		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Pyrene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	57.4		%	38-134	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
2-Fluorobiphenyl (S)	57.2		%	37-113	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
2-Fluorophenol (S)	28.1		%	17-73	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Nitrobenzene-d5 (S)	56.6		%	37-124	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Phenol-d5 (S)	25.1		%	11-53	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
Terphenyl-d14 (S)	109		%	33-125	EPA 625	3/23/10	RSS	3/27/10 08:18	DHF	B1
METALS										
Mercury, Total (XLow-level)	0.0003		mg/L	0.00007	EPA 245.1	3/24/10	BLB	3/24/10 14:44	BLB	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9835669 10-2459,2447,2462,2460

Lab ID: **9835669001** Date Collected: 3/16/2010 09:15 Matrix: Waste Water

Sample ID: **Final, 10-2459** Date Received: 3/17/2010 21:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Acenaphthylene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Anthracene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Benzidine	ND	1	ug/L	18.9	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
2-Chloronaphthalene	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
2-Chlorophenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Chrysene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Di-n-Butylphthalate	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
3,3-Dichlorobenzidine	ND		ug/L	15.1	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Diethylphthalate	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
2,4-Dinitrophenol	ND		ug/L	15.1	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
bis(2-Ethylhexyl)phthalate	4.4		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Fluoranthene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Fluorene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Hexachloroethane	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Isophorone	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Naphthalene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Nitrobenzene	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
2-Nitrophenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
4-Nitrophenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
N-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1

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ANALYTICAL RESULTS

Workorder: 9835669 10-2459,2447,2462,2460

Lab ID: **9835669001** Date Collected: 3/16/2010 09:15 Matrix: Waste Water

Sample ID: **Final, 10-2459** Date Received: 3/17/2010 21:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Pentachlorophenol	ND		ug/L	15.1	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Phenanthrene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Phenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Pyrene	ND		ug/L	1.4	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	75.5		%	38-134	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
2-Fluorobiphenyl (S)	63		%	37-113	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
2-Fluorophenol (S)	39.9		%	17-73	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Nitrobenzene-d5 (S)	66.7		%	37-124	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Phenol-d5 (S)	24.2		%	11-53	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
Terphenyl-d14 (S)	62.3		%	33-125	EPA 625	3/23/10	RSS	3/27/10 07:29	DHF	B1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	3/24/10	BLB	3/24/10 14:42	BLB	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9835669 10-2459,2447,2462,2460

Lab ID: **9835669003** Date Collected: 3/16/2010 09:45 Matrix: Waste Water

Sample ID: **6th, 10-2462** Date Received: 3/17/2010 21:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.00008	2	mg/L	0.00007	EPA 245.1	3/24/10	BLB	3/24/10 14:46	BLB	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9835669 10-2459,2447,2462,2460

Lab ID: **9835669004** Date Collected: 3/16/2010 08:48 Matrix: Waste Water

Sample ID: **GC, 10-2460** Date Received: 3/17/2010 21:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	3/24/10	BLB	3/24/10 14:52	BLB	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9835669 10-2459,2447,2462,2460

PARAMETER QUALIFIERS\FLAGS

[1] The QC sample type LCS for method EPA 625 was outside the control limits for the analyte Benzidine. The % Recovery was reported as 0 and the control limits were 5 to 248.

[2] One of the two matrix spike analyses performed on this sample failed to meet acceptable recovery limits. The other matrix spike was within acceptable recovery limits. Matrix interferences are the possible cause for the failure.

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ANALYTICAL RESULTS

Workorder: 9838969 10-3111,3124,3129,3126

Lab ID: **9838969001** Date Collected: 4/6/2010 08:55 Matrix: Waste Water

Sample ID: **Raw, 10-3111** Date Received: 4/7/2010 18:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Acenaphthylene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Anthracene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Benzidine	ND		ug/L	18.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
'is(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
·Chloronaphthalene	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
2-Chlorophenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Chrysene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Di-n-Butylphthalate	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
3,3-Dichlorobenzidine	ND		ug/L	15.0	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Diethylphthalate	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
2,4-Dinitrophenol	ND		ug/L	15.0	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
bis(2-Ethylhexyl)phthalate	14.3		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Fluoranthene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Fluorene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Hexachloroethane	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Isophorone	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Naphthalene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Nitrobenzene	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
2-Nitrophenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
·Nitrophenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
,-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1

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ANALYTICAL RESULTS

Workorder: 9838969 10-3111,3124,3129,3126

Lab ID: **9838969001** Date Collected: 4/6/2010 08:55 Matrix: Waste Water
Sample ID: **Raw, 10-3111** Date Received: 4/7/2010 18:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Pentachlorophenol	ND		ug/L	15.0	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Phenanthrene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Phenol	14.7		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Pyrene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	80.1		%	38-134	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
2-Fluorobiphenyl (S)	70		%	37-113	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
2-Fluorophenol (S)	40.4		%	17-73	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Nitrobenzene-d5 (S)	80		%	37-124	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Phenol-d5 (S)	26.3		%	11-53	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
Terphenyl-d14 (S)	62.2		%	33-125	EPA 625	4/13/10	GEC	4/14/10 15:00	CHS	B1
METALS										
Mercury, Total (XLow-level)	0.0003		mg/L	0.00007	EPA 245.1	4/15/10	BLB	4/15/10 12:20	BLB	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9838969 10-3111,3124,3129,3126

Lab ID: **9838969002** Date Collected: 4/6/2010 09:50 Matrix: Waste Water

Sample ID: **Final, 10-3124** Date Received: 4/7/2010 18:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Acenaphthylene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Anthracene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Benzidine	ND		ug/L	18.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
2-Chloronaphthalene	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
2-Chlorophenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Chrysene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Di-n-Butylphthalate	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
3,3-Dichlorobenzidine	ND		ug/L	15.0	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Diethylphthalate	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
2,4-Dinitrophenol	ND		ug/L	15.0	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
bis(2-Ethylhexyl)phthalate	4.5		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Fluoranthene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Fluorene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Hexachloroethane	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Isophorone	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Naphthalene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Nitrobenzene	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
2-Nitrophenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
4-Nitrophenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
N-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1

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ANALYTICAL RESULTS

Workorder: 9838969 10-3111,3124,3129,3126

Lab ID: **9838969002** Date Collected: 4/6/2010 09:50 Matrix: Waste Water

Sample ID: **Final, 10-3124** Date Received: 4/7/2010 18:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Pentachlorophenol	ND		ug/L	15.0	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Phenanthrene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Phenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Pyrene	ND		ug/L	1.4	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	78.7		%	38-134	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
2-Fluorobiphenyl (S)	68.1		%	37-113	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
2-Fluorophenol (S)	45.4		%	17-73	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Nitrobenzene-d5 (S)	75.8		%	37-124	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Phenol-d5 (S)	28		%	11-53	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
Terphenyl-d14 (S)	67.8		%	33-125	EPA 625	4/13/10	GEC	4/14/10 15:49	CHS	B1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	4/15/10	BLB	4/15/10 12:22	BLB	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9838969 10-3111,3124,3129,3126

Lab ID: **9838969003** Date Collected: 4/6/2010 09:38 Matrix: Waste Water

Sample ID: **6th, 10-3129** Date Received: 4/7/2010 18:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.00009		mg/L	0.00007	EPA 245.1	4/15/10	BLB	4/15/10 12:24	BLB	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9838969 10-3111,3124,3129,3126

Lab ID: **9838969004** Date Collected: 4/6/2010 09:19 Matrix: Waste Water

Sample ID: **GC, 10-3126** Date Received: 4/7/2010 18:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	4/15/10	BLB	4/15/10 12:29	BLB	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9838968 10-3092

Lab ID: **9838968001** Date Collected: 4/6/2010 07:50 Matrix: Solid

Sample ID: **Sludge Belt Press 10-3092** Date Received: 4/7/2010 18:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	1120	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Acenaphthylene	ND		ug/kg	1120	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Anthracene	ND		ug/kg	1120	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Benzidine	ND		ug/kg	22400	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Benzo(a)anthracene	ND		ug/kg	1120	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Benzo(a)pyrene	ND		ug/kg	1120	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Benzo(b)fluoranthene	ND		ug/kg	1120	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Benzo(g,h,i)perylene	ND		ug/kg	1120	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Benzo(k)fluoranthene	ND		ug/kg	1120	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
4-Bromophenyl-phenylether	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Butylbenzylphthalate	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
4-Chloro-3-methylphenol	ND		ug/kg	6050	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Bis(2-Chloroethoxy)methane	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Bis(2-Chloroethyl)ether	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
bis(2-Chloroisopropyl)ether	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
2-Chloronaphthalene	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
2-Chlorophenol	ND		ug/kg	6050	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
4-Chlorophenyl-phenylether	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Chrysene	ND		ug/kg	1120	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Di-n-Butylphthalate	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Di-n-Octylphthalate	ND		ug/kg	6050	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Dibenzo(a,h)anthracene	ND		ug/kg	1120	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
1,2-Dichlorobenzene	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
1,3-Dichlorobenzene	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
1,4-Dichlorobenzene	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
3,3-Dichlorobenzidine	ND		ug/kg	12100	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
2,4-Dichlorophenol	ND		ug/kg	6050	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Diethylphthalate	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
2,4-Dimethylphenol	ND		ug/kg	6050	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Dimethylphthalate	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
2,4-Dinitrophenol	ND		ug/kg	12100	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
2,4-Dinitrotoluene	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
2,6-Dinitrotoluene	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
1,2-Diphenylhydrazine	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
bis(2-Ethylhexyl)phthalate	36100		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Fluoranthene	ND		ug/kg	1120	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Fluorene	ND		ug/kg	1120	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Hexachlorobenzene	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Hexachlorobutadiene	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Hexachlorocyclopentadiene	ND		ug/kg	6050	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Hexachloroethane	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1120	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Isophorone	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
2-Methyl-4,6-dinitrophenol	ND		ug/kg	6050	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Naphthalene	ND		ug/kg	1120	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Nitrobenzene	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1

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ANALYTICAL RESULTS

Workorder: 9838968 10-3092

Lab ID: **9838968001** Date Collected: 4/6/2010 07:50 Matrix: Solid

Sample ID: **Sludge Belt Press 10-3092** Date Received: 4/7/2010 18:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Nitrophenol	ND		ug/kg	6050	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
4-Nitrophenol	ND		ug/kg	6050	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
N-Nitrosodimethylamine	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
N-Nitroso-di-n-propylamine	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
N-Nitrosodiphenylamine	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Pentachlorophenol	ND		ug/kg	12100	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Phenanthrene	ND		ug/kg	1120	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Phenol	ND		ug/kg	6050	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Pyrene	ND		ug/kg	1120	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
1,2,4-Trichlorobenzene	ND		ug/kg	2240	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
2,4,6-Trichlorophenol	ND		ug/kg	6050	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	65.1		%	37-123	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
2-Fluorobiphenyl (S)	64.6		%	45-105	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
2-Fluorophenol (S)	65.1		%	35-104	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Nitrobenzene-d5 (S)	58.1		%	41-110	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Phenol-d5 (S)	61.4		%	40-100	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
Terphenyl-d14 (S)	47.1		%	38-113	SW846 8270D	4/8/10	TNC	4/13/10 11:06	CHS	A1
WET CHEMISTRY										
Moisture	82.2		%	0.1	SM20-2540 G			4/9/10 00:20	LJF	A
Total Solids	17.8		%	0.1	SM20-2540 G			4/9/10 00:20	LJF	A

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9841229 10-3584,3596,3599,3601

Lab ID: **9841229001** Date Collected: 4/20/2010 09:14 Matrix: Waste Water

Sample ID: **Raw 10-3584** Date Received: 4/21/2010 21:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Acenaphthylene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Anthracene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Benzidine	ND		ug/L	18.9	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Butylbenzylphthalate	2.9		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
2-Chloronaphthalene	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Chrysene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Di-n-Butylphthalate	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
3,3-Dichlorobenzidine	ND		ug/L	15.1	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Diethylphthalate	ND		ug/L	7.5	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
bis(2-Ethylhexyl)phthalate	22.6		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Fluoranthene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Fluorene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Hexachloroethane	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Isophorone	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Naphthalene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Nitrobenzene	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
N-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Phenanthrene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Pyrene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
4,6-Tribromophenol (S)	94.8		%	38-134	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1

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ANALYTICAL RESULTS

Workorder: 9841229 10-3584,3596,3599,3601

Lab ID: **9841229001** Date Collected: 4/20/2010 09:14 Matrix: Waste Water

Sample ID: **Raw 10-3584** Date Received: 4/21/2010 21:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Fluorobiphenyl (S)	80.8		%	37-113	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
2-Fluorophenol (S)	52.2		%	17-73	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Nitrobenzene-d5 (S)	92		%	37-124	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Phenol-d5 (S)	34.8		%	11-53	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
Terphenyl-d14 (S)	22	1	%	33-125	EPA 625	4/26/10	RSS	4/28/10 20:18	CGS	A1
METALS										
Mercury, Total (XLow-level)	0.0004		mg/L	0.00007	EPA 245.1	4/30/10	BLB	4/30/10 10:27	BLB	B1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9841229 10-3584,3596,3599,3601

Lab ID: **9841229002** Date Collected: 4/20/2010 09:40 Matrix: Waste Water

Sample ID: **Final 10-3596** Date Received: 4/21/2010 21:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Acenaphthylene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Anthracene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Benzidine	ND		ug/L	19.0	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
4-Bromophenyl-phenylether	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Butylbenzylphthalate	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Bis(2-Chloroethyl)ether	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
2-Chloronaphthalene	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
-Chlorophenyl-phenylether	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Chrysene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Di-n-Butylphthalate	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Di-n-Octylphthalate	ND		ug/L	7.6	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
3,3-Dichlorobenzidine	ND		ug/L	15.2	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Diethylphthalate	ND		ug/L	7.6	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Dimethylphthalate	ND		ug/L	7.6	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
2,4-Dinitrotoluene	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
2,6-Dinitrotoluene	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
1,2-Diphenylhydrazine	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
bis(2-Ethylhexyl)phthalate	5.1		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Fluoranthene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Fluorene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Hexachlorobenzene	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Hexachlorobutadiene	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Hexachlorocyclopentadiene	ND		ug/L	7.6	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Hexachloroethane	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Isophorone	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Naphthalene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Nitrobenzene	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
N-Nitrosodimethylamine	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
N-Nitroso-di-n-propylamine	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
N-Nitrosodiphenylamine	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Phenanthrene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Pyrene	ND		ug/L	1.4	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
1,2,4-Trichlorobenzene	ND		ug/L	2.9	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
4,6-Tribromophenol (S)	85.9		%	38-134	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1

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ANALYTICAL RESULTS

Workorder: 9841229 10-3584,3596,3599,3601

Lab ID: **9841229002** Date Collected: 4/20/2010 09:40 Matrix: Waste Water

Sample ID: **Final 10-3596** Date Received: 4/21/2010 21:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Fluorobiphenyl (S)	74.2		%	37-113	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
2-Fluorophenol (S)	44.9		%	17-73	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Nitrobenzene-d5 (S)	69.6		%	37-124	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Phenol-d5 (S)	30		%	11-53	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
Terphenyl-d14 (S)	63		%	33-125	EPA 625	4/26/10	RSS	4/28/10 21:09	CGS	A1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	4/30/10	BLB	4/30/10 10:29	BLB	B1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9841229 10-3584,3596,3599,3601

Lab ID:	**9841229003**	Date Collected:	4/20/2010 11:05	Matrix:	Waste Water
Sample ID:	**6th 10-3599**	Date Received:	4/21/2010 21:15		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.00007		mg/L	0.00007	EPA 245.1	4/30/10	BLB	4/30/10 10:40	BLB	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9841229 10-3584,3596,3599,3601

Lab ID: **9841229004** Date Collected: 4/20/2010 11:31 Matrix: Waste Water

Sample ID: **GC 10-3601** Date Received: 4/21/2010 21:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0001		mg/L	0.00007	EPA 245.1	4/30/10	BLB	4/30/10 10:42	BLB	A1

Sample Comments:

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9841229 10-3584,3596,3599,3601

PARAMETER QUALIFIERS\FLAGS

[1] The surrogate Terphenyl-d14 for method EPA 625 was outside of control limits. The % Recovery was reported as 22 and the control limits were 33 to 125. This result was reported at a dilution of 1.

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ANALYTICAL RESULTS

Workorder: 9846883 10-4752/4740/4755/4753

Lab ID: **9846883002** Date Collected: 5/25/2010 08:50 Matrix: Waste Water

Sample ID: **Raw 10-4740** Date Received: 5/26/2010 18:50

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Acenaphthylene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Anthracene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Benzidine	ND		ug/L	19.2	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
4-Bromophenyl-phenylether	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Butylbenzylphthalate	4.6		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
4-Chloro-3-methylphenol	ND		ug/L	7.7	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Bis(2-Chloroethyl)ether	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
his(2-Chloroisopropyl)ether	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Chloronaphthalene	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
2-Chlorophenol	ND		ug/L	7.7	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
4-Chlorophenyl-phenylether	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Chrysene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Di-n-Butylphthalate	4.9		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Di-n-Octylphthalate	ND		ug/L	7.7	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
3,3-Dichlorobenzidine	ND		ug/L	15.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
2,4-Dichlorophenol	ND		ug/L	7.7	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Diethylphthalate	ND		ug/L	7.7	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
2,4-Dimethylphenol	ND		ug/L	7.7	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Dimethylphthalate	8.5		ug/L	7.7	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
2,4-Dinitrophenol	ND		ug/L	15.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
2,4-Dinitrotoluene	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
2,6-Dinitrotoluene	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
1,2-Diphenylhydrazine	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
bis(2-Ethylhexyl)phthalate	23.3		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Fluoranthene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Fluorene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Hexachlorobenzene	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Hexachlorobutadiene	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Hexachlorocyclopentadiene	ND		ug/L	7.7	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Hexachloroethane	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Isophorone	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.7	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Naphthalene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Nitrobenzene	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
2-Nitrophenol	ND		ug/L	7.7	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Nitrophenol	ND		ug/L	7.7	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
-Nitrosodimethylamine	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1

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ANALYTICAL RESULTS

Workorder: 9846883 10-4752/4740/4755/4753

Lab ID: **9846883002** Date Collected: 5/25/2010 08:50 Matrix: Waste Water

Sample ID: **Raw 10-4740** Date Received: 5/26/2010 18:50

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
N-Nitrosodiphenylamine	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Pentachlorophenol	ND		ug/L	15.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Phenanthrene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Phenol	13.3		ug/L	7.7	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Pyrene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
1,2,4-Trichlorobenzene	ND		ug/L	2.9	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
2,4,6-Trichlorophenol	ND		ug/L	7.7	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	97.9		%	38-134	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
2-Fluorobiphenyl (S)	76.2		%	37-113	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
2-Fluorophenol (S)	42.7		%	17-73	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Nitrobenzene-d5 (S)	82.8		%	37-124	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Phenol-d5 (S)	32.2		%	11-53	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
Terphenyl-d14 (S)	74.3		%	33-125	EPA 625	5/28/10	MPP	5/29/10 02:00	CHS	A1
METALS										
Mercury, Total (XLow-level)	0.0002		mg/L	0.00007	EPA 245.1	6/1/10	BLB	6/1/10 11:27	BLB	B1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9846883 10-4752/4740/4755/4753

Lab ID: **9846883001** Date Collected: 5/25/2010 09:41 Matrix: Waste Water

Sample ID: **Final 10-4752** Date Received: 5/26/2010 18:50

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Acenaphthylene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Anthracene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Benzidine	ND		ug/L	18.9	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
his(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
·Chloronaphthalene	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
2-Chlorophenol	ND		ug/L	7.5	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Chrysene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Di-n-Butylphthalate	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
3,3-Dichlorobenzidine	ND		ug/L	15.1	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Diethylphthalate	ND		ug/L	7.5	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
2,4-Dinitrophenol	ND		ug/L	15.1	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
bis(2-Ethylhexyl)phthalate	5.2		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Fluoranthene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Fluorene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Hexachloroethane	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Isophorone	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Naphthalene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Nitrobenzene	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
2-Nitrophenol	ND		ug/L	7.5	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Nitrophenol	ND		ug/L	7.5	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1

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ANALYTICAL RESULTS

Workorder: 9846883 10-4752/4740/4755/4753

Lab ID: **9846883001** Date Collected: 5/25/2010 09:41 Matrix: Waste Water
Sample ID: **Final 10-4752** Date Received: 5/26/2010 18:50

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Pentachlorophenol	ND		ug/L	15.1	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Phenanthrene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Phenol	ND		ug/L	7.5	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Pyrene	ND		ug/L	1.4	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	96.9		%	38-134	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
2-Fluorobiphenyl (S)	68.7		%	37-113	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
2-Fluorophenol (S)	49.2		%	17-73	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Nitrobenzene-d5 (S)	78.1		%	37-124	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Phenol-d5 (S)	31.6		%	11-53	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
Terphenyl-d14 (S)	71.6		%	33-125	EPA 625	5/28/10	MPP	5/29/10 02:49	CHS	A1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	6/1/10	BLB	6/1/10 11:21	BLB	B1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9846883 10-4752/4740/4755/4753

Lab ID: **9846883003** Date Collected: 5/25/2010 10:25 Matrix: Waste Water
Sample ID: **6TH 10-4755** Date Received: 5/26/2010 18:50

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.00008		mg/L	0.00007	EPA 245.1	6/1/10	BLB	6/1/10 11:28	BLB	A1

Sample Comments:

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Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9846883 10-4752/4740/4755/4753

Lab ID:	**9846883004**	Date Collected:	5/25/2010 10:08	Matrix:	Waste Water
Sample ID:	**GC 10-4753**	Date Received:	5/26/2010 18:50		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0001		mg/L	0.00007	EPA 245.1	6/1/10	BLB	6/1/10 11:34	BLB	A1

Sample Comments:

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Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9848468 10-4978,4990,4995,4993

Lab ID: **9848468001** Date Collected: 6/2/2010 08:55 Matrix: Waste Water

Sample ID: **Raw, 10-4978** Date Received: 6/4/2010 19:50

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Acenaphthylene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Anthracene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Benzidine	ND		ug/L	18.9	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Butylbenzylphthalate	6.4		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
-Chloronaphthalene	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
2-Chlorophenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Chrysene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Di-n-Butylphthalate	4.2		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
3,3-Dichlorobenzidine	ND		ug/L	15.1	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Diethylphthalate	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Dimethylphthalate	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
2,4-Dinitrophenol	ND		ug/L	15.1	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
bis(2-Ethylhexyl)phthalate	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Fluoranthene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Fluorene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Hexachloroethane	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Isophorone	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Naphthalene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Nitrobenzene	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
2-Nitrophenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
'-Nitrophenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
,-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B

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ANALYTICAL RESULTS

Workorder: 9848468 10-4978,4990,4995,4993

Lab ID: **9848468001** Date Collected: 6/2/2010 08:55 Matrix: Waste Water

Sample ID: **Raw, 10-4978** Date Received: 6/4/2010 19:50

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Pentachlorophenol	ND		ug/L	15.1	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Phenanthrene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Phenol	11.3		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Pyrene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	92.4		%	38-134	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
2-Fluorobiphenyl (S)	86.1		%	37-113	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
2-Fluorophenol (S)	35.7		%	17-73	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Nitrobenzene-d5 (S)	86.3		%	37-124	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Phenol-d5 (S)	26		%	11-53	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
Terphenyl-d14 (S)	88.2		%	33-125	EPA 625	6/7/10	MPP	6/9/10 04:45	CGS	B
METALS										
Mercury, Total (XLow-level)	ND	1	mg/L	0.00007	EPA 245.1	6/15/10	BLB	6/15/10 12:02	BLB	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9848468 10-4978,4990,4995,4993

Lab ID: **9848468002** Date Collected: 6/2/2010 09:27 Matrix: Waste Water

Sample ID: **Final, 10-4990** Date Received: 6/4/2010 19:50

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Acenaphthylene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Anthracene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Benzidine	ND		ug/L	18.9	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
-Chloronaphthalene	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
2-Chlorophenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Chrysene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Di-n-Butylphthalate	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
3,3-Dichlorobenzidine	ND		ug/L	15.1	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Diethylphthalate	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Dimethylphthalate	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
2,4-Dinitrophenol	ND		ug/L	15.1	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
bis(2-Ethylhexyl)phthalate	5.4		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Fluoranthene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Fluorene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Hexachloroethane	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Isophorone	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Naphthalene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Nitrobenzene	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
2-Nitrophenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
-Nitrophenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
.-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B

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ANALYTICAL RESULTS

Workorder: 9848468 10-4978,4990,4995,4993

Lab ID: **9848468002** Date Collected: 6/2/2010 09:27 Matrix: Waste Water

Sample ID: **Final, 10-4990** Date Received: 6/4/2010 19:50

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Pentachlorophenol	ND		ug/L	15.1	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Phenanthrene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Phenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Pyrene	ND		ug/L	1.4	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	82.3		%	38-134	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
2-Fluorobiphenyl (S)	69.7		%	37-113	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
2-Fluorophenol (S)	40		%	17-73	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Nitrobenzene-d5 (S)	70.1		%	37-124	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Phenol-d5 (S)	24.6		%	11-53	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
Terphenyl-d14 (S)	75.5		%	33-125	EPA 625	6/7/10	MPP	6/9/10 03:56	CGS	B
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	6/15/10	BLB	6/15/10 12:08	BLB	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9848468 10-4978,4990,4995,4993

Lab ID:	**9848468003**	Date Collected:	6/2/2010 10:28	Matrix:	Waste Water
Sample ID:	**6th, 10-4995**	Date Received:	6/4/2010 19:50		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.00008		mg/L	0.00007	EPA 245.1	6/15/10	BLB	6/15/10 12:10	BLB	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9848468 10-4978,4990,4995,4993

Lab ID: **9848468004** Date Collected: 6/2/2010 10:13 Matrix: Waste Water

Sample ID: **GC, 10-4993** Date Received: 6/4/2010 19:50

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	6/15/10	BLB	6/15/10 12:31	BLB	A1

Sample Comments:

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Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9848468 10-4978,4990,4995,4993

PARAMETER QUALIFIERS\FLAGS

[1] The recovery of the Matrix Spike (MS) associated to this analyte was outside of the established control limits. The sample was post-digestion spiked, and this matrix spike was within acceptable recovery limits.

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ANALYTICAL RESULTS

Workorder: 9848469 10-4948

Lab ID: **9848469001** Date Collected: 6/1/2010 08:30 Matrix: Solid

Sample ID: **Beltpress Biosolids, 10-4948** Date Received: 6/4/2010 19:50

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	1280	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Acenaphthylene	ND		ug/kg	1280	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Anthracene	ND		ug/kg	1280	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Benzidine	ND		ug/kg	25500	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Benzo(a)anthracene	ND		ug/kg	1280	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Benzo(a)pyrene	ND		ug/kg	1280	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Benzo(b)fluoranthene	ND		ug/kg	1280	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Benzo(g,h,i)perylene	ND		ug/kg	1280	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Benzo(k)fluoranthene	ND		ug/kg	1280	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
4-Bromophenyl-phenylether	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Butylbenzylphthalate	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
4-Chloro-3-methylphenol	ND		ug/kg	6890	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Bis(2-Chloroethoxy)methane	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Bis(2-Chloroethyl)ether	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
bis(2-Chloroisopropyl)ether	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
-Chloronaphthalene	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
2-Chlorophenol	ND		ug/kg	6890	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
4-Chlorophenyl-phenylether	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Chrysene	ND		ug/kg	1280	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Di-n-Butylphthalate	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Di-n-Octylphthalate	ND		ug/kg	6890	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Dibenzo(a,h)anthracene	ND		ug/kg	1280	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
1,2-Dichlorobenzene	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
1,3-Dichlorobenzene	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
1,4-Dichlorobenzene	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
3,3-Dichlorobenzidine	ND		ug/kg	13800	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
2,4-Dichlorophenol	ND		ug/kg	6890	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Diethylphthalate	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
2,4-Dimethylphenol	ND		ug/kg	6890	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Dimethylphthalate	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
2,4-Dinitrophenol	ND		ug/kg	13800	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
2,4-Dinitrotoluene	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
2,6-Dinitrotoluene	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
1,2-Diphenylhydrazine	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
bis(2-Ethylhexyl)phthalate	44300		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Fluoranthene	ND		ug/kg	1280	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Fluorene	ND		ug/kg	1280	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Hexachlorobenzene	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Hexachlorobutadiene	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Hexachlorocyclopentadiene	ND		ug/kg	6890	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Hexachloroethane	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1280	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Isophorone	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
2-Methyl-4,6-dinitrophenol	ND		ug/kg	6890	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
aphthalene	2170		ug/kg	1280	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
itrobenzene	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1

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ANALYTICAL RESULTS

Workorder: 9848469 10-4948

Lab ID: **9848469001** Date Collected: 6/1/2010 08:30 Matrix: Solid

Sample ID: **Beltpress Biosolids, 10-4948** Date Received: 6/4/2010 19:50

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Nitrophenol	ND		ug/kg	6890	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
4-Nitrophenol	ND		ug/kg	6890	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
N-Nitrosodimethylamine	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
N-Nitroso-di-n-propylamine	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
N-Nitrosodiphenylamine	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Pentachlorophenol	ND		ug/kg	13800	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Phenanthrene	ND		ug/kg	1280	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Phenol	10600		ug/kg	6890	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Pyrene	ND		ug/kg	1280	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
1,2,4-Trichlorobenzene	ND		ug/kg	2550	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
2,4,6-Trichlorophenol	ND		ug/kg	6890	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	74		%	37-123	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
2-Fluorobiphenyl (S)	74.1		%	45-105	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
2-Fluorophenol (S)	66.8		%	35-104	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Nitrobenzene-d5 (S)	70.3		%	41-110	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Phenol-d5 (S)	74.4		%	40-100	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
Terphenyl-d14 (S)	59.3		%	38-113	SW846 8270D	6/7/10	CJG	6/10/10 01:04	CGS	A1
WET CHEMISTRY										
Moisture	84.5		%	0.1	SM20-2540 G			6/7/10 12:30	KAK	A
Total Solids	15.5		%	0.1	SM20-2540 G			6/7/10 12:30	KAK	A

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9850482 10-5398,5410,5414,5411

Lab ID: **9850482001** Date Collected: 6/15/2010 08:58 Matrix: Waste Water

Sample ID: **10-5398 Raw** Date Received: 6/16/2010 19:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Acenaphthylene	ND		ug/L	1.4	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Anthracene	ND		ug/L	1.4	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Benzidine	ND		ug/L	19.0	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
4-Bromophenyl-phenylether	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Butylbenzylphthalate	5.3		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
4-Chloro-3-methylphenol	ND		ug/L	7.6	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Bis(2-Chloroethyl)ether	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
-Chloronaphthalene	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
2-Chlorophenol	ND		ug/L	7.6	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
4-Chlorophenyl-phenylether	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Chrysene	ND		ug/L	1.4	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Di-n-Butylphthalate	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Di-n-Octylphthalate	ND		ug/L	7.6	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
3,3-Dichlorobenzidine	ND		ug/L	15.2	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
2,4-Dichlorophenol	ND		ug/L	7.6	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Diethylphthalate	ND		ug/L	7.6	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
2,4-Dimethylphenol	ND		ug/L	7.6	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Dimethylphthalate	ND		ug/L	7.6	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
2,4-Dinitrophenol	ND		ug/L	15.2	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
2,4-Dinitrotoluene	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
2,6-Dinitrotoluene	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
1,2-Diphenylhydrazine	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
bis(2-Ethylhexyl)phthalate	30.3		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Fluoranthene	ND		ug/L	1.4	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Fluorene	ND		ug/L	1.4	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Hexachlorobenzene	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Hexachlorobutadiene	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Hexachlorocyclopentadiene	ND		ug/L	7.6	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Hexachloroethane	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Isophorone	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.6	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Naphthalene	ND		ug/L	1.4	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Nitrobenzene	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
2-Nitrophenol	ND		ug/L	7.6	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
'-Nitrophenol	ND		ug/L	7.6	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
.-Nitrosodimethylamine	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1

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ANALYTICAL RESULTS

Workorder: 9850482 10-5398,5410,5414,5411

Lab ID: **9850482001** Date Collected: 6/15/2010 08:58 Matrix: Waste Water
Sample ID: **10-5398 Raw** Date Received: 6/16/2010 19:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
N-Nitrosodiphenylamine	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Pentachlorophenol	ND		ug/L	15.2	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Phenanthrene	ND		ug/L	1.4	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Phenol	14.0		ug/L	7.6	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Pyrene	ND		ug/L	1.4	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
1,2,4-Trichlorobenzene	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
2,4,6-Trichlorophenol	ND		ug/L	7.6	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	89.3		%	38-134	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
2-Fluorobiphenyl (S)	76.1		%	37-113	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
2-Fluorophenol (S)	43		%	17-73	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Nitrobenzene-d5 (S)	79.5		%	37-124	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Phenol-d5 (S)	31.9		%	11-53	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
Terphenyl-d14 (S)	25.8	1	%	33-125	EPA 625	6/21/10	GEC	6/22/10 19:04	DRS	B1
METALS										
Mercury, Total (XLow-level)	0.0004		mg/L	0.00007	EPA 245.1	7/6/10	MNP	7/6/10 10:58	MNP	A4

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9850482 10-5398,5410,5414,5411

Lab ID: **9850482002** Date Collected: 6/15/2010 09:37 Matrix: Waste Water

Sample ID: **10-5410, Final** Date Received: 6/16/2010 19:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Acenaphthylene	ND		ug/L	1.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Anthracene	ND		ug/L	1.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Benzidine	ND		ug/L	19.4	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Benzo(a)anthracene	ND		ug/L	1.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Benzo(a)pyrene	ND		ug/L	1.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Benzo(b)fluoranthene	ND		ug/L	1.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Benzo(g,h,i)perylene	ND		ug/L	1.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Benzo(k)fluoranthene	ND		ug/L	1.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
4-Bromophenyl-phenylether	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Butylbenzylphthalate	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
4-Chloro-3-methylphenol	ND		ug/L	7.8	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Bis(2-Chloroethyl)ether	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
his(2-Chloroisopropyl)ether	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
-Chloronaphthalene	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
2-Chlorophenol	ND		ug/L	7.8	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
4-Chlorophenyl-phenylether	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Chrysene	ND		ug/L	1.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Di-n-Butylphthalate	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Di-n-Octylphthalate	ND		ug/L	7.8	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Dibenzo(a,h)anthracene	ND		ug/L	1.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
3,3-Dichlorobenzidine	ND		ug/L	15.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
2,4-Dichlorophenol	ND		ug/L	7.8	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Diethylphthalate	ND		ug/L	7.8	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
2,4-Dimethylphenol	ND		ug/L	7.8	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Dimethylphthalate	ND		ug/L	7.8	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
2,4-Dinitrophenol	ND		ug/L	15.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
2,4-Dinitrotoluene	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
2,6-Dinitrotoluene	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
1,2-Diphenylhydrazine	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
bis(2-Ethylhexyl)phthalate	4.2		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Fluoranthene	ND		ug/L	1.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Fluorene	ND		ug/L	1.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Hexachlorobenzene	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Hexachlorobutadiene	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Hexachlorocyclopentadiene	ND		ug/L	7.8	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Hexachloroethane	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Isophorone	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.8	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Naphthalene	ND		ug/L	1.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Nitrobenzene	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
2-Nitrophenol	ND		ug/L	7.8	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Nitrophenol	ND		ug/L	7.8	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
.-Nitrosodimethylamine	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1

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ANALYTICAL RESULTS

Workorder: 9850482 10-5398,5410,5414,5411

Lab ID: **9850482002** Date Collected: 6/15/2010 09:37 Matrix: Waste Water
Sample ID: **10-5410, Final** Date Received: 6/16/2010 19:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
N-Nitrosodiphenylamine	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Pentachlorophenol	ND		ug/L	15.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Phenanthrene	ND		ug/L	1.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Phenol	ND		ug/L	7.8	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Pyrene	ND		ug/L	1.5	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
1,2,4-Trichlorobenzene	ND		ug/L	2.9	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
2,4,6-Trichlorophenol	ND		ug/L	7.8	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	77.9		%	38-134	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
2-Fluorobiphenyl (S)	69.1		%	37-113	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
2-Fluorophenol (S)	45.2		%	17-73	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Nitrobenzene-d5 (S)	74.7		%	37-124	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Phenol-d5 (S)	31.4		%	11-53	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
Terphenyl-d14 (S)	55.8		%	33-125	EPA 625	6/21/10	GEC	6/22/10 19:51	DRS	B1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	7/6/10	MNP	7/6/10 11:00	MNP	A4

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9850482 10-5398,5410,5414,5411

Lab ID: **9850482003** Date Collected: 6/15/2010 12:21 Matrix: Waste Water

Sample ID: **10-5414, 6th** Date Received: 6/16/2010 19:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0003		mg/L	0.00007	EPA 245.1	7/6/10	MNP	7/6/10 11:02	MNP	A4

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9850482 10-5398,5410,5414,5411

Lab ID: **9850482004** Date Collected: 6/15/2010 11:42 Matrix: Waste Water

Sample ID: **10-5411, Grit** Date Received: 6/16/2010 19:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0002		mg/L	0.00007	EPA 245.1	7/6/10	MNP	7/6/10 11:04	MNP	A4

Sample Comments:

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Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9850482 10-5398,5410,5414,5411

PARAMETER QUALIFIERS\FLAGS

[1] The surrogate Terphenyl-d14 for method EPA 625 was outside of control limits. The % Recovery was reported as 25.8 and the control limits were 33 to 125. This result was reported at a dilution of 1.

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ANALYTICAL RESULTS

Workorder: 9853760 10-6049,6061

Lab ID: **9853760001** Date Collected: 7/6/2010 08:38 Matrix: Waste Water

Sample ID: **Raw, 10-6049** Date Received: 7/7/2010 20:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Acenaphthylene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Anthracene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Benzidine	ND		ug/L	18.9	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Butylbenzylphthalate	4.8		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
-Chloronaphthalene	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
2-Chlorophenol	ND		ug/L	7.5	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Chrysene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Di-n-Butylphthalate	3.0		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
3,3-Dichlorobenzidine	ND		ug/L	15.1	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Diethylphthalate	ND		ug/L	7.5	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
2,4-Dinitrophenol	ND		ug/L	15.1	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
bis(2-Ethylhexyl)phthalate	15.9		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Fluoranthene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Fluorene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Hexachloroethane	ND	1	ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Isophorone	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Naphthalene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Nitrobenzene	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
2-Nitrophenol	ND		ug/L	7.5	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
'-Nitrophenol	ND		ug/L	7.5	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1

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ANALYTICAL RESULTS

Workorder: 9853760 10-6049,6061

Lab ID: **9853760001** Date Collected: 7/6/2010 08:38 Matrix: Waste Water

Sample ID: **Raw, 10-6049** Date Received: 7/7/2010 20:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Pentachlorophenol	ND		ug/L	15.1	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Phenanthrene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Phenol	8.7		ug/L	7.5	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Pyrene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	58.3		%	38-134	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
2-Fluorobiphenyl (S)	60.4		%	37-113	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
2-Fluorophenol (S)	31		%	17-73	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Nitrobenzene-d5 (S)	60.1		%	37-124	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Phenol-d5 (S)	21.5		%	11-53	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
Terphenyl-d14 (S)	58.3		%	33-125	EPA 625	7/13/10	CAC	7/13/10 20:49	CGS	B1
METALS										
Mercury, Total (XLow-level)	0.0001		mg/L	0.00007	EPA 245.1	7/12/10	MNP	7/12/10 11:00	MNP	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9853760 10-6049,6061

Lab ID: **9853760002** Date Collected: 7/6/2010 09:53 Matrix: Waste Water

Sample ID: **Final, 10-6061** Date Received: 7/7/2010 20:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Acenaphthylene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Anthracene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Benzidine	ND		ug/L	19.1	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
4-Bromophenyl-phenylether	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Butylbenzylphthalate	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
4-Chloro-3-methylphenol	ND		ug/L	7.7	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Bis(2-Chloroethyl)ether	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
-Chloronaphthalene	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
2-Chlorophenol	ND		ug/L	7.7	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
4-Chlorophenyl-phenylether	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Chrysene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Di-n-Butylphthalate	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Di-n-Octylphthalate	ND		ug/L	7.7	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
3,3-Dichlorobenzidine	ND		ug/L	15.3	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
2,4-Dichlorophenol	ND		ug/L	7.7	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Diethylphthalate	ND		ug/L	7.7	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
2,4-Dimethylphenol	ND		ug/L	7.7	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Dimethylphthalate	ND		ug/L	7.7	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
2,4-Dinitrophenol	ND		ug/L	15.3	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
2,4-Dinitrotoluene	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
2,6-Dinitrotoluene	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
1,2-Diphenylhydrazine	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
bis(2-Ethylhexyl)phthalate	7.7		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Fluoranthene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Fluorene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Hexachlorobenzene	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Hexachlorobutadiene	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Hexachlorocyclopentadiene	ND		ug/L	7.7	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Hexachloroethane	ND	1	ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Isophorone	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.7	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Naphthalene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Nitrobenzene	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
2-Nitrophenol	ND		ug/L	7.7	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
-Nitrophenol	ND		ug/L	7.7	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
-Nitrosodimethylamine	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1

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ANALYTICAL RESULTS

Workorder: 9853760 10-6049,6061

Lab ID: **9853760002** Date Collected: 7/6/2010 09:53 Matrix: Waste Water

Sample ID: **Final, 10-6061** Date Received: 7/7/2010 20:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
N-Nitrosodiphenylamine	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Pentachlorophenol	ND		ug/L	15.3	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Phenanthrene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Phenol	ND		ug/L	7.7	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Pyrene	ND		ug/L	1.4	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
1,2,4-Trichlorobenzene	ND		ug/L	2.9	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
2,4,6-Trichlorophenol	ND		ug/L	7.7	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	90.1		%	38-134	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
2-Fluorobiphenyl (S)	76.4		%	37-113	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
2-Fluorophenol (S)	44.7		%	17-73	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Nitrobenzene-d5 (S)	75.6		%	37-124	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Phenol-d5 (S)	27.2		%	11-53	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
Terphenyl-d14 (S)	73.3		%	33-125	EPA 625	7/13/10	CAC	7/13/10 21:39	CGS	B1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	7/12/10	MNP	7/12/10 11:06	MNP	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9853760 10-6049,6061

PARAMETER QUALIFIERS\FLAGS

[1] The QC sample type LCS for method EPA 625 was outside the control limits for the analyte Hexachloroethane. The % Recovery was reported as 35.7 and the control limits were 40 to 113.

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ANALYTICAL RESULTS

Workorder: 9853759 10-6018

Lab ID: **9853759001** Belt Press Date Collected: 7/7/2010 07:40 Matrix: Solid

Sample ID: **10-6018 Composite** Biosolids Date Received: 7/7/2010 20:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	1300	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Acenaphthylene	ND		ug/kg	1300	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Anthracene	ND		ug/kg	1300	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Benzidine	ND		ug/kg	26100	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Benzo(a)anthracene	ND		ug/kg	1300	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Benzo(a)pyrene	ND		ug/kg	1300	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Benzo(b)fluoranthene	ND		ug/kg	1300	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Benzo(g,h,i)perylene	ND		ug/kg	1300	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Benzo(k)fluoranthene	ND		ug/kg	1300	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
4-Bromophenyl-phenylether	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Butylbenzylphthalate	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
4-Chloro-3-methylphenol	ND		ug/kg	7040	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Bis(2-Chloroethoxy)methane	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Bis(2-Chloroethyl)ether	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
bis(2-Chloroisopropyl)ether	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
-Chloronaphthalene	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
2-Chlorophenol	ND		ug/kg	7040	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
4-Chlorophenyl-phenylether	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Chrysene	ND		ug/kg	1300	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Di-n-Butylphthalate	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Di-n-Octylphthalate	ND		ug/kg	7040	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Dibenzo(a,h)anthracene	ND		ug/kg	1300	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
1,2-Dichlorobenzene	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
1,3-Dichlorobenzene	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
1,4-Dichlorobenzene	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
3,3-Dichlorobenzidine	ND		ug/kg	14100	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
2,4-Dichlorophenol	ND		ug/kg	7040	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Diethylphthalate	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
2,4-Dimethylphenol	ND		ug/kg	7040	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Dimethylphthalate	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
2,4-Dinitrophenol	ND		ug/kg	14100	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
2,4-Dinitrotoluene	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
2,6-Dinitrotoluene	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
1,2-Diphenylhydrazine	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
bis(2-Ethylhexyl)phthalate	37800		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Fluoranthene	ND		ug/kg	1300	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Fluorene	ND		ug/kg	1300	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Hexachlorobenzene	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Hexachlorobutadiene	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Hexachlorocyclopentadiene	ND		ug/kg	7040	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Hexachloroethane	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1300	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Isophorone	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
2-Methyl-4,6-dinitrophenol	ND		ug/kg	7040	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
laphthalene	ND		ug/kg	1300	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Nitrobenzene	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1

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ANALYTICAL RESULTS

Workorder: 9853759 10-6018

Lab ID: **9853759001** Belt Press Date Collected: 7/7/2010 07:40 Matrix: Solid

Sample ID: **10-6018 Composite** Biosolids Date Received: 7/7/2010 20:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Nitrophenol	ND		ug/kg	7040	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
4-Nitrophenol	ND		ug/kg	7040	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
N-Nitrosodimethylamine	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
N-Nitroso-di-n-propylamine	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
N-Nitrosodiphenylamine	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Pentachlorophenol	ND		ug/kg	14100	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Phenanthrene	ND		ug/kg	1300	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Phenol	21400		ug/kg	7040	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Pyrene	ND		ug/kg	1300	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
1,2,4-Trichlorobenzene	ND		ug/kg	2610	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
2,4,6-Trichlorophenol	ND		ug/kg	7040	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	82.8		%	37-123	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
2-Fluorobiphenyl (S)	74		%	45-105	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
2-Fluorophenol (S)	78.1		%	35-104	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
litrobenzene-d5 (S)	67.1		%	41-110	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
henol-d5 (S)	79.3		%	40-100	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
Terphenyl-d14 (S)	63.8		%	38-113	SW846 8270D	7/12/10	SAS	7/14/10 19:59	CGS	A1
WET CHEMISTRY										
Moisture	81.2		%	0.1	SM20-2540 G			7/10/10 13:05	KAK	A
Total Solids	18.8		%	0.1	SM20-2540 G			7/10/10 13:05	KAK	A

Sample Comments:

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Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9856165 10-6524/6536/6539/6537

Lab ID: **9856165001** Date Collected: 7/20/2010 08:42 Matrix: Waste Water

Sample ID: **Raw 10-6524** Date Received: 7/21/2010 17:10

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
bis(2-Ethylhexyl)phthalate	38.5		ug/L	2.8	EPA 625	7/27/10	GEC	7/28/10 05:14	DRS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	103		%	38-134	EPA 625	7/27/10	GEC	7/28/10 05:14	DRS	B1
2-Fluorobiphenyl (S)	103		%	37-113	EPA 625	7/27/10	GEC	7/28/10 05:14	DRS	B1
2-Fluorophenol (S)	40.6		%	17-73	EPA 625	7/27/10	GEC	7/28/10 05:14	DRS	B1
Nitrobenzene-d5 (S)	98.1		%	37-124	EPA 625	7/27/10	GEC	7/28/10 05:14	DRS	B1
Phenol-d5 (S)	30.9		%	11-53	EPA 625	7/27/10	GEC	7/28/10 05:14	DRS	B1
Terphenyl-d14 (S)	127	1	%	33-125	EPA 625	7/27/10	GEC	7/28/10 05:14	DRS	B1
METALS										
Mercury, Total (XLow-level)	0.0002		mg/L	0.00007	EPA 245.1	7/22/10	MNP	7/22/10 12:11	MNP	A

ample Comments:

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ANALYTICAL RESULTS

Workorder: 9856165 10-6524/6536/6539/6537

Lab ID: **9856165002** Date Collected: 7/20/2010 09:38 Matrix: Waste Water
Sample ID: **Final 10-6536** Date Received: 7/21/2010 17:10

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
bis(2-Ethylhexyl)phthalate	7.7		ug/L	2.8	EPA 625	7/27/10	GEC	7/28/10 01:54	DRS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	91.8		%	38-134	EPA 625	7/27/10	GEC	7/28/10 01:54	DRS	B1
2-Fluorobiphenyl (S)	89.4		%	37-113	EPA 625	7/27/10	GEC	7/28/10 01:54	DRS	B1
2-Fluorophenol (S)	53.7		%	17-73	EPA 625	7/27/10	GEC	7/28/10 01:54	DRS	B1
Nitrobenzene-d5 (S)	90.7		%	37-124	EPA 625	7/27/10	GEC	7/28/10 01:54	DRS	B1
Phenol-d5 (S)	33		%	11-53	EPA 625	7/27/10	GEC	7/28/10 01:54	DRS	B1
Terphenyl-d14 (S)	85.7		%	33-125	EPA 625	7/27/10	GEC	7/28/10 01:54	DRS	B1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	7/22/10	MNP	7/22/10 12:13	MNP	A

ample Comments:

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ANALYTICAL RESULTS

Workorder: 9856165 10-6524/6536/6539/6537

Lab ID: **9856165003** Date Collected: 7/20/2010 08:19 Matrix: Waste Water

Sample ID: **6th 10-6539** Date Received: 7/21/2010 17:10

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0002		mg/L	0.00007	EPA 245.1	7/22/10	MNP	7/22/10 12:23	MNP	A

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9856165 10-6524/6536/6539/6537

Lab ID: **9856165004** Date Collected: 7/20/2010 08:59 Matrix: Waste Water

Sample ID: **GC 10-6537** Date Received: 7/21/2010 17:10

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0001		mg/L	0.00007	EPA 245.1	7/22/10	MNP	7/22/10 12:25	MNP	A

Sample Comments:

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9856165 10-6524/6536/6539/6537

PARAMETER QUALIFIERS\FLAGS

[1] The surrogate Terphenyl-d14 for method EPA 625 was outside of control limits. The % Recovery was reported as 127 and the control limits were 33 to 125. This result was reported at a dilution of 1.

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ANALYTICAL RESULTS

Workorder: 9860984 10-7601/7613/7617/7615

Lab ID: **9860984001** Date Collected: 8/17/2010 08:26 Matrix: Waste Water

Sample ID: **Raw 10-7601** Date Received: 8/18/2010 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
bis(2-Ethylhexyl)phthalate	29.7		ug/L	2.9	EPA 625	8/19/10	GEC	8/21/10 01:00	CGS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	94.3		%	38-134	EPA 625	8/19/10	GEC	8/21/10 01:00	CGS	B1
2-Fluorobiphenyl (S)	66.3		%	37-113	EPA 625	8/19/10	GEC	8/21/10 01:00	CGS	B1
2-Fluorophenol (S)	37.5		%	17-73	EPA 625	8/19/10	GEC	8/21/10 01:00	CGS	B1
Nitrobenzene-d5 (S)	72.3		%	37-124	EPA 625	8/19/10	GEC	8/21/10 01:00	CGS	B1
Phenol-d5 (S)	28.3		%	11-53	EPA 625	8/19/10	GEC	8/21/10 01:00	CGS	B1
Terphenyl-d14 (S)	84		%	33-125	EPA 625	8/19/10	GEC	8/21/10 01:00	CGS	B1
METALS										
Mercury, Total (XLow-level)	0.0003		mg/L	0.00007	EPA 245.1	8/25/10	MNP	8/25/10 11:30	MNP	A1

ımple Comments:

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ANALYTICAL RESULTS

Workorder: 9860984 10-7601/7613/7617/7615

Lab ID: **9860984002** Date Collected: 8/17/2010 09:35 Matrix: Waste Water
Sample ID: **Final 10-7613** Date Received: 8/18/2010 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
bis(2-Ethylhexyl)phthalate	5.1		ug/L	2.9	EPA 625	8/19/10	GEC	8/20/10 19:14	CGS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	82.1		%	38-134	EPA 625	8/19/10	GEC	8/20/10 19:14	CGS	B1
2-Fluorobiphenyl (S)	62.1		%	37-113	EPA 625	8/19/10	GEC	8/20/10 19:14	CGS	B1
2-Fluorophenol (S)	43.6		%	17-73	EPA 625	8/19/10	GEC	8/20/10 19:14	CGS	B1
Nitrobenzene-d5 (S)	72.2		%	37-124	EPA 625	8/19/10	GEC	8/20/10 19:14	CGS	B1
Phenol-d5 (S)	30.8		%	11-53	EPA 625	8/19/10	GEC	8/20/10 19:14	CGS	B1
Terphenyl-d14 (S)	62		%	33-125	EPA 625	8/19/10	GEC	8/20/10 19:14	CGS	B1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	8/25/10	MNP	8/25/10 11:32	MNP	A1

ımple Comments:

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ANALYTICAL RESULTS

Workorder: 9860984 10-7601/7613/7617/7615

Lab ID:	**9860984003**	Date Collected:	8/17/2010 09:33	Matrix:	Waste Water
Sample ID:	**6th 10-7617**	Date Received:	8/18/2010 19:25		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0001		mg/L	0.00007	EPA 245.1	8/25/10	MNP	8/25/10 11:33	MNP	A1

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9860984 10-7601/7613/7617/7615

Lab ID: **9860984004** Date Collected: 8/17/2010 09:49 Matrix: Waste Water

Sample ID: **Grit 10-7615** Date Received: 8/18/2010 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0980		mg/L	0.0350	EPA 245.1	8/25/10	MNP	8/25/10 11:33	MNP	A1

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9863808 10-8115/10-8127

Lab ID: **9863808001** Date Collected: 9/1/2010 08:14 Matrix: Waste Water

Sample ID: **Raw 10-8115** Date Received: 9/3/2010 19:46

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Acenaphthylene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Anthracene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Benzidine	ND		ug/L	18.9	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
2-Chloronaphthalene	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Chrysene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Di-n-Butylphthalate	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
3,3-Dichlorobenzidine	ND		ug/L	15.1	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Diethylphthalate	ND		ug/L	7.5	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
bis(2-Ethylhexyl)phthalate	22.2		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Fluoranthene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Fluorene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Hexachloroethane	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Isophorone	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Naphthalene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Nitrobenzene	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
N-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Phenanthrene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Pyrene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
4,6-Tribromophenol (S)	85.4		%	38-134	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1

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ANALYTICAL RESULTS

Workorder: 9863808 10-8115/10-8127

Lab ID: **9863808001** Date Collected: 9/1/2010 08:14 Matrix: Waste Water

Sample ID: **Raw 10-8115** Date Received: 9/3/2010 19:46

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Fluorobiphenyl (S)	71.1		%	37-113	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
2-Fluorophenol (S)	40.4		%	17-73	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Nitrobenzene-d5 (S)	76.2		%	37-124	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Phenol-d5 (S)	27.1		%	11-53	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1
Terphenyl-d14 (S)	23.5	1	%	33-125	EPA 625	9/8/10	CJG	9/10/10 17:28	CGS	A1

Sample Comments:

One or more of the GCMS semi-volatile internal standards were recovered at <50%. The sample was reanalyzed with similar results indicating a sample matrix interference.

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9863808 10-8115/10-8127

Lab ID: **9863808002** Date Collected: 9/1/2010 09:05 Matrix: Waste Water

Sample ID: **Final 10-8127** Date Received: 9/3/2010 19:46

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Acenaphthylene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Anthracene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Benzidine	ND		ug/L	18.9	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
2-Chloronaphthalene	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Chrysene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Di-n-Butylphthalate	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
3,3-Dichlorobenzidine	ND		ug/L	15.1	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Diethylphthalate	ND		ug/L	7.5	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
bis(2-Ethylhexyl)phthalate	5.9		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Fluoranthene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Fluorene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Hexachloroethane	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Isophorone	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Naphthalene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Nitrobenzene	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
N-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Phenanthrene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Pyrene	ND		ug/L	1.4	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
,4,6-Tribromophenol (S)	92.7		%	38-134	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1

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ANALYTICAL RESULTS

Workorder: 9863808 10-8115/10-8127

Lab ID: **9863808002** Date Collected: 9/1/2010 09:05 Matrix: Waste Water

Sample ID: **Final 10-8127** Date Received: 9/3/2010 19:46

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Fluorobiphenyl (S)	67.8		%	37-113	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
2-Fluorophenol (S)	44.4		%	17-73	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Nitrobenzene-d5 (S)	71.9		%	37-124	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Phenol-d5 (S)	26.4		%	11-53	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1
Terphenyl-d14 (S)	57.5		%	33-125	EPA 625	9/8/10	CJG	9/10/10 18:16	CGS	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9863808 10-8115/10-8127

PARAMETER QUALIFIERS\FLAGS

[1] The surrogate Terphenyl-d14 for method EPA 625 was outside of control limits. The % Recovery was reported as 23.5 and the control limits were 33 to 125. This result was reported at a dilution of 1.

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ANALYTICAL RESULTS

Workorder: 9864344 10-8337/8357/8355/8353

Lab ID: **9864344001** Date Collected: 9/7/2010 08:17 Matrix: Waste Water

Sample ID: **Raw 10-8337** Date Received: 9/8/2010 19:05

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Acenaphthylene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Anthracene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Benzidine	ND		ug/L	19.0	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
4-Bromophenyl-phenylether	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Butylbenzylphthalate	3.3		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
4-Chloro-3-methylphenol	ND		ug/L	7.6	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Bis(2-Chloroethyl)ether	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
·Chloronaphthalene	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
2-Chlorophenol	ND		ug/L	7.6	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
4-Chlorophenyl-phenylether	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Chrysene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Di-n-Butylphthalate	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Di-n-Octylphthalate	ND		ug/L	7.6	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
3,3-Dichlorobenzidine	ND		ug/L	15.2	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
2,4-Dichlorophenol	ND		ug/L	7.6	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Diethylphthalate	ND		ug/L	7.6	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
2,4-Dimethylphenol	ND		ug/L	7.6	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Dimethylphthalate	ND		ug/L	7.6	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
2,4-Dinitrophenol	ND		ug/L	15.2	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
2,4-Dinitrotoluene	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
2,6-Dinitrotoluene	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
1,2-Diphenylhydrazine	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
bis(2-Ethylhexyl)phthalate	27.0		ug/L	4.8	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Fluoranthene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Fluorene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Hexachlorobenzene	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Hexachlorobutadiene	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Hexachlorocyclopentadiene	ND		ug/L	7.6	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Hexachloroethane	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Isophorone	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.6	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Naphthalene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Nitrobenzene	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
2-Nitrophenol	ND		ug/L	7.6	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
·-Nitrophenol	ND		ug/L	7.6	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
.-Nitrosodimethylamine	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1

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ANALYTICAL RESULTS

Workorder: 9864344 10-8337/8357/8355/8353

Lab ID: **9864344001** Date Collected: 9/7/2010 08:17 Matrix: Waste Water

Sample ID: **Raw 10-8337** Date Received: 9/8/2010 19:05

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
N-Nitrosodiphenylamine	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Pentachlorophenol	ND		ug/L	15.2	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Phenanthrene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Phenol	11.7		ug/L	7.6	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Pyrene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
1,2,4-Trichlorobenzene	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
2,4,6-Trichlorophenol	ND		ug/L	7.6	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	114		%	38-134	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
2-Fluorobiphenyl (S)	76.5		%	37-113	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
2-Fluorophenol (S)	48.4		%	17-73	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Nitrobenzene-d5 (S)	95		%	37-124	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Phenol-d5 (S)	31.4		%	11-53	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
Terphenyl-d14 (S)	108		%	33-125	EPA 625	9/15/10	GEC	9/16/10 18:12	CGS	B1
METALS										
Mercury, Total (XLow-level)	0.0003		mg/L	0.00007	EPA 245.1	9/13/10	MNP	9/13/10 11:54	MNP	A1

Sample Comments:

One or more of the GCMS semi-volatile internal standards were recovered at <50%. The sample was reanalyzed with similar results indicating a sample matrix interference.

Anna G Milliken
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ANALYTICAL RESULTS

Workorder: 9864344 10-8337/8357/8355/8353

Lab ID: **9864344002** Date Collected: 9/7/2010 09:15 Matrix: Waste Water

Sample ID: **Final 10-8351** Date Received: 9/8/2010 19:05

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Acenaphthylene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Anthracene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Benzidine	ND		ug/L	19.1	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
4-Bromophenyl-phenylether	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Butylbenzylphthalate	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
4-Chloro-3-methylphenol	ND		ug/L	7.7	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Bis(2-Chloroethyl)ether	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
-Chloronaphthalene	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
2-Chlorophenol	ND		ug/L	7.7	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
4-Chlorophenyl-phenylether	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Chrysene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Di-n-Butylphthalate	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Di-n-Octylphthalate	ND		ug/L	7.7	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
3,3-Dichlorobenzidine	ND		ug/L	15.3	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
2,4-Dichlorophenol	ND		ug/L	7.7	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Diethylphthalate	ND		ug/L	7.7	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
2,4-Dimethylphenol	ND		ug/L	7.7	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Dimethylphthalate	ND		ug/L	7.7	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
2,4-Dinitrophenol	ND		ug/L	15.3	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
2,4-Dinitrotoluene	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
2,6-Dinitrotoluene	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
1,2-Diphenylhydrazine	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
bis(2-Ethylhexyl)phthalate	8.2		ug/L	4.8	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Fluoranthene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Fluorene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Hexachlorobenzene	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Hexachlorobutadiene	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Hexachlorocyclopentadiene	ND		ug/L	7.7	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Hexachloroethane	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Isophorone	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.7	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Naphthalene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Nitrobenzene	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
2-Nitrophenol	ND		ug/L	7.7	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
-Nitrophenol	ND		ug/L	7.7	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
-Nitrosodimethylamine	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1

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ANALYTICAL RESULTS

Workorder: 9864344 10-8337/8357/8355/8353

Lab ID: **9864344002** Date Collected: 9/7/2010 09:15 Matrix: Waste Water

Sample ID: **Final 10-8351** Date Received: 9/8/2010 19:05

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
N-Nitrosodiphenylamine	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Pentachlorophenol	ND		ug/L	15.3	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Phenanthrene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Phenol	ND		ug/L	7.7	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Pyrene	ND		ug/L	1.4	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
1,2,4-Trichlorobenzene	ND		ug/L	2.9	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
2,4,6-Trichlorophenol	ND		ug/L	7.7	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	98.4		%	38-134	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
2-Fluorobiphenyl (S)	66.9		%	37-113	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
2-Fluorophenol (S)	46.7		%	17-73	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Nitrobenzene-d5 (S)	72.6		%	37-124	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Phenol-d5 (S)	28.3		%	11-53	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
Terphenyl-d14 (S)	58.5		%	33-125	EPA 625	9/15/10	GEC	9/16/10 15:01	CGS	B1
.ETALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	9/13/10	MNP	9/13/10 11:56	MNP	A1

Sample Comments:

Report has been modified to update the sample ID per client c-o-c. DLB 10/5/10

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ANALYTICAL RESULTS

Workorder: 9864344 10-8337/8357/8355/8353

Lab ID: **9864344003** Date Collected: 9/7/2010 08:45 Matrix: Waste Water

Sample ID: **6th 10-8355** Date Received: 9/8/2010 19:05

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0001	1	mg/L	0.00007	EPA 245.1	9/13/10	MNP	9/13/10 11:58	MNP	A1

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9864344 10-8337/8357/8355/8353

Lab ID: **9864344004** Date Collected: 9/7/2010 08:30 Matrix: Waste Water
Sample ID: **Grit 10-8353** Date Received: 9/8/2010 19:05

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0002		mg/L	0.00007	EPA 245.1	9/13/10	MNP	9/13/10 12:04	MNP	A1

Sample Comments:

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9864344 10-8337/8357/8355/8353

PARAMETER QUALIFIERS\FLAGS

[1] One of the two matrix spike analyses performed on this sample failed to meet acceptable recovery limits. The other matrix spike was within acceptable recovery limits. Matrix interferences are the possible cause for the failure.

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ANALYTICAL RESULTS

Workorder: 9864355 10-8344

Lab ID: **9864355001** Date Collected: 9/8/2010 09:15 Matrix: Solid

Sample ID: **BioSolids, 10-8344** Date Received: 9/8/2010 19:05

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	1360	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Acenaphthylene	ND		ug/kg	1360	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Anthracene	ND		ug/kg	1360	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Benzidine	ND		ug/kg	27200	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Benzo(a)anthracene	ND		ug/kg	1360	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Benzo(a)pyrene	ND		ug/kg	1360	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Benzo(b)fluoranthene	ND		ug/kg	1360	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Benzo(g,h,i)perylene	ND		ug/kg	1360	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Benzo(k)fluoranthene	ND		ug/kg	1360	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
4-Bromophenyl-phenylether	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Butylbenzylphthalate	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
4-Chloro-3-methylphenol	ND		ug/kg	7330	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Bis(2-Chloroethoxy)methane	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Bis(2-Chloroethyl)ether	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
bis(2-Chloroisopropyl)ether	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
-Chloronaphthalene	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
2-Chlorophenol	ND		ug/kg	7330	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
4-Chlorophenyl-phenylether	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Chrysene	ND		ug/kg	1360	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Di-n-Butylphthalate	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Di-n-Octylphthalate	ND		ug/kg	7330	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Dibenzo(a,h)anthracene	ND		ug/kg	1360	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
1,2-Dichlorobenzene	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
1,3-Dichlorobenzene	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
1,4-Dichlorobenzene	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
3,3-Dichlorobenzidine	ND		ug/kg	14700	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
2,4-Dichlorophenol	ND		ug/kg	7330	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Diethylphthalate	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
2,4-Dimethylphenol	ND		ug/kg	7330	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Dimethylphthalate	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
2,4-Dinitrophenol	ND		ug/kg	14700	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
2,4-Dinitrotoluene	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
2,6-Dinitrotoluene	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
1,2-Diphenylhydrazine	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
bis(2-Ethylhexyl)phthalate	52400		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Fluoranthene	ND		ug/kg	1360	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Fluorene	ND		ug/kg	1360	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Hexachlorobenzene	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Hexachlorobutadiene	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Hexachlorocyclopentadiene	ND		ug/kg	7330	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Hexachloroethane	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1360	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Isophorone	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
2-Methyl-4,6-dinitrophenol	ND		ug/kg	7330	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
'aphthalene	ND		ug/kg	1360	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
,itrobenzene	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1

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ANALYTICAL RESULTS

Workorder: 9864355 10-8344

Lab ID: **9864355001** Date Collected: 9/8/2010 09:15 Matrix: Solid

Sample ID: **BioSolids, 10-8344** Date Received: 9/8/2010 19:05

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Nitrophenol	ND		ug/kg	7330	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
4-Nitrophenol	ND		ug/kg	7330	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
N-Nitrosodimethylamine	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
N-Nitroso-di-n-propylamine	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
N-Nitrosodiphenylamine	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Pentachlorophenol	ND		ug/kg	14700	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Phenanthrene	ND		ug/kg	1360	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Phenol	14900		ug/kg	7330	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Pyrene	ND		ug/kg	1360	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
1,2,4-Trichlorobenzene	ND		ug/kg	2720	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
2,4,6-Trichlorophenol	ND		ug/kg	7330	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	80.5		%	37-123	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
2-Fluorobiphenyl (S)	81.2		%	45-105	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
2-Fluorophenol (S)	76.6		%	35-104	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
'itrobenzene-d5 (S)	83		%	41-110	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
henol-d5 (S)	83.1		%	40-100	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
Terphenyl-d14 (S)	88.3		%	38-113	SW846 8270D	9/15/10	EGO	9/17/10 11:42	DHF	A1
WET CHEMISTRY										
Moisture	81.7		%	0.1	SM20-2540 G			9/10/10 00:40	LJF	A
Total Solids	18.3		%	0.1	SM20-2540 G			9/10/10 00:40	LJF	A

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9869453 10-9279, 9267, 9282 & 9280

Lab ID: **9869453002** Date Collected: 10/5/2010 09:29 Matrix: Waste Water

Sample ID: **Raw 10-9267** Date Received: 10/6/2010 19:20

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	7.1	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Acenaphthylene	ND		ug/L	7.1	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Anthracene	ND		ug/L	7.1	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Benzidine	ND	1	ug/L	236	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Benzo(a)anthracene	ND		ug/L	7.1	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Benzo(a)pyrene	ND		ug/L	7.1	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Benzo(b)fluoranthene	ND		ug/L	7.1	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Benzo(g,h,i)perylene	ND		ug/L	7.1	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Benzo(k)fluoranthene	ND		ug/L	7.1	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
4-Bromophenyl-phenylether	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Butylbenzylphthalate	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
4-Chloro-3-methylphenol	ND		ug/L	37.7	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Bis(2-Chloroethoxy)methane	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Bis(2-Chloroethyl)ether	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
bis(2-Chloroisopropyl)ether	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
-Chloronaphthalene	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
2-Chlorophenol	ND		ug/L	37.7	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
4-Chlorophenyl-phenylether	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Chrysene	ND		ug/L	7.1	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Di-n-Butylphthalate	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Di-n-Octylphthalate	ND		ug/L	37.7	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Dibenzo(a,h)anthracene	ND		ug/L	9.4	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
3,3-Dichlorobenzidine	ND		ug/L	75.5	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
2,4-Dichlorophenol	ND		ug/L	37.7	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Diethylphthalate	ND		ug/L	37.7	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
2,4-Dimethylphenol	ND		ug/L	37.7	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Dimethylphthalate	ND		ug/L	37.7	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
2,4-Dinitrophenol	ND		ug/L	75.5	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
2,4-Dinitrotoluene	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
2,6-Dinitrotoluene	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
1,2-Diphenylhydrazine	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
bis(2-Ethylhexyl)phthalate	22.2		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Fluoranthene	ND		ug/L	7.1	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Fluorene	ND		ug/L	7.1	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Hexachlorobenzene	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Hexachlorobutadiene	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Hexachlorocyclopentadiene	ND		ug/L	37.7	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Hexachloroethane	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	7.1	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Isophorone	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	37.7	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Naphthalene	ND		ug/L	7.1	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Nitrobenzene	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
2-Nitrophenol	ND		ug/L	37.7	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
-Nitrophenol	ND		ug/L	37.7	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
-Nitrosodimethylamine	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1

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ANALYTICAL RESULTS

Workorder: 9869453 10-9279, 9267, 9282 & 9280

Lab ID: **9869453002** Date Collected: 10/5/2010 09:29 Matrix: Waste Water

Sample ID: **Raw 10-9267** Date Received: 10/6/2010 19:20

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
N-Nitrosodiphenylamine	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Pentachlorophenol	ND		ug/L	75.5	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Phenanthrene	ND		ug/L	7.1	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Phenol	ND		ug/L	37.7	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Pyrene	ND		ug/L	7.1	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
1,2,4-Trichlorobenzene	ND		ug/L	14.2	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
2,4,6-Trichlorophenol	ND		ug/L	37.7	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	78.7		%	38-134	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
2-Fluorobiphenyl (S)	78.4		%	37-113	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
2-Fluorophenol (S)	39.9		%	17-73	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Nitrobenzene-d5 (S)	77.8		%	37-124	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Phenol-d5 (S)	27.6		%	11-53	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
Terphenyl-d14 (S)	116		%	33-125	EPA 625	10/11/10	JEK	10/15/10 12:54	CGS	B1
METALS										
Mercury, Total (XLow-level)	0.0002		mg/L	0.00007	EPA 245.1	10/15/10	MNP	10/15/10 10:15	MNP	A1

Sample Comments:

This sample was analyzed at a dilution in the semivolatile GC/MS analysis due to sample matrix interference. Reporting limits were adjusted accordingly.

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9869453 10-9279, 9267, 9282 & 9280

Lab ID: **9869453001** Date Collected: 10/5/2010 08:52 Matrix: Waste Water

Sample ID: **Final 10-9279** Date Received: 10/6/2010 19:20

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Acenaphthylene	ND		ug/L	1.4	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Anthracene	ND		ug/L	1.4	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Benzidine	ND	1	ug/L	47.2	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
his(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
-Chloronaphthalene	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
2-Chlorophenol	ND		ug/L	7.5	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Chrysene	ND		ug/L	1.4	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Di-n-Butylphthalate	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Dibenzo(a,h)anthracene	ND		ug/L	1.9	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
3,3-Dichlorobenzidine	ND		ug/L	15.1	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Diethylphthalate	ND		ug/L	7.5	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
2,4-Dinitrophenol	ND		ug/L	15.1	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
bis(2-Ethylhexyl)phthalate	5.9		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Fluoranthene	ND		ug/L	1.4	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Fluorene	ND		ug/L	1.4	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Hexachloroethane	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Isophorone	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Naphthalene	ND		ug/L	1.4	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Nitrobenzene	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
2-Nitrophenol	ND		ug/L	7.5	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Nitrophenol	ND		ug/L	7.5	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
.-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1

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ANALYTICAL RESULTS

Workorder: 9869453 10-9279, 9267, 9282 & 9280

Lab ID: **9869453001** Date Collected: 10/5/2010 08:52 Matrix: Waste Water

Sample ID: **Final 10-9279** Date Received: 10/6/2010 19:20

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Pentachlorophenol	ND		ug/L	15.1	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Phenanthrene	ND		ug/L	1.4	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Phenol	ND		ug/L	7.5	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Pyrene	ND		ug/L	1.4	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	79.3		%	38-134	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
2-Fluorobiphenyl (S)	71.2		%	37-113	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
2-Fluorophenol (S)	45.7		%	17-73	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Nitrobenzene-d5 (S)	79.2		%	37-124	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Phenol-d5 (S)	30.5		%	11-53	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
Terphenyl-d14 (S)	91.3		%	33-125	EPA 625	10/11/10	JEK	10/15/10 07:25	CGS	B1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	10/15/10	MNP	10/15/10 10:13	MNP	A1

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9869453 10-9279, 9267, 9282 & 9280

Lab ID:	**9869453003**	Date Collected:	10/5/2010 11:12	Matrix:	Waste Water
Sample ID:	**6th 10-9282**	Date Received:	10/6/2010 19:20		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.001		mg/L	0.00007	EPA 245.1	10/15/10	MNP	10/15/10 10:17	MNP	A1

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9869453 10-9279, 9267, 9282 & 9280

Lab ID:	**9869453004**	Date Collected:	10/5/2010 11:12	Matrix:	Waste Water
Sample ID:	**GC 10-9280**	Date Received:	10/6/2010 19:20		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	10/15/10	MNP	10/15/10 10:23	MNP	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9869453 10-9279, 9267, 9282 & 9280

PARAMETER QUALIFIERS\FLAGS

[1] The QC sample type LCS for method EPA 625 was outside the control limits for the analyte Benzidine. The % Recovery was reported as 0 and the control limits were 5 to 248.

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ANALYTICAL RESULTS

Workorder: 9871818 10-9747/9745/9732/9744

Lab ID: **9871818003** Date Collected: 10/19/2010 08:46 Matrix: Waste Water

Sample ID: **RC 10-9732** Date Received: 10/20/2010 18:20

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Acenaphthylene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Anthracene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Benzidine	ND		ug/L	46.9	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Chloronaphthalene	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
2-Chlorophenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Chrysene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Di-n-Butylphthalate	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Dibenzo(a,h)anthracene	ND		ug/L	1.9	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
3,3-Dichlorobenzidine	ND		ug/L	15.0	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Diethylphthalate	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
2,4-Dinitrophenol	ND		ug/L	15.0	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
bis(2-Ethylhexyl)phthalate	27.2		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Fluoranthene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Fluorene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Hexachloroethane	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Isophorone	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Naphthalene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Nitrobenzene	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
2-Nitrophenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Nitrophenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1

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ANALYTICAL RESULTS

Workorder: 9871818 10-9747/9745/9732/9744

Lab ID: **9871818003** Date Collected: 10/19/2010 08:46 Matrix: Waste Water
Sample ID: **RC 10-9732** Date Received: 10/20/2010 18:20

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Pentachlorophenol	ND		ug/L	15.0	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Phenanthrene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Phenol	7.8		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Pyrene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	78.3		%	38-134	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
2-Fluorobiphenyl (S)	77.7		%	37-113	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
2-Fluorophenol (S)	39.4		%	17-73	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Nitrobenzene-d5 (S)	85.1		%	37-124	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Phenol-d5 (S)	29.6		%	11-53	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
Terphenyl-d14 (S)	45.5		%	33-125	EPA 625	10/22/10	GEC	10/29/10 17:22	CGS	B1
METALS										
Mercury, Total (XLow-level)	ND	1	mg/L	0.00007	EPA 245.1	10/29/10	MNP	10/29/10 11:55	MNP	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9871818 10-9747/9745/9732/9744

Lab ID: **9871818004** Date Collected: 10/19/2010 09:50 Matrix: Waste Water

Sample ID: **FC 10-9744** Date Received: 10/20/2010 18:20

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Acenaphthylene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Anthracene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Benzidine	ND		ug/L	47.2	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
2-Chloronaphthalene	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
2-Chlorophenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Chrysene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Di-n-Butylphthalate	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Dibenzo(a,h)anthracene	ND		ug/L	1.9	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
3,3-Dichlorobenzidine	ND		ug/L	15.1	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Diethylphthalate	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
2,4-Dinitrophenol	ND		ug/L	15.1	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
bis(2-Ethylhexyl)phthalate	8.9		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Fluoranthene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Fluorene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Hexachloroethane	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Isophorone	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Naphthalene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Nitrobenzene	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
2-Nitrophenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
4-Nitrophenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
N-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1

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ANALYTICAL RESULTS

Workorder: 9871818 10-9747/9745/9732/9744

Lab ID: **9871818004** Date Collected: 10/19/2010 09:50 Matrix: Waste Water
Sample ID: **FC 10-9744** Date Received: 10/20/2010 18:20

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Pentachlorophenol	ND		ug/L	15.1	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Phenanthrene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Phenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Pyrene	ND		ug/L	1.4	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	81.7		%	38-134	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
2-Fluorobiphenyl (S)	78.3		%	37-113	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
2-Fluorophenol (S)	42.4		%	17-73	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Nitrobenzene-d5 (S)	81.5		%	37-124	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Phenol-d5 (S)	28.2		%	11-53	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
Terphenyl-d14 (S)	101		%	33-125	EPA 625	10/22/10	GEC	10/29/10 10:25	CGS	B1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	10/29/10	MNP	10/29/10 12:01	MNP	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9871818 10-9747/9745/9732/9744

Lab ID:	**9871818001**	Date Collected:	10/19/2010 11:19	Matrix:	Waste Water
Sample ID:	**6th 10-9747**	Date Received:	10/20/2010 18:20		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	10/29/10	MNP	10/29/10 11:51	MNP	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9871818 10-9747/9745/9732/9744

Lab ID: **9871818002** Date Collected: 10/19/2010 11:05 Matrix: Waste Water
Sample ID: **Grit 10-9745** Date Received: 10/20/2010 18:20

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	10/29/10	MNP	10/29/10 11:53	MNP	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9871818 10-9747/9745/9732/9744

PARAMETER QUALIFIERS\FLAGS

[1] One of the two matrix spike analyses performed on this sample failed to meet acceptable recovery limits. The other matrix spike was within acceptable recovery limits. Matrix interferences are the possible cause for the failure.

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ANALYTICAL RESULTS

Workorder: 9874258 10-10210,10179,10213,10211

Lab ID: **9874258002** Date Collected: 11/2/2010 08:22 Matrix: Waste Water

Sample ID: **Raw, 10-10179** Date Received: 11/3/2010 19:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Acenaphthylene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Anthracene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Benzidine	ND		ug/L	28.3	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Butylbenzylphthalate	3.5		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
.-Chloronaphthalene	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
2-Chlorophenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Chrysene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Di-n-Butylphthalate	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Dibenzo(a,h)anthracene	ND		ug/L	1.9	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
3,3-Dichlorobenzidine	ND		ug/L	15.1	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Diethylphthalate	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
2,4-Dinitrophenol	ND		ug/L	15.1	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
bis(2-Ethylhexyl)phthalate	25.8		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Fluoranthene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Fluorene	1.6		ug/L	1.4	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Hexachloroethane	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Isophorone	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Naphthalene	2.3		ug/L	1.4	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Nitrobenzene	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
2-Nitrophenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
'-Nitrophenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
↓-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1

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ANALYTICAL RESULTS

Workorder: 9874258 10-10210,10179,10213,10211

Lab ID: **9874258002** Date Collected: 11/2/2010 08:22 Matrix: Waste Water

Sample ID: **Raw, 10-10179** Date Received: 11/3/2010 19:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Pentachlorophenol	ND		ug/L	15.1	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Phenanthrene	3.7		ug/L	1.4	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Phenol	26.3		ug/L	7.5	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Pyrene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	115		%	38-134	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
2-Fluorobiphenyl (S)	87.6		%	37-113	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
2-Fluorophenol (S)	43.4		%	17-73	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Nitrobenzene-d5 (S)	84.7		%	37-124	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Phenol-d5 (S)	31.9		%	11-53	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
Terphenyl-d14 (S)	0	1	%	33-125	EPA 625	11/9/10	GEC	11/12/10 05:11	DHF	B1
METALS										
Mercury, Total (XLow-level)	0.0002		mg/L	0.00007	EPA 245.1	11/12/10	MNP	11/12/10 10:44	MNP	A1

Sample Comments:

One or more of the GCMS semi-volatile internal standards were recovered at <50%.

This laboratory report was modified to correct a data entry error for the Method 625 analysis. AJL 11/12/10

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9874258 10-10210,10179,10213,10211

Lab ID: **9874258001** Date Collected: 11/2/2010 09:04 Matrix: Waste Water

Sample ID: **Final, 10-10210** Date Received: 11/3/2010 19:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Acenaphthylene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Anthracene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Benzidine	ND		ug/L	28.3	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
4-Bromophenyl-phenylether	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Butylbenzylphthalate	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
4-Chloro-3-methylphenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
bis(2-Chloroethoxy)methane	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
bis(2-Chloroethyl)ether	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
his(2-Chloroisopropyl)ether	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
-Chloronaphthalene	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
2-Chlorophenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Chrysene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Di-n-Butylphthalate	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Di-n-Octylphthalate	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Dibenzo(a,h)anthracene	ND		ug/L	1.9	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
3,3-Dichlorobenzidine	ND		ug/L	15.1	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
2,4-Dichlorophenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Diethylphthalate	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
2,4-Dimethylphenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Dimethylphthalate	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
2,4-Dinitrophenol	ND		ug/L	15.1	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
2,4-Dinitrotoluene	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
2,6-Dinitrotoluene	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
1,2-Diphenylhydrazine	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
bis(2-Ethylhexyl)phthalate	4.9		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Fluoranthene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Fluorene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Hexachlorobenzene	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Hexachlorobutadiene	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Hexachlorocyclopentadiene	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Hexachloroethane	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Isophorone	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Naphthalene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Nitrobenzene	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
2-Nitrophenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Nitrophenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
-Nitrosodimethylamine	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1

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ANALYTICAL RESULTS

Workorder: 9874258 10-10210,10179,10213,10211

Lab ID: **9874258001** Date Collected: 11/2/2010 09:04 Matrix: Waste Water

Sample ID: **Final, 10-10210** Date Received: 11/3/2010 19:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
N-Nitrosodiphenylamine	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Pentachlorophenol	ND		ug/L	15.1	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Phenanthrene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Phenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Pyrene	ND		ug/L	1.4	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
2,4,6-Trichlorophenol	ND		ug/L	7.5	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	91.7		%	38-134	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
2-Fluorobiphenyl (S)	78.3		%	37-113	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
2-Fluorophenol (S)	51.2		%	17-73	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Nitrobenzene-d5 (S)	79.5		%	37-124	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Phenol-d5 (S)	34.7		%	11-53	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
Terphenyl-d14 (S)	53.1		%	33-125	EPA 625	11/9/10	GEC	11/11/10 20:35	DHF	B1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	11/12/10	MNP	11/12/10 10:42	MNP	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9874258 10-10210,10179,10213,10211

Lab ID:	**9874258003**	Date Collected:	11/2/2010 09:27	Matrix:	Waste Water
Sample ID:	**6th, 10-10213**	Date Received:	11/3/2010 19:40		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0001		mg/L	0.00007	EPA 245.1	11/12/10	MNP	11/12/10 10:46	MNP	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9874258 10-10210,10179,10213,10211

Lab ID:	**9874258004**	Date Collected:	11/2/2010 08:54	Matrix:	Waste Water
Sample ID:	**GC, 10-10211**	Date Received:	11/3/2010 19:40		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0001	2	mg/L	0.00007	EPA 245.1	11/12/10	MNP	11/12/10 10:48	MNP	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9874258 10-10210,10179,10213,10211

PARAMETER QUALIFIERS\FLAGS

[1] The surrogate Terphenyl-d14 for method EPA 625 was outside of control limits. The % Recovery was reported as 0 and the control limits were 33 to 125. This result was reported at a dilution of 1.

[2] One of the two matrix spike analyses performed on this sample failed to meet acceptable recovery limits. The other matrix spike was within acceptable recovery limits. Matrix interferences are the possible cause for the failure.

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ANALYTICAL RESULTS

Workorder: 9874259 10-10215

Lab ID: **9874259001** Date Collected: 11/2/2010 10:50 Matrix: Solid

Sample ID: **Belt Press Sludge, 10-10215** Date Received: 11/3/2010 19:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	1350	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Acenaphthylene	ND		ug/kg	1350	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Anthracene	ND		ug/kg	1350	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Benzidine	ND		ug/kg	27000	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Benzo(a)anthracene	ND		ug/kg	1350	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Benzo(a)pyrene	ND		ug/kg	1350	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Benzo(b)fluoranthene	ND		ug/kg	1350	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Benzo(g,h,i)perylene	ND		ug/kg	1350	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Benzo(k)fluoranthene	ND		ug/kg	1350	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
4-Bromophenyl-phenylether	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Butylbenzylphthalate	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
4-Chloro-3-methylphenol	ND		ug/kg	7290	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
bis(2-Chloroethoxy)methane	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
bis(2-Chloroethyl)ether	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
bis(2-Chloroisopropyl)ether	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
-Chloronaphthalene	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
2-Chlorophenol	ND		ug/kg	7290	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
4-Chlorophenyl-phenylether	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Chrysene	ND		ug/kg	1350	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Di-n-Butylphthalate	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Di-n-Octylphthalate	ND		ug/kg	7290	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Dibenzo(a,h)anthracene	ND		ug/kg	1620	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
1,2-Dichlorobenzene	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
1,3-Dichlorobenzene	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
1,4-Dichlorobenzene	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
3,3-Dichlorobenzidine	ND		ug/kg	14600	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
2,4-Dichlorophenol	ND		ug/kg	7290	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Diethylphthalate	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
2,4-Dimethylphenol	ND		ug/kg	7290	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Dimethylphthalate	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
2,4-Dinitrophenol	ND		ug/kg	14600	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
2,4-Dinitrotoluene	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
2,6-Dinitrotoluene	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
1,2-Diphenylhydrazine	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
bis(2-Ethylhexyl)phthalate	40600		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Fluoranthene	ND		ug/kg	1350	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Fluorene	ND		ug/kg	1350	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Hexachlorobenzene	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Hexachlorobutadiene	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Hexachlorocyclopentadiene	ND		ug/kg	7290	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Hexachloroethane	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1350	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Isophorone	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
2-Methyl-4,6-dinitrophenol	ND		ug/kg	7290	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
aphthalene	ND		ug/kg	1350	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
itrobenzene	ND		ug/kg	3240	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1

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ANALYTICAL RESULTS

Workorder: 9874259 10-10215

Lab ID: **9874259001** Date Collected: 11/2/2010 10:50 Matrix: Solid

Sample ID: **Belt Press Sludge, 10-10215** Date Received: 11/3/2010 19:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Nitrophenol	ND		ug/kg	7290	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
4-Nitrophenol	ND		ug/kg	7290	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
N-Nitrosodimethylamine	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
N-Nitroso-di-n-propylamine	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
N-Nitrosodiphenylamine	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Pentachlorophenol	ND		ug/kg	14600	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Phenanthrene	1480		ug/kg	1350	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Phenol	ND		ug/kg	7290	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Pyrene	ND		ug/kg	1350	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
1,2,4-Trichlorobenzene	ND		ug/kg	2700	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
2,4,6-Trichlorophenol	ND		ug/kg	7290	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	89.8		%	37-123	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
2-Fluorobiphenyl (S)	81.7		%	45-105	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
2-Fluorophenol (S)	73.6		%	35-104	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Nitrobenzene-d5 (S)	71.5		%	41-110	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Phenol-d5 (S)	74.1		%	40-100	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
Terphenyl-d14 (S)	61.5		%	38-113	SW846 8270D	11/10/10	EGO	11/16/10 02:24	CGS	A1
WET CHEMISTRY										
Moisture	81.5		%	0.1	SM20-2540 G			11/4/10 08:30	MLM	A
Total Solids	18.5		%	0.1	SM20-2540 G			11/4/10 08:30	MLM	A

Sample Comments:

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Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9876623 10-10676/10691/10694/10692

Lab ID: **9876623001** Date Collected: 11/16/2010 08:35 Matrix: Waste Water

Sample ID: **Raw 10-10676** Date Received: 11/17/2010 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
bis(2-Ethylhexyl)phthalate	ND		ug/L	56.6	EPA 625	11/22/10	GEC	11/23/10 15:46	CGS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	70.9		%	38-134	EPA 625	11/22/10	GEC	11/23/10 15:46	CGS	B1
2-Fluorobiphenyl (S)	72.1		%	37-113	EPA 625	11/22/10	GEC	11/23/10 15:46	CGS	B1
2-Fluorophenol (S)	31.5		%	17-73	EPA 625	11/22/10	GEC	11/23/10 15:46	CGS	B1
Nitrobenzene-d5 (S)	61.9		%	37-124	EPA 625	11/22/10	GEC	11/23/10 15:46	CGS	B1
Phenol-d5 (S)	21.1		%	11-53	EPA 625	11/22/10	GEC	11/23/10 15:46	CGS	B1
Terphenyl-d14 (S)	101		%	33-125	EPA 625	11/22/10	GEC	11/23/10 15:46	CGS	B1
METALS										
Mercury, Total (XLow-level)	0.0004		mg/L	0.00007	EPA 245.1	11/23/10	MNP	11/23/10 10:12	MNP	A1

ample Comments:

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Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9876623 10-10676/10691/10694/10692

Lab ID: **9876623002** Date Collected: 11/16/2010 09:22 Matrix: Waste Water

Sample ID: **Final 10-10691** Date Received: 11/17/2010 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
bis(2-Ethylhexyl)phthalate	5.7		ug/L	2.8	EPA 625	11/22/10	GEC	11/23/10 02:20	CGS	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	84.3		%	38-134	EPA 625	11/22/10	GEC	11/23/10 02:20	CGS	B1
2-Fluorobiphenyl (S)	76.6		%	37-113	EPA 625	11/22/10	GEC	11/23/10 02:20	CGS	B1
2-Fluorophenol (S)	47.2		%	17-73	EPA 625	11/22/10	GEC	11/23/10 02:20	CGS	B1
Nitrobenzene-d5 (S)	73.6		%	37-124	EPA 625	11/22/10	GEC	11/23/10 02:20	CGS	B1
Phenol-d5 (S)	31.8		%	11-53	EPA 625	11/22/10	GEC	11/23/10 02:20	CGS	B1
Terphenyl-d14 (S)	66		%	33-125	EPA 625	11/22/10	GEC	11/23/10 02:20	CGS	B1
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	11/23/10	MNP	11/23/10 10:14	MNP	A1

mple Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9876623 10-10676/10691/10694/10692

Lab ID:	**9876623003**	Date Collected:	11/16/2010 10:35	Matrix:	Waste Water
Sample ID:	**6th 10-10694**	Date Received:	11/17/2010 20:00		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0001		mg/L	0.00007	EPA 245.1	11/23/10	MNP	11/23/10 10:20	MNP	A1

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9876623 10-10676/10691/10694/10692

Lab ID:	**9876623004**	Date Collected:	11/16/2010 10:25	Matrix:	Waste Water
Sample ID:	**GC 10-10692**	Date Received:	11/17/2010 20:00		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0001		mg/L	0.00007	EPA 245.1	11/23/10	MNP	11/23/10 10:22	MNP	A1

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9881194 10-11616,11629,11633,11631

Lab ID: **9881194001** Date Collected: 12/15/2010 08:25 Matrix: Waste Water

Sample ID: **Raw 10-11616** Date Received: 12/16/2010 20:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	5.7	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Acenaphthylene	ND		ug/L	5.7	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Anthracene	ND		ug/L	5.7	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Benzidine	ND		ug/L	113	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Benzo(a)anthracene	ND		ug/L	5.7	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Benzo(a)pyrene	ND		ug/L	5.7	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Benzo(b)fluoranthene	ND		ug/L	5.7	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Benzo(g,h,i)perylene	ND		ug/L	5.7	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Benzo(k)fluoranthene	ND		ug/L	5.7	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
4-Bromophenyl-phenylether	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Butylbenzylphthalate	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
4-Chloro-3-methylphenol	ND		ug/L	30.2	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
bis(2-Chloroethoxy)methane	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
bis(2-Chloroethyl)ether	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
bis(2-Chloroisopropyl)ether	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
-Chloronaphthalene	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
2-Chlorophenol	ND		ug/L	30.2	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
4-Chlorophenyl-phenylether	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Chrysene	ND		ug/L	5.7	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Di-n-Butylphthalate	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Di-n-Octylphthalate	ND		ug/L	30.2	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Dibenzo(a,h)anthracene	ND		ug/L	7.5	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
3,3-Dichlorobenzidine	ND		ug/L	60.4	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
2,4-Dichlorophenol	ND		ug/L	30.2	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Diethylphthalate	ND		ug/L	30.2	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
2,4-Dimethylphenol	ND		ug/L	30.2	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Dimethylphthalate	ND		ug/L	30.2	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
2,4-Dinitrophenol	ND		ug/L	60.4	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
2,4-Dinitrotoluene	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
2,6-Dinitrotoluene	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
1,2-Diphenylhydrazine	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
bis(2-Ethylhexyl)phthalate	16.5		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Fluoranthene	ND		ug/L	5.7	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Fluorene	ND		ug/L	5.7	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Hexachlorobenzene	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Hexachlorobutadiene	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Hexachlorocyclopentadiene	ND		ug/L	30.2	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Hexachloroethane	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Indeno(1,2,3-cd)pyrene	ND		ug/L	5.7	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Isophorone	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
2-Methyl-4,6-dinitrophenol	ND		ug/L	30.2	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Naphthalene	ND		ug/L	5.7	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Nitrobenzene	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
2-Nitrophenol	ND		ug/L	30.2	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
-Nitrophenol	ND		ug/L	30.2	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
-Nitrosodimethylamine	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1

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ANALYTICAL RESULTS

Workorder: 9881194 10-11616,11629,11633,11631

Lab ID: **9881194001** Date Collected: 12/15/2010 08:25 Matrix: Waste Water
Sample ID: **Raw 10-11616** Date Received: 12/16/2010 20:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
N-Nitrosodiphenylamine	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Pentachlorophenol	ND		ug/L	60.4	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Phenanthrene	ND		ug/L	5.7	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Phenol	ND		ug/L	30.2	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Pyrene	ND		ug/L	5.7	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
1,2,4-Trichlorobenzene	ND		ug/L	11.3	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
2,4,6-Trichlorophenol	ND		ug/L	30.2	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	61.7		%	38-134	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
2-Fluorobiphenyl (S)	60.1		%	37-113	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
2-Fluorophenol (S)	25.1		%	17-73	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Nitrobenzene-d5 (S)	57		%	37-124	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Phenol-d5 (S)	19.3		%	11-53	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
Terphenyl-d14 (S)	53.7		%	33-125	EPA 625	12/21/10	GEC	12/28/10 17:05	DHF	C1
WET CHEMISTRY										
Biochemical Oxygen Demand	406		mg/L	2.0	SM20-5210 B			12/17/10 01:19	JEP	B
METALS										
Mercury, Total (XLow-level)	0.0002		mg/L	0.00007	EPA 245.1	12/27/10	MNP	12/27/10 10:15	MNP	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9881194 10-11616,11629,11633,11631

Lab ID: **9881194002** Date Collected: 12/15/2010 09:28 Matrix: Waste Water

Sample ID: **Final, 10-11629** Date Received: 12/16/2010 20:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Acenaphthylene	ND		ug/L	1.4	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Anthracene	ND		ug/L	1.4	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Benzidine	ND		ug/L	28.6	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Benzo(a)anthracene	ND		ug/L	1.4	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Benzo(a)pyrene	ND		ug/L	1.4	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Benzo(b)fluoranthene	ND		ug/L	1.4	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Benzo(g,h,i)perylene	ND		ug/L	1.4	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Benzo(k)fluoranthene	ND		ug/L	1.4	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
4-Bromophenyl-phenylether	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Butylbenzylphthalate	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
4-Chloro-3-methylphenol	ND		ug/L	7.6	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
bis(2-Chloroethoxy)methane	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
bis(2-Chloroethyl)ether	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
his(2-Chloroisopropyl)ether	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
-Chloronaphthalene	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
2-Chlorophenol	ND		ug/L	7.6	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
4-Chlorophenyl-phenylether	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Chrysene	ND		ug/L	1.4	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Di-n-Butylphthalate	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Di-n-Octylphthalate	ND		ug/L	7.6	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Dibenzo(a,h)anthracene	ND		ug/L	1.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
3,3-Dichlorobenzidine	ND		ug/L	15.2	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
2,4-Dichlorophenol	ND		ug/L	7.6	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Diethylphthalate	ND		ug/L	7.6	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
2,4-Dimethylphenol	ND		ug/L	7.6	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Dimethylphthalate	ND		ug/L	7.6	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
2,4-Dinitrophenol	ND		ug/L	15.2	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
2,4-Dinitrotoluene	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
2,6-Dinitrotoluene	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
1,2-Diphenylhydrazine	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
bis(2-Ethylhexyl)phthalate	5.0		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Fluoranthene	ND		ug/L	1.4	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Fluorene	ND		ug/L	1.4	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Hexachlorobenzene	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Hexachlorobutadiene	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Hexachlorocyclopentadiene	ND		ug/L	7.6	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Hexachloroethane	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Isophorone	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.6	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Naphthalene	ND		ug/L	1.4	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Nitrobenzene	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
2-Nitrophenol	ND		ug/L	7.6	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
-Nitrophenol	ND		ug/L	7.6	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
-Nitrosodimethylamine	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1

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ANALYTICAL RESULTS

Workorder: 9881194 10-11616,11629,11633,11631

Lab ID: **9881194002** Date Collected: 12/15/2010 09:28 Matrix: Waste Water
Sample ID: **Final, 10-11629** Date Received: 12/16/2010 20:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitroso-di-n-propylamine	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
N-Nitrosodiphenylamine	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Pentachlorophenol	ND		ug/L	15.2	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Phenanthrene	ND		ug/L	1.4	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Phenol	ND		ug/L	7.6	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Pyrene	ND		ug/L	1.4	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
1,2,4-Trichlorobenzene	ND		ug/L	2.9	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
2,4,6-Trichlorophenol	ND		ug/L	7.6	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	91		%	38-134	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
2-Fluorobiphenyl (S)	72.1		%	37-113	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
2-Fluorophenol (S)	35		%	17-73	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Nitrobenzene-d5 (S)	70.3		%	37-124	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Phenol-d5 (S)	34.5		%	11-53	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
Terphenyl-d14 (S)	60.5		%	33-125	EPA 625	12/21/10	GEC	12/22/10 15:10	CGS	C1
WET CHEMISTRY										
Biochemical Oxygen Demand	20.9		mg/L	2.0	SM20-5210 B			12/17/10 01:19	JEP	B
Carbonaceous BOD	20.2		mg/L	2.0	SM20-5210 B			12/17/10 04:48	JEP	B
METALS										
Mercury, Total (XLow-level)	ND		mg/L	0.00007	EPA 245.1	12/27/10	MNP	12/27/10 10:17	MNP	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9881194 10-11616,11629,11633,11631

Lab ID: **9881194003** Date Collected: 12/15/2010 10:04 Matrix: Waste Water

Sample ID: **6th, 10-11633** Date Received: 12/16/2010 20:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0001		mg/L	0.00007	EPA 245.1	12/27/10	MNP	12/27/10 10:19	MNP	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9881194 10-11616,11629,11633,11631

Lab ID:	**9881194004**	Date Collected:	12/15/2010 09:48	Matrix:	Waste Water
Sample ID:	**Grit, 10-11631**	Date Received:	12/16/2010 20:25		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Mercury, Total (XLow-level)	0.0001		mg/L	0.00007	EPA 245.1	12/27/10	MNP	12/27/10 10:21	MNP	A1

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9879689 10-11357

Lab ID: **9879689001** Date Collected: 12/7/2010 08:25 Matrix: Solid

Sample ID: **Biosolids, 10-11357** Date Received: 12/8/2010 18:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	1330	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Acenaphthylene	ND		ug/kg	1330	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Anthracene	ND		ug/kg	1330	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Benzidine	ND		ug/kg	26600	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Benzo(a)anthracene	ND		ug/kg	1330	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Benzo(a)pyrene	ND		ug/kg	1330	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Benzo(b)fluoranthene	ND		ug/kg	1330	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Benzo(g,h,i)perylene	ND		ug/kg	1330	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Benzo(k)fluoranthene	ND		ug/kg	1330	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
4-Bromophenyl-phenylether	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Butylbenzylphthalate	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
4-Chloro-3-methylphenol	ND		ug/kg	7190	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
bis(2-Chloroethoxy)methane	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
bis(2-Chloroethyl)ether	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
bis(2-Chloroisopropyl)ether	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
:-Chloronaphthalene	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
2-Chlorophenol	ND		ug/kg	7190	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
4-Chlorophenyl-phenylether	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Chrysene	ND		ug/kg	1330	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Di-n-Butylphthalate	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Di-n-Octylphthalate	ND		ug/kg	7190	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Dibenzo(a,h)anthracene	ND		ug/kg	1600	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
1,2-Dichlorobenzene	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
1,3-Dichlorobenzene	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
1,4-Dichlorobenzene	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
3,3-Dichlorobenzidine	ND		ug/kg	14400	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
2,4-Dichlorophenol	ND		ug/kg	7190	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Diethylphthalate	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
2,4-Dimethylphenol	ND		ug/kg	7190	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Dimethylphthalate	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
2,4-Dinitrophenol	ND		ug/kg	14400	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
2,4-Dinitrotoluene	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
2,6-Dinitrotoluene	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
1,2-Diphenylhydrazine	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
bis(2-Ethylhexyl)phthalate	49200		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Fluoranthene	ND		ug/kg	1330	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Fluorene	ND		ug/kg	1330	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Hexachlorobenzene	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Hexachlorobutadiene	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Hexachlorocyclopentadiene	ND		ug/kg	7190	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Hexachloroethane	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1330	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Isophorone	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
2-Methyl-4,6-dinitrophenol	ND		ug/kg	7190	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Naphthalene	ND		ug/kg	1330	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Nitrobenzene	ND		ug/kg	3200	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1

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ANALYTICAL RESULTS

Workorder: 9879689 10-11357

Lab ID: **9879689001** Date Collected: 12/7/2010 08:25 Matrix: Solid

Sample ID: **Biosolids, 10-11357** Date Received: 12/8/2010 18:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Nitrophenol	ND		ug/kg	7190	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
4-Nitrophenol	ND		ug/kg	7190	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
N-Nitrosodimethylamine	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
N-Nitroso-di-n-propylamine	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
N-Nitrosodiphenylamine	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Pentachlorophenol	ND		ug/kg	14400	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Phenanthrene	1990		ug/kg	1330	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Phenol	ND		ug/kg	7190	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Pyrene	ND		ug/kg	1330	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
1,2,4-Trichlorobenzene	ND		ug/kg	2660	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
2,4,6-Trichlorophenol	ND		ug/kg	7190	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1

Library Search - SemiVolatiles

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	0	2	%	37-123	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
-Fluorobiphenyl (S)	85.2		%	45-105	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
2-Fluorophenol (S)	93.6		%	35-104	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Nitrobenzene-d5 (S)	77.8		%	41-110	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Phenol-d5 (S)	299	1	%	40-100	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1
Terphenyl-d14 (S)	73.1		%	38-113	SW846 8270D	12/10/10	EGO	12/15/10 21:41	CGS	A1

WET CHEMISTRY

Moisture	81.3		%	0.1	SM20-2540 G			12/10/10 02:05	LJF	A
Total Solids	18.7		%	0.1	SM20-2540 G			12/10/10 02:05	LJF	A

Sample Comments:

Anna G Milliken
Laboratory Manager

ANALYTICAL LABORATORY SERVICES, INC.
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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9879689 10-11357

PARAMETER QUALIFIERS\FLAGS

[1] The surrogate Phenol-d5 for method SW846 8270D was outside of control limits. The % Recovery was reported as 299 and the control limits were 40 to 100. This result was reported at a dilution of 1.

[2] The surrogate 2,4,6-Tribromophenol for method SW846 8270D was outside of control limits. The % Recovery was reported as 0 and the control limits were 37 to 123. This result was reported at a dilution of 1.

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PA DEP Lab ID # 14-00588

Analysis Report for Use of Biosolids on Cropland

Amy Morriss
City of Reading WWTP
815 Washington St
Reading PA 19601

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FEB 12 2010
DEPT. OF PUBLIC WORKS

Lab Sample ID:	**E13818**
Date Received:	January 12, 2010
Date Sampled:	1/5/10
Report Date:	2/5/10
Sample type:	
County:	Berks
Customer Sample ID:	Biosolids 10-164

RESULTS

pH	Solids	Volatile	Tot-N	Org-N	NH_4N	P	K	Mg	Ca	Na	Fe	Al
22.4	— % —	% (dry weight basis)										
7.9	17.51	65.94	5.62	4.89	0.74	2.03	0.11	0.41	5.48	0.11	1.21	0.81

Mn	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn	PCB	Reactive CN
mg/kg (dry weight basis)												
380.3	3.64	3.36	92.9	498.4	151.6	3.28	40.2	41.7	9.26	1327.8	<.61	< 2

NR-Not Requested One dry ton of this material is equivalent to 1369 gallons of wet material or 5.7 tons of wet material

PRIMARY NUTRIENT CONTENT

	% (dry wt basis)		
To	5.62	0.89	dry tons of this biosolid will supply 100 lbs of total N.
P_2O_5	4.65	2.46	dry tons of this biosolid will supply 100 lbs of P
K_2O	0.14		

ANALYSIS INFORMATION FOR EPA 503 POLLUTANTS

Analyte	EPA SW-846 Method	Analyst	Date	Time
Cd,Cu,Mo,Pb,Ni,Zn	3050B + 6010	Stecko	1/21/2010	9:55:25
As	3050B + 6010	Stecko	1/21/2010	9:55:25
Se	3050B + 6010	Stecko	1/21/2010	9:55:25
Hg	7473	Brooks	01/19/2010	11:00 AM
PCBs[1]	8082			

[1]Subcontracted to Fairway Laboratories, Inc., Altoona, PA

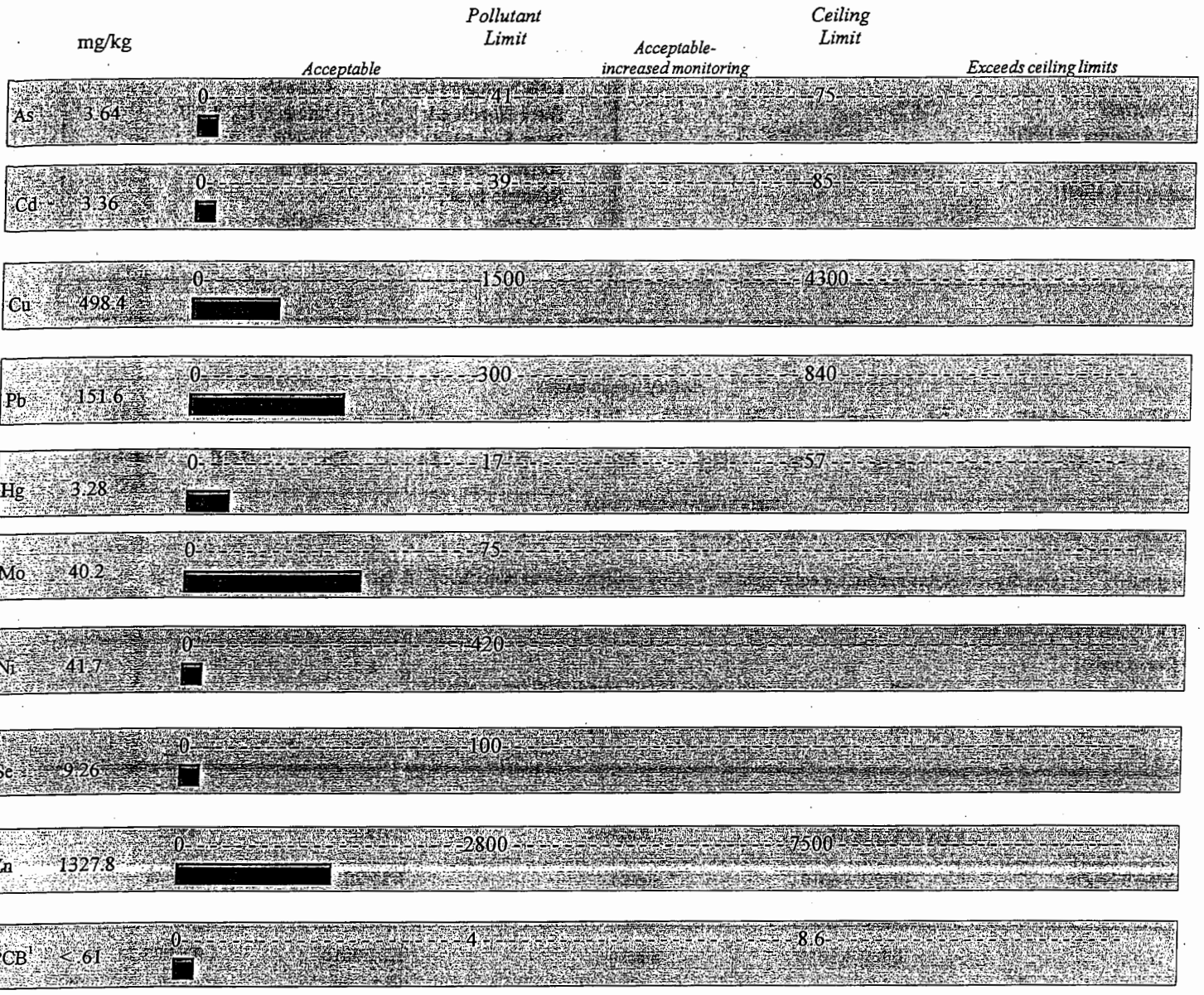
RAW LABORATORY BENCH DATA FOR EPA 503 POLLUTANTS

	As	Cd	Cu	Hg	Mo	Ni	Pb	Se	Zn
Wet Wt. aliquot (g)	2.139	2.139	2.139	0.399	2.139	2.139	2.139	2.139	2.139
Analyte conc. in sample/ digest (mg/L except Hg)	0.027	0.025	3.73	0.229 ug	0.30	0.31	1.14	0.07	9.95
Method limit (mg/L except Hg)	0.015	0.005	0.015	0.0010 ug	0.015	0.005	0.020	0.015	0.008

Optional Analyses: Results (except soluble salts) on dry weight basis					Sample Receipt
Nitrat (mg/kg)	Total Carbon (%)	CCE Calcium Carbonate Equivalent (%)	Soluble Salts (mmhos/cm)	Other:	Ambient Temperature

ID: E13818

EPA REGULATIONS FOR LAND APPLICATION OF BIOSOLIDS (40 CFR Part 503) and DEP GUIDELINES FOR USE OF BIOSOLIDS FOR AGRICULTURAL UTILIZATION



[1]DEP limit only

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PA DEP Lab ID # 14-00588

Analysis Report for Use of Biosolids on Cropland

Amy Morriss
City of Reading WWTP
815 Washington St
Reading PA 19601

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FEB 2 6 2010
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Lab Sample ID:	**E13854**
Date Received:	February 5, 2010
Date Sampled:	2/2/10
Report Date:	2/22/10
Sample type:	Composite
County:	Berks
Customer Sample ID:	Belt Press Sludge 10-1062

RESULTS

pH	Solids	Volatile	Tot-N	Org-N	NH_4N	P	K	Mg	Ca	Na	Fe	Al
@ 21.3	— % —	% (dry weight basis)										
7.7	20.65	62.21	4.77	4.14	0.63	1.93	0.10	0.37	6.71	0.09	1.08	0.71

Mn	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn	PCB	Reactive CN
mg/kg (dry weight basis)												
2784.6	2.83	3.54	110.2	474.2	129.9	3.23	56.8	58.0	8.46	1328.8	< 1.31	< 2

NR-Not Requested One dry ton of this material is equivalent to 1161 gallons of wet material or 4.8 tons of wet material

PRIMARY NUTRIENT CONTENT

	% (dry wt basis)		
Tot	4.77	1.05	dry tons of this biosolid will supply 100 lbs of total N.
P_2O_5	4.41	2.60	dry tons of this biosolid will supply 100 lbs of P
K_2O	0.12		

ANALYSIS INFORMATION FOR EPA 503 POLLUTANTS

Analyte	EPA SW-846 Method	Analyst	Date	Time
Cd,Cu,Mo,Pb,Ni,Zn	3050B + 6010	Stecko	2/12/2010	8:15:48
As	3050B + 6010	Stecko	2/12/2010	8:15:48
Se	3050B + 6010	Stecko	2/12/2010	8:15:48
Hg	7473	Brooks	02/11/2010	9:30 AM
PCBs[1]	8082			

[1]Subcontracted to Fairway Laboratories, Inc., Altoona, PA

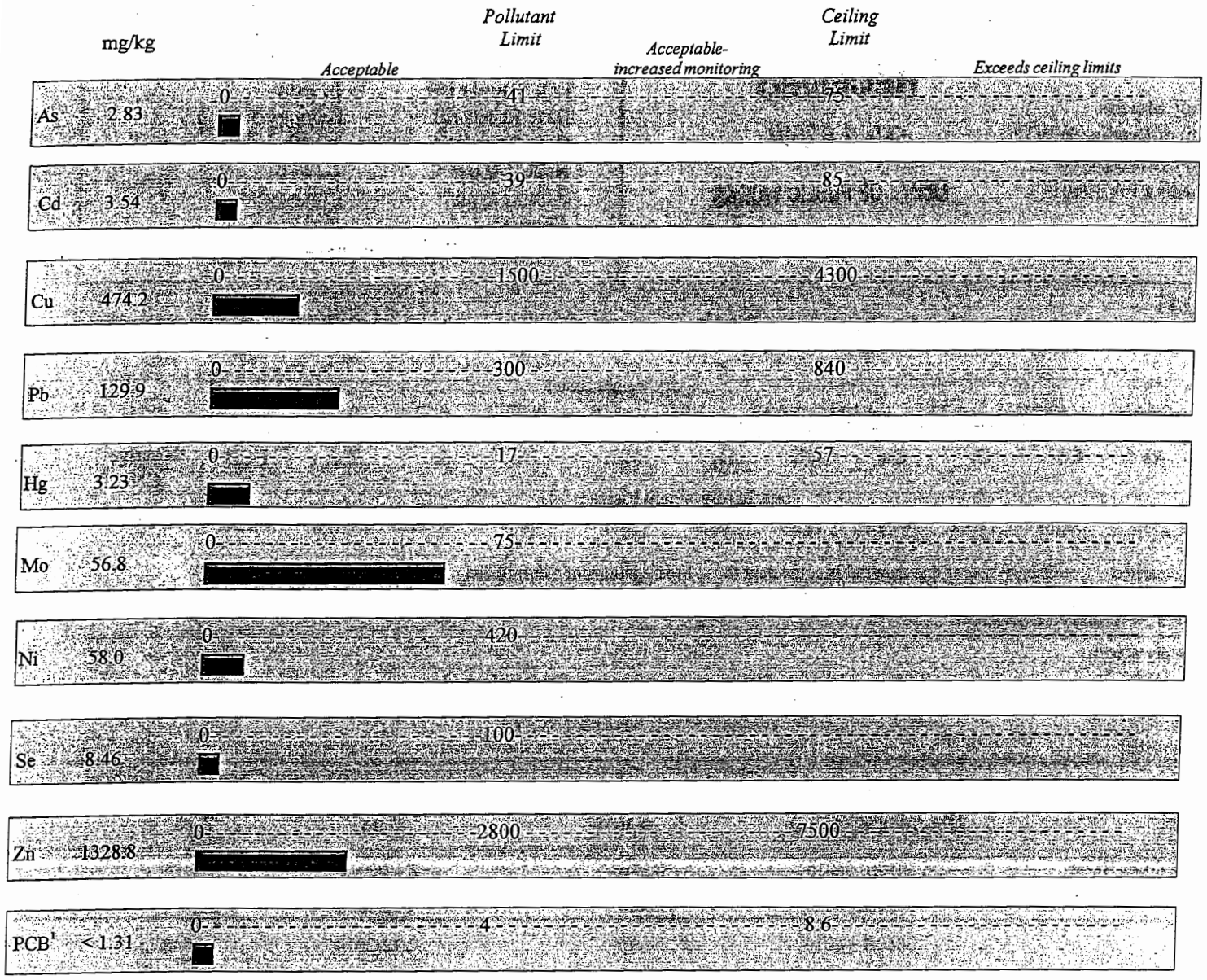
RAW LABORATORY BENCH DATA FOR EPA 503 POLLUTANTS

	As	Cd	Cu	Hg	Mo	Ni	Pb	Se	Zn
Wet Wt. aliquot (g)	1.691	1.691	1.691	0.331	1.691	1.691	1.691	1.691	1.691
Analyte conc. in sample/ digest (mg/L except Hg)	0.020	0.025	3.31	0.221 ug	0.40	0.41	0.91	0.06	9.28
Method limit (mg/L except Hg)	0.015	0.005	0.015	0.0010 ug	0.015	0.005	0.020	0.015	0.008

Optional Analyses: Results (except soluble salts) on dry weight basis					Sample Receipt
rate-' g/kg)	Total Carbon (%)	CCE Calcium Carbonate Equivalent (%)	Soluble Salts (mmhos/cm)	Other:	

ID: E13854

EPA REGULATIONS FOR LAND APPLICATION OF BIOSOLIDS (40 CFR Part 503) and DEP GUIDELINES FOR USE OF BIOSOLIDS FOR AGRICULTURAL UTILIZATION



[1]DEP limit only

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PA DEP Lab ID # 14-00588

Analysis Report for Use of Biosolids on Cropland

Amy Morriss
City of Reading WWTP
815 Washington St
Reading PA 19601

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Lab Sample ID:	**E13913**
Date Received:	March 4, 2010
Date Sampled:	3/2/10
Report Date:	3/22/10
Sample type:	Composite
County:	Berks
Customer Sample ID:	Belt Press Sludge Biosolids

RESULTS

pH	Solids	Volatile	Tot-N	Org-N	NH_4N	P	K	Mg	Ca	Na	Fe	Al
@ 22.8	— % —	% (dry weight basis)										
8.1	18.78	68.49	5.88	5.12	0.76	2.24	0.11	0.45	5.79	0.13	1.07	0.86

Mn	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn	PCB	Reactive CN
mg/kg (dry weight basis)												
4383.6	3.01	3.61	109.3	530.8	134.0	2.71	57.0	55.9	9.39	1645.7	< 1.42	< 2

NR-Not Requested One dry ton of this material is equivalent to 1277 gallons of wet material or 5.3 tons of wet material

PRIMARY NUTRIENT CONTENT

	% (dry wt basis)		
T[illegible] N	5.88	0.85	dry tons of this biosolid will supply 100 lbs of total N.
P_2O_5	5.13	2.23	dry tons of this biosolid will supply 100 lbs of P
K_2O	0.13		

ANALYSIS INFORMATION FOR EPA 503 POLLUTANTS

Analyte	EPA SW-846 Method	Analyst	Date	Time
Cd,Cu,Mo,Pb,Ni,Zn	3050B + 6010	Stecko	3/11/2010	8:14:46
As	3050B + 6010	Stecko	3/11/2010	8:14:46
Se	3050B + 6010	Stecko	3/11/2010	8:14:46
Hg	7473	Brooks	03/10/2010	12:00 PM
PCBs[1]	8082			

[1]Subcontracted to Fairway Laboratories, Inc., Altoona, PA

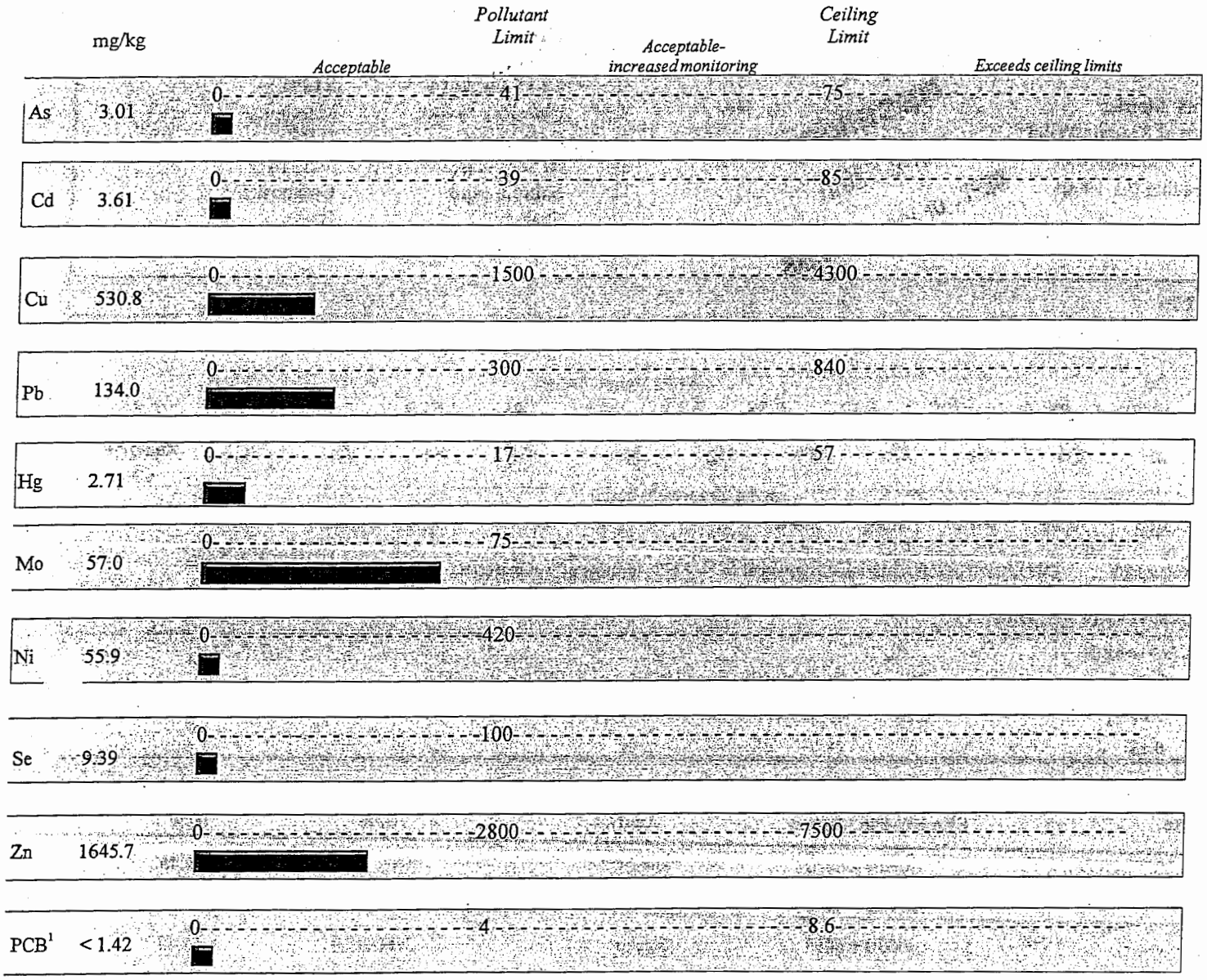
RAW LABORATORY BENCH DATA FOR EPA 503 POLLUTANTS

	As	Cd	Cu	Hg	Mo	Ni	Pb	Se	Zn
Wet Wt. aliquot (g)	2.235	2.235	2.235	0.412	2.235	2.235	2.235	2.235	2.235
Analyte conc. in sample/ digest (mg/L except Hg)	0.025	0.030	4.46	0.209 ug	0.48	0.47	1.12	0.08	13.81
Method limit (mg/L except Hg)	0.015	0.005	0.015	0.0010 ug	0.015	0.005	0.020	0.015	0.008

Optional Analyses: Results (except soluble salts) on dry weight basis					Sample Receipt
trate-N mg/kg	Total Carbon (%)	CCE Calcium Carbonate Equivalent (%)	Soluble Salts (mmhos/cm)	Other:	Ambient Temperature

ID: E13913

EPA REGULATIONS FOR LAND APPLICATION OF BIOSOLIDS (40 CFR Part 503) and DEP GUIDELINES FOR USE OF BIOSOLIDS FOR AGRICULTURAL UTILIZATION



[1]DEP limit only

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PA DEP Lab ID # 14-00588

Analysis Report for Use of Biosolids on Cropland

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Amy Morriss
City of Reading WWTP
815 Washington St
Reading PA 19601

Lab Sample ID: E13985
Date Received: April 9, 2010
Date Sampled: 4/6/10
Report Date: 4/26/10
Sample type: Composite
County: Berks
Customer Sample ID: 10-3092

RESULTS

pH	Solids	Volatile	Tot-N	Org-N	NH_4N	P	K	Mg	Ca	Na	Fe	Al
@ 23.3	— % —	% (dry weight basis)										
8.0	17.52	69.39	6.12	5.40	0.72	1.83	0.10	0.37	4.26	0.09	1.03	0.78

Mn	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn	PCB	Reactive CN
mg/kg (dry weight basis)												
3107.7	3.46	4.19	103.7	520.6	100.2	2.61	46.3	48.2	8.8	1484.5	< .91	< 1

NR-Not Requested One dry ton of this material is equivalent to 1369 gallons of wet material or 5.7 tons of wet material

PRIMARY NUTRIENT CONTENT

	% (dry wt basis)		
T N	6.12	0.82	dry tons of this biosolid will supply 100 lbs of total N.
P_2O_5	4.19	2.73	dry tons of this biosolid will supply 100 lbs of P
K_2O	0.12		

ANALYSIS INFORMATION FOR EPA 503 POLLUTANTS

Analyte	EPA SW-846 Method	Analyst	Date	Time
Cd,Cu,Mo,Pb,Ni,Zn	3050B + 6010	Stecko	4/15/2010	11:41:00
As	3050B + 6010	Stecko	4/15/2010	11:41:00
Se	3050B + 6010	Stecko	4/15/2010	11:41:00
Hg	7473	Brooks	04/19/2010	1:00 PM
PCBs[1]	8082			

[1]Subcontracted to Fairway Laboratories, Inc., Altoona, PA

RAW LABORATORY BENCH DATA FOR EPA 503 POLLUTANTS

	As	Cd	Cu	Hg	Mo	Ni	Pb	Se	Zn
Wet Wt. aliquot (g)	2.499	2.499	2.499	0.421	2.499	2.499	2.499	2.499	2.499
Analyte conc. in sample/ digest (mg/L except Hg)	0.030	0.037	4.56	0.192 ug	0.41	0.42	0.88	0.08	13.00
Method limit (mg/L except Hg)	0.015	0.005	0.015	0.0010 ug	0.015	0.005	0.020	0.015	0.008

Optional Analyses: Results (except soluble salts) on dry weight basis					Sample Receipt
Nitr[illegible] (mg[illegible])	Total Carbon (%)	CCE Calcium Carbonate Equivalent (%)	Soluble Salts (mmhos/cm)	Other:	Ambient Temperature

ID: E13985

EPA REGULATIONS FOR LAND APPLICATION OF BIOSOLIDS (40 CFR Part 503) and DEP GUIDELINES FOR USE OF BIOSOLIDS FOR AGRICULTURAL UTILIZATION

	mg/kg	Acceptable	Pollutant Limit	Acceptable-increased monitoring	Ceiling Limit	Exceeds ceiling limits
As	3.46	0	41		75	
Cd	4.19	0	39		85	
Cu	520.6	0	1500		4300	
Pb	100.2	0	300		840	
Hg	2.61	0	17		57	
Mo	46.3	0	75			
Ni	48.2	0	420			
Se	8.8	0	100			
Zn	1484.5	0	2800		7500	
PCB[1]	< .91	0	4		8.6	

[1]DEP limit only

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PA DEP Lab ID # 14-00588

Analysis Report for Use of Biosolids on Cropland

Amy Morriss
City of Reading WWTP
815 Washington St
Reading PA 19601

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Lab Sample ID:	**E14040**
Date Received:	May 6, 2010
Date Sampled:	5/4/10
Report Date:	5/24/10
Sample type:	Composite
County:	Berks
Customer Sample ID:	Belt Press SludgeBiosolids 10 -4046

RESULTS

pH	Solids	Volatile	Tot-N	Org-N	NH_4N	P	K	Mg	Ca	Na	Fe	Al
22.3	— % —	% (dry weight basis)										
8.1	17.03	67.74	5.95	5.15	0.80	2.00	0.11	0.40	5.83	0.12	1.05	0.72

Mn	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn	PCB[1]	Reactive CN
mg/kg (dry weight basis)												
213.4	4.02	3.98	107.5	493.6	130.9	3.02	47.2	50.1	10.87	1491.8	< 1.57	< 1

NR-Not Requested One dry ton of this material is equivalent to 1408 gallons of wet material or 5.9 tons of wet material

PRIMARY NUTRIENT CONTENT

	% (dry wt basis)		
To.	5.95	0.84	dry tons of this biosolid will supply 100 lbs of total N.
P_2O_5	4.59	2.50	dry tons of this biosolid will supply 100 lbs of P
K_2O	0.14		

ANALYSIS INFORMATION FOR EPA 503 POLLUTANTS

Analyte	EPA SW-846 Method	Analyst	Date	Time
Cd,Cu,Mo,Pb,Ni,Zn	3050B + 6010	Stecko	5/13/2010	13:22:08
As	3050B + 6010	Stecko	5/13/2010	13:22:08
Se	3050B + 6010	Stecko	5/13/2010	13:22:08
Hg	7473	Brooks	05/14/2010	10:00 AM
PCB	8082			

[1]Subcontracted to Fairway Laboratories, Inc. (ID 7-00062)

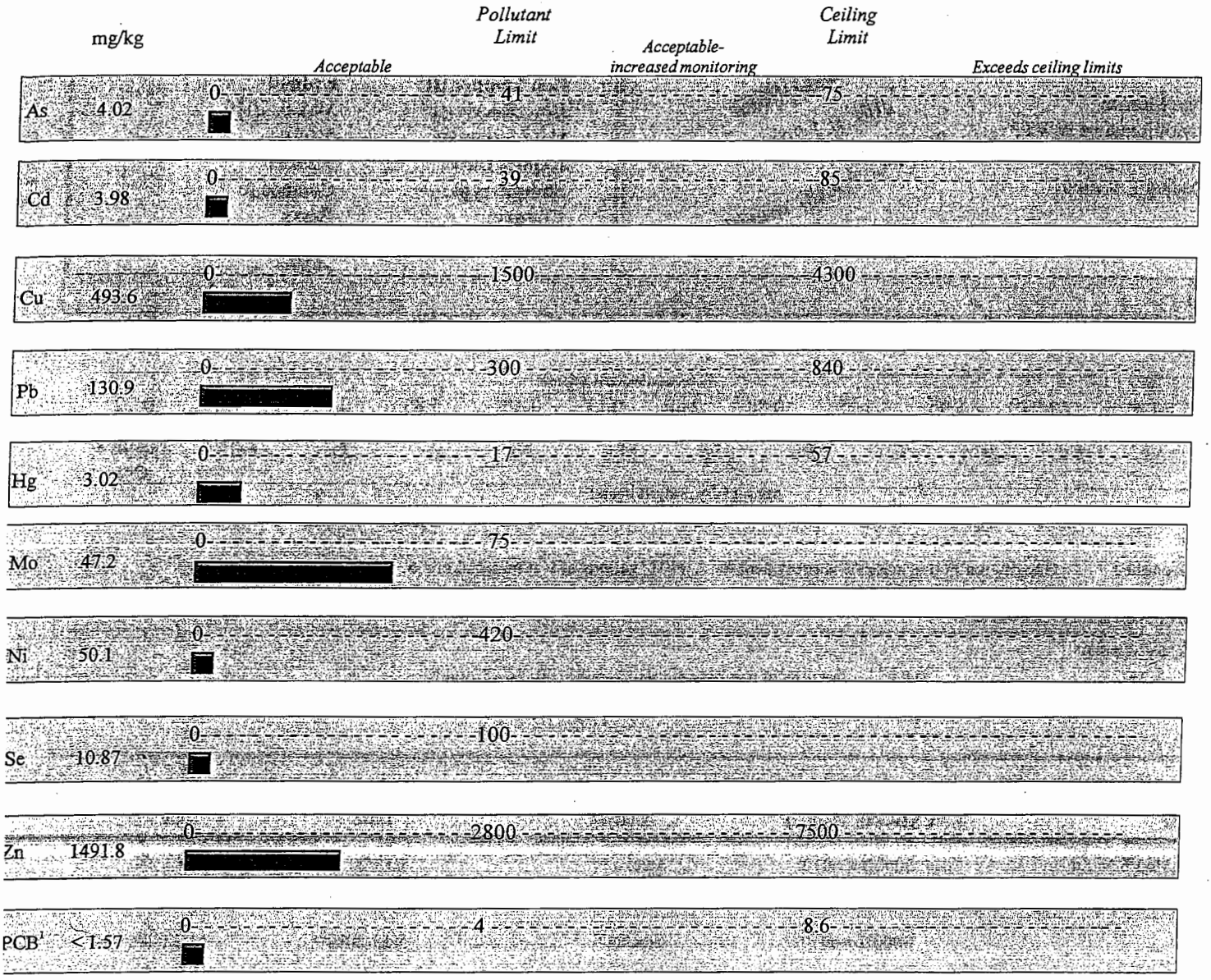
RAW LABORATORY BENCH DATA FOR EPA 503 POLLUTANTS

	As	Cd	Cu	Hg	Mo	Ni	Pb	Se	Zn
Wet Wt. aliquot (g)	2.340	2.340	2.340	0.371	2.340	2.340	2.340	2.340	2.340
Analyte conc. in sample/ digest (mg/L except Hg)	0.032	0.032	3.93	0.190 ug	0.38	0.40	1.04	0.09	11.89
Method limit (mg/L except Hg)	0.015	0.005	0.015	0.0010 ug	0.015	0.005	0.020	0.015	0.008

Optional Analyses: Results (except soluble salts) on dry weight basis					Sample Receipt
trat ng/kg)	Total Carbon (%)	CCE Calcium Carbonate Equivalent (%)	Soluble Salts (mmhos/cm)	Other:	Ambient Temperature

ID: E14040

EPA REGULATIONS FOR LAND APPLICATION OF BIOSOLIDS (40 CFR Part 503) and DEP GUIDELINES FOR USE OF BIOSOLIDS FOR AGRICULTURAL UTILIZATION



DEP limit only

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PA DEP Lab ID # 14-00588

Analysis Report for Use of Biosolids on Cropland

Amy Morriss
City of Reading WWTP
815 Washington St
Reading PA 19601

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Lab Sample ID:	E14066
Date Received:	June 4, 2010
Date Sampled:	6/1/10
Report Date:	6/24/10
Sample type:	Composite
County:	Berks
Customer Sample ID:	10-4948 Belt Press Sludge

RESULTS

pH	Solids	Volatile	Tot-N	Org-N	NH_4N	P	K	Mg	Ca	Na	Fe	Al
25.3	%	% (dry weight basis)										
8.2	16.88	68.17	5.89	4.97	0.93	2.09	0.12	0.44	5.25	0.11	1.22	0.85

Mn	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn	PCB[1]	Reactive CN
mg/kg (dry weight basis)												
545.1	3.34	4.63	117.6	528.1	137.0	2.32	62.3	55.1	10.93	1611.1	< 1.6	< 1

NR-Not Requested One dry ton of this material is equivalent to 1421 gallons of wet material or 5.9 tons of wet material

PRIMARY NUTRIENT CONTENT

	% (dry wt basis)		
Total N	5.89	0.85	dry tons of this biosolid will supply 100 lbs of total N.
P_2O_5	4.78	2.40	dry tons of this biosolid will supply 100 lbs of P
K_2O	0.15		

ANALYSIS INFORMATION FOR EPA 503 POLLUTANTS

Analyte	EPA SW-846 Method	Analyst	Date	Time
Cd,Cu,Mo,Pb,Ni,Zn	3050B + 6010	Brooks/Stecko	6/10/2010	10:59:15
As	3050B + 6010	Brooks/Stecko	6/10/2010	10:59:15
Se	3050B + 6010	Brooks/Stecko	6/10/2010	10:59:15
Hg	7473	Brooks	06/14/2010	10:30 AM
PCB	8082			

[1]Subcontracted to Fairway Laboratories, Inc. (ID 7-00062)

RAW LABORATORY BENCH DATA FOR EPA 503 POLLUTANTS

	As	Cd	Cu	Hg	Mo	Ni	Pb	Se	Zn
Wet Wt. aliquot (g)	1.878	1.878	1.878	0.480	1.878	1.878	1.878	1.878	1.878
Analyte conc. in sample/ digest (mg/L except Hg)	0.021	0.029	3.35	0.188 ug	0.39	0.35	0.87	0.07	10.21
Method limit (mg/L except Hg)	0.015	0.005	0.015	0.0010 ug	0.015	0.005	0.020	0.015	0.008

Optional Analyses: Results (except soluble salts) on dry weight basis					Sample Receipt
trate (mg/kg)	Total Carbon (%)	CCE Calcium Carbonate Equivalent (%)	Soluble Salts (mmhos/cm)	Other:	Ambient Temperature

ID: E14066

EPA REGULATIONS FOR LAND APPLICATION OF BIOSOLIDS (40 CFR Part 503) and DEP GUIDELINES FOR USE OF BIOSOLIDS FOR AGRICULTURAL UTILIZATION

	mg/kg	Acceptable	Pollutant Limit	Acceptable-increased monitoring	Ceiling Limit	Exceeds ceiling limits
As	3.34	0	41		75	
Cd	4.63	0	39		85	
Cu	528.1	0	1500		4300	
Pb	137.0	0	300		840	
Hg	2.32	0	17		57	
Mo	62.3	0	75			
Ni	55.1	0	420			
Se	10.93	0	100			
Zn	1611.1	0	2800		7500	
PCB[1]	< 1.6	0	4		8.6	

[1] DEP limit only

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PA DEP Lab ID # 14-00588

Analysis Report for Use of Biosolids on Cropland

Amy Morriss
City of Reading WWTP
815 Washington St
Reading PA 19601

RECEIVED
JUL 29 2010
DEPT. OF PUBLIC WORKS

Lab Sample ID:	**E14130**
Date Received:	July 8, 2010
Date Sampled:	7/7/10
Report Date:	7/22/10
Sample type:	Composite
County:	Berks
Customer Sample ID:	10-6018

RESULTS

pH	Solids	Volatile	Tot-N	Org-N	NH_4N	P	K	Mg	Ca	Na	Fe	Al
@ 24.2	— % —	% (dry weight basis)										
8.0	18.85	67.76	5.49	4.66	0.83	2.01	0.11	0.40	5.26	0.12	1.22	0.75

Mn	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn	PCB[1]	Reactive CN
mg/kg (dry weight basis)												
5978.2	3.08	4.55	109.6	545.4	123.8	2.35	54.3	51.4	10.38	1781.6	< 1.43	< 1

NR-Not Requested One dry ton of this material is equivalent to 1272 gallons of wet material or 5.3 tons of wet material

PRIMARY NUTRIENT CONTENT

	% (dry wt basis)		
Tc	5.49	0.91	dry tons of this biosolid will supply 100 lbs of total N.
P_2O_5	4.59	2.49	dry tons of this biosolid will supply 100 lbs of P
K_2O	0.13		

ANALYSIS INFORMATION FOR EPA 503 POLLUTANTS

Analyte	EPA SW-846 Method	Analyst	Date	Time
Cd,Cu,Mo,Pb,Ni,Zn	3050B + 6010	Brooks/Stecko	7/19/2010	11:28:49
As	3050B + 6010	Brooks/Stecko	7/19/2010	11:28:49
Se	3050B + 6010	Brooks/Stecko	7/19/2010	11:28:49
Hg	7473	Brooks	7/20/2010	12:25:46 PM
PCB	8082			

[1]Subcontracted to Fairway Laboratories, Inc. (ID 7-00062)

RAW LABORATORY BENCH DATA FOR EPA 503 POLLUTANTS

	As	Cd	Cu	Hg	Mo	Ni	Pb	Se	Zn
Wet Wt. aliquot (g)	2.849	2.849	2.849	0.295	2.849	2.849	2.849	2.849	2.849
Analyte conc. in sample/ digest (mg/L except Hg)	0.033	0.049	5.86	0.131 ug	0.58	0.55	1.33	0.11	19.14
Method limit (mg/L except Hg)	0.015	0.005	0.015	0.0010 ug	0.015	0.005	0.020	0.015	0.008

Optional Analyses: Results (except soluble salts) on dry weight basis					Sample Receipt
Nitra (mg/kg)	Total Carbon (%)	CCE Calcium Carbonate Equivalent (%)	Soluble Salts (mmhos/cm)	Other:	Ambient Temperature

ID: E14130

EPA REGULATIONS FOR LAND APPLICATION OF BIOSOLIDS (40 CFR Part 503) and DEP GUIDELINES FOR USE OF BIOSOLIDS FOR AGRICULTURAL UTILIZATION

	mg/kg	Acceptable	Pollutant Limit	Acceptable-increased monitoring	Ceiling Limit	Exceeds ceiling limits
As	3.08	0	41		75	
Cd	4.55	0	39		85	
Cu	545.4	0	1500		4300	
Pb	123.8	0	300		840	
Hg	2.35	0	17		57	
Mo	54.3	0	75			
Ni	51.4	0	420			
Se	10.38	0	100			
Zn	1781.6	0	2800		7500	
PCB[1]	<1.43	0	4		8.6	

[1]DEP limit only

PENNSTATE

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PA DEP Lab ID # 14-00588

Analysis Report for Use of Biosolids on Cropland

Amy Morriss
City of Reading WWTP
815 Washington St
Reading PA 19601

RECEIVED
SEP 16 2010
DEPT. OF PUBLIC WORKS

Lab Sample ID:	**E14176**
Date Received:	August 11, 2010
Date Sampled:	8/4/10
Report Date:	9/8/10
Sample type:	Composite
County:	Berks
Customer Sample ID:	Belt Press Sludge

RESULTS

pH	Solids	Volatile	Tot-N	Org-N	NH_4N	P	K	Mg	Ca	Na	Fe	Al
) 24.2	— % —	% (dry weight basis)										
8.1	18.66	66.05	5.29	4.52	0.76	1.84	0.14	0.41	5.31	0.12	1.20	0.84

Mn	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn	PCB[1]	Reactive CN
mg/kg (dry weight basis)												
326.3	2.91	3.87	119.2	596.5	141.4	2.88	56.5	65.1	9.96	1747.8	< .57	< 1

NR-Not Requested One dry ton of this material is equivalent to 1285 gallons of wet material or 5.4 tons of wet material

PRIMARY NUTRIENT CONTENT

	% (dry wt basis)		
Tot	5.29	0.95	dry tons of this biosolid will supply 100 lbs of total N.
P_2O_5	4.22	2.71	dry tons of this biosolid will supply 100 lbs of P
K_2O	0.16		

ANALYSIS INFORMATION FOR EPA 503 POLLUTANTS

Analyte	EPA SW-846 Method	Analyst	Date	Time
Cd,Cu,Mo,Pb,Ni,Zn	3050B + 6010	Brooks/ PS	8/27/2010	11:31:29
As	3050B + 6010	Brooks/ PS	8/27/2010	11:31:29
Se	3050B + 6010	Brooks/ PS	8/27/2010	11:31:29
Hg	7473	Brooks	8/24/2010	10:03:34 AM
PCB	8082			

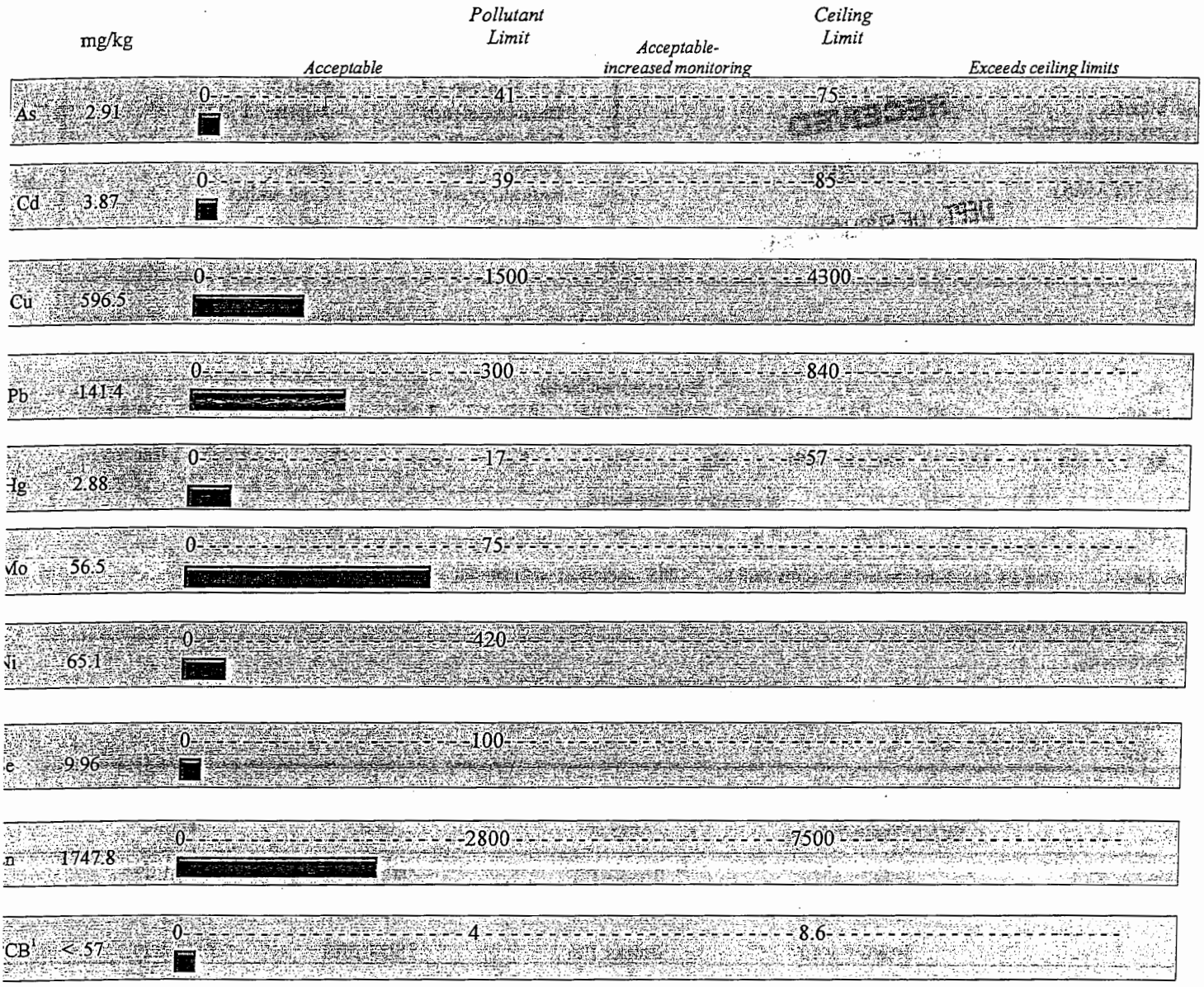
[1]Subcontracted to Fairway Laboratories, Inc. (ID 7-00062)

RAW LABORATORY BENCH DATA FOR EPA 503 POLLUTANTS

	As	Cd	Cu	Hg	Mo	Ni	Pb	Se	Zn
Wet Wt. aliquot (g)	2.195	2.195	2.195	0.479	2.195	2.195	2.195	2.195	2.195
Analyte conc. in sample/ digest (mg/L except Hg)	0.024	0.032	4.89	0.258 ug	0.46	0.53	1.16	0.08	14.32
Method limit (mg/L except Hg)	0.015	0.005	0.015	0.0010 ug	0.015	0.005	0.020	0.015	0.008

Optional Analyses: Results (except soluble salts) on dry weight basis					Sample Receipt
trat ng/kg	Total Carbon (%)	CCE Calcium Carbonate Equivalent (%)	Soluble Salts (mmhos/cm)	Other:	Ambient Temperature

EPA REGULATIONS FOR LAND APPLICATION OF BIOSOLIDS (40 CFR Part 503) and DEP GUIDELINES FOR USE OF BIOSOLIDS FOR AGRICULTURAL UTILIZATION



[1] DEP limit only

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PA DEP Lab ID # 14-00588

Analysis Report for Use of Biosolids on Cropland

Amy Morriss
City of Reading WWTP
815 Washington St
Reading PA 19601

RECEIVED
OCT 04 2010
DEPT. OF PUBLIC WORKS

Lab Sample ID:	E14212
Date Received:	September 10, 2010
Date Sampled:	9/8/10
Report Date:	9/27/10
Sample type:	Composite
County:	Berks
Customer Sample ID:	Belt Press Sludge 108344

RESULTS

pH	Solids	Volatile	Tot-N	Org-N	NH_4N	P	K	Mg	Ca	Na	Fe	Al
9 24.3	— % —	% (dry weight basis)										
8.2	18.14	68.05	5.72	5.06	0.66	1.92	0.10	0.43	5.86	0.13	1.02	0.74

Mn	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn	PCB[1]	Reactive CN
mg/kg (dry weight basis)												
393.7	3.72	3.64	115.2	592.2	159.3	2.57	58.9	48.5	9.13	1795.8	< .59	< 1

NR-Not Requested One dry ton of this material is equivalent to 1322 gallons of wet material or 5.5 tons of wet material

PRIMARY NUTRIENT CONTENT

	% (dry wt basis)		
To	5.72	0.87	dry tons of this biosolid will supply 100 lbs of total N.
P_2O_5	4.40	2.60	dry tons of this biosolid will supply 100 lbs of P
K_2O	0.12		

ANALYSIS INFORMATION FOR EPA 503 POLLUTANTS

Analyte	EPA SW-846 Method	Analyst	Date	Time
Cd,Cu,Mo,Pb,Ni,Zn	3050B + 6010	Brooks	9/17/2010	11:45:12
As	3050B + 6010	Brooks	9/17/2010	11:45:12
Se	3050B + 6010	Brooks	9/17/2010	11:45:12
Hg	7473	Brooks	9/16/2010	10:43:19 AM
PCB	8082			

Subcontracted to Fairway Laboratories, Inc. (ID 7-00062)

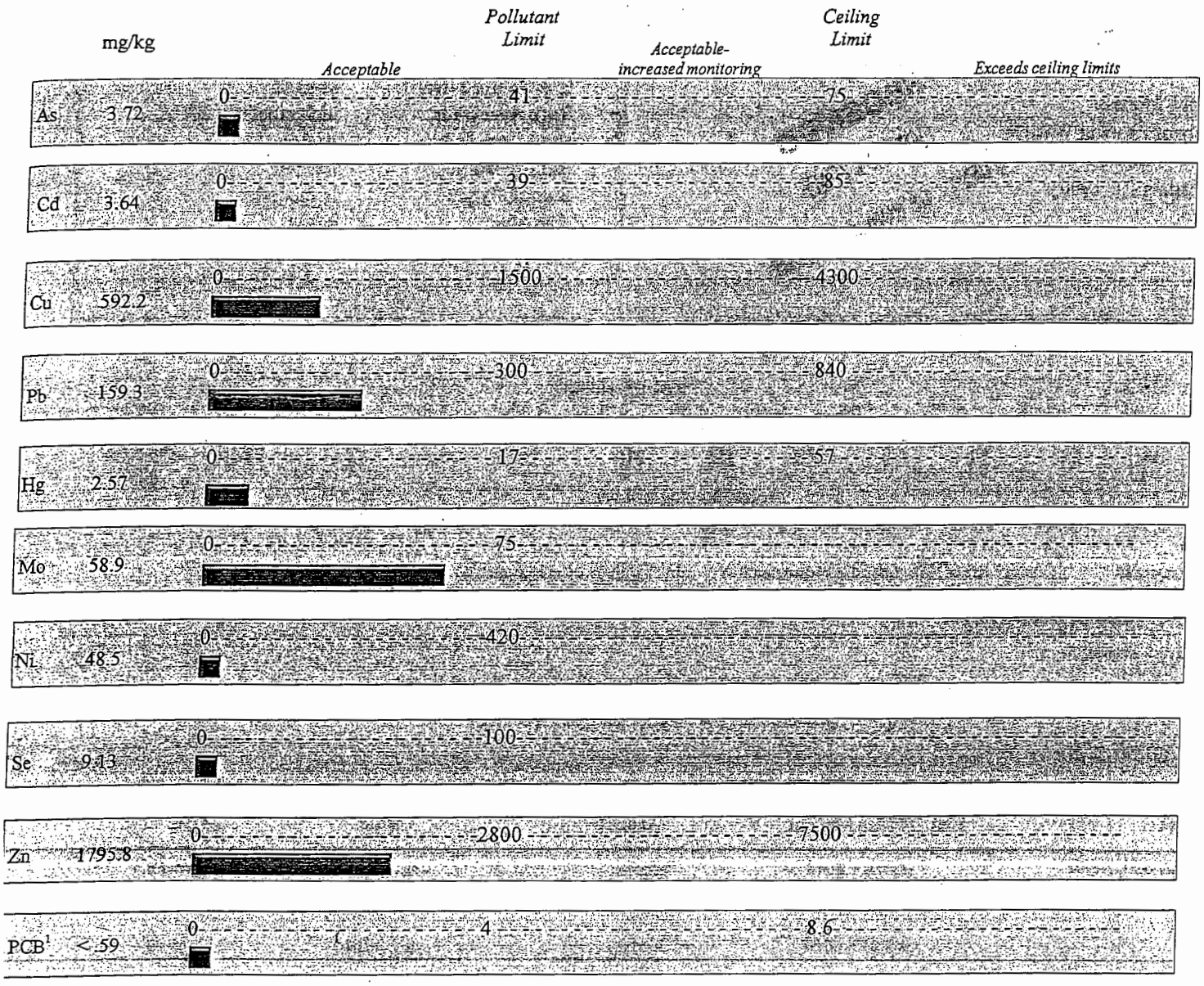
RAW LABORATORY BENCH DATA FOR EPA 503 POLLUTANTS

	As	Cd	Cu	Hg	Mo	Ni	Pb	Se	Zn
Wet Wt. liquot (g)	2.620	2.620	2.620	0.321	2.620	2.620	2.620	2.620	2.620
nalyte conc. in sample/ igest (mg/L except Hg)	0.035	0.035	5.63	0.150 ug	0.56	0.46	1.51	0.09	17.07
Method limit ng/L except Hg)	0.015	0.005	0.015	0.0010 ug	0.015	0.005	0.020	0.015	0.008

Optional Analyses: Results (except soluble salts) on dry weight basis					Sample Receipt
ate-N /kg	Total Carbon (%)	CCE Calcium Carbonate Equivalent (%)	Soluble Salts (mmhos/cm)	Other:	Ambient Temperature

ID: E14212

EPA REGULATIONS FOR LAND APPLICATION OF BIOSOLIDS (40 CFR Part 503) and DEP GUIDELINES FOR USE OF BIOSOLIDS FOR AGRICULTURAL UTILIZATION



[1]DEP limit only

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PA DEP Lab ID # 14-00588

Analysis Report for Use of Biosolids on Cropland

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City of Reading WWTP
815 Washington St
Reading PA 19601

RECEIVED
NOV 04 2010
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Lab Sample ID:	E14271
Date Received:	October 11, 2010
Date Sampled:	10/6/10
Report Date:	10/26/10
Sample type:	Composite
County:	Berks
Customer Sample ID:	Belt Press Sludge

RESULTS

pH @ 22 C	Solids	Volatile	Tot-N	Org-N	NH_4N	P	K	Mg	Ca	Na	Fe	Al
	— % —	% (dry weight basis)										
8.0	19.91	64.15	4.93	4.31	0.62	1.93	0.13	0.57	5.18	0.13	1.52	0.86

Mn	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn	PCB[1]	Reactive CN
mg/kg (dry weight basis)												
219.1	4.24	3.79	136.0	726.2	197.7	2.85	79.8	73.6	10.14	1751.3	< 1.33	< 1

NR-Not Requested One dry ton of this material is equivalent to 1204 gallons of wet material or 5.0 tons of wet material

PRIMARY NUTRIENT CONTENT

	% (dry wt basis)		
Tot	4.93	1.01	dry tons of this biosolid will supply 100 lbs of total N.
P_2O_5	4.42	2.59	dry tons of this biosolid will supply 100 lbs of P
K_2O	0.16		

ANALYSIS INFORMATION FOR EPA 503 POLLUTANTS

Analyte	EPA SW-846 Method	Analyst	Date	Time
Cd,Cu,Mo,Pb,Ni,Zn	3050B + 6010	Brooks	10/15/2010	9:23:13
As	3050B + 6010	Brooks	10/15/2010	9:23:13
Se	3050B + 6010	Brooks	10/15/2010	9:23:13
Hg	7473	Brooks	10/13/2010	12:53:52 PM
PCB	8082			

Subcontracted to Fairway Laboratories, Inc. (ID 7-00062)

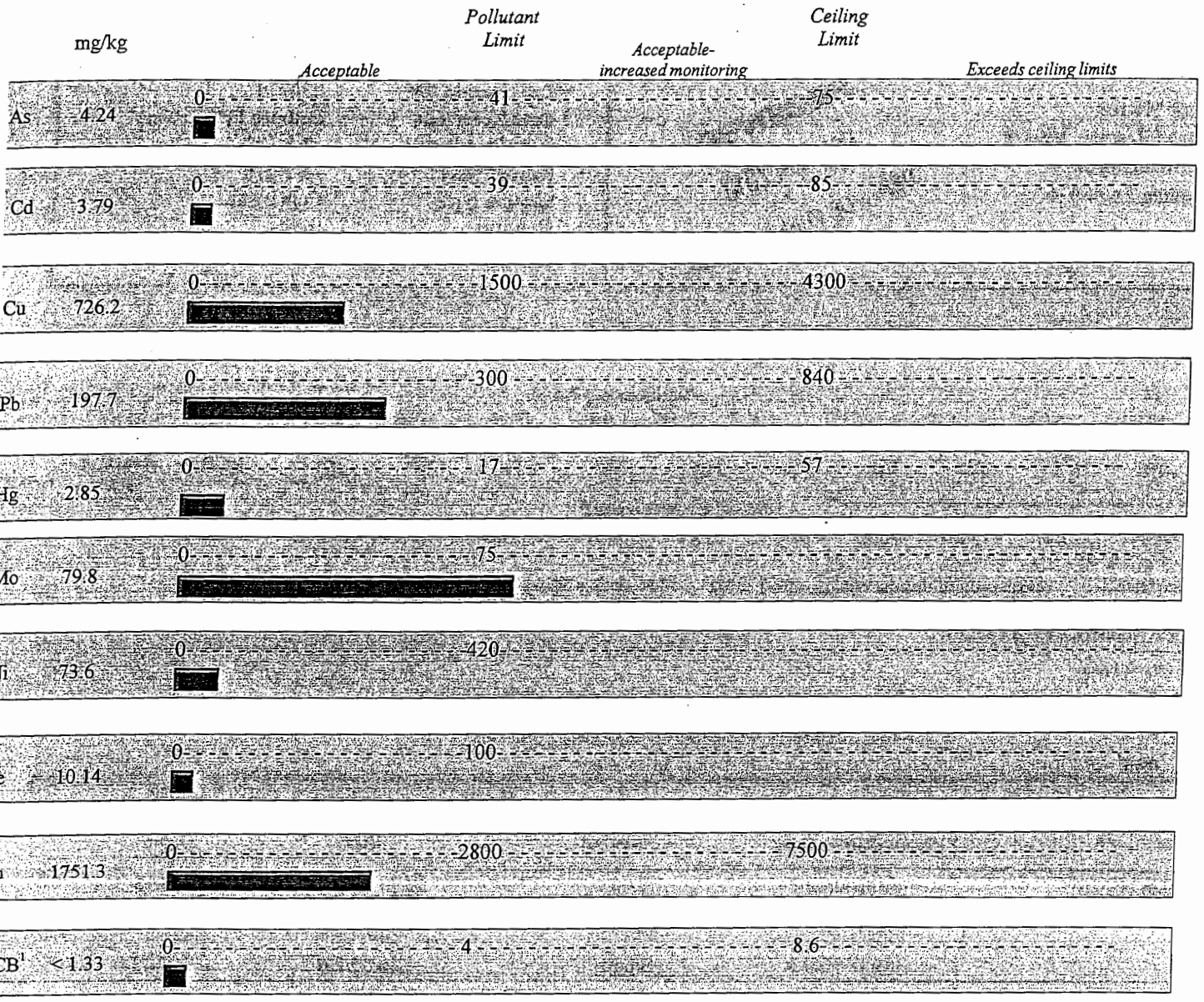
RAW LABORATORY BENCH DATA FOR EPA 503 POLLUTANTS

	As	Cd	Cu	Hg	Mo	Ni	Pb	Se	Zn
Wet Wt. liquot (g)	1.889	1.889	1.889	0.319	1.889	1.889	1.889	1.889	1.889
nalyte conc. in sample/ gest (mg/L except Hg)	0.032	0.028	5.46	0.181 ug	0.60	0.55	1.49	0.08	13.18
ethod limit ng/L except Hg)	0.015	0.005	0.015	0.0010 ug	0.015	0.005	0.020	0.015	0.008

Optional Analyses: Results (except soluble salts) on dry weight basis					Sample Receipt
te-N kg)	Total Carbon (%)	CCE Calcium Carbonate Equivalent (%)	Soluble Salts (mmhos/cm)	Other:	Ambient Temperature

ID: E14271

EPA REGULATIONS FOR LAND APPLICATION OF BIOSOLIDS (40 CFR Part 503) and DEP GUIDELINES FOR USE OF BIOSOLIDS FOR AGRICULTURAL UTILIZATION



[1]DEP limit only

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PA DEP Lab ID # 14-00588

Analysis Report for Use of Biosolids on Cropland

Amy Morriss
City of Reading WWTP
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DEC 08 2010
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Lab Sample ID:	**E14401**
Date Received:	November 9, 2010
Date Sampled:	11/2/10
Report Date:	11/30/10
Sample type:	Composite
County:	Berks
Customer Sample ID:	Biosolids Belt Press Sludge 10 -10215

RESULTS

pH	Solids	Volatile	Tot-N	Org-N	NH_4N	P	K	Mg	Ca	Na	Fe	Al
@ 22.7	— % —	% (dry weight basis)										
8.0	18.22	66.30	5.28	4.46	0.81	1.89	0.13	0.49	4.73	0.10	1.36	0.87

Mn	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn	PCB[1]	Reactive CN
mg/kg (dry weight basis)												
4100.9	3.38	4.34	130.6	660.5	149.0	4.49	76.8	63.5	7.19	1762.1	< 1.47	< 1

NR-Not Requested One dry ton of this material is equivalent to 1316 gallons of wet material or 5.5 tons of wet material

PRIMARY NUTRIENT CONTENT

	% (dry wt basis)		
T[illegible] N	5.28	0.95	dry tons of this biosolid will supply 100 lbs of total N.
P_2O_5	4.33	2.65	dry tons of this biosolid will supply 100 lbs of P
K_2O	0.16		

ANALYSIS INFORMATION FOR EPA 503 POLLUTANTS

Analyte	EPA SW-846 Method	Analyst	Date	Time
Cd,Cu,Mo,Pb,Ni,Zn	3050B + 6010	Brooks	11/19/2010	10:39:23
As	3050B + 6010	Brooks	11/19/2010	10:39:23
Se	3050B + 6010	Brooks	11/19/2010	10:39:23
Hg	7473	Brooks	11/18/2010	11:03:11 AM
PCB	8082			

[1]Subcontracted to Fairway Laboratories, Inc. (ID 7-00062)

RAW LABORATORY BENCH DATA FOR EPA 503 POLLUTANTS

	As	Cd	Cu	Hg	Mo	Ni	Pb	Se	Zn
Wet Wt. aliquot (g)	1.807	1.807	1.807	0.491	1.807	1.807	1.807	1.807	1.807
Analyte conc. in sample/ digest (mg/L except Hg)	0.022	0.029	4.35	0.402 ug	0.51	0.42	0.98	0.05	11.60
Method limit (mg/L except Hg)	0.015	0.005	0.015	0.0010 ug	0.015	0.005	0.020	0.015	0.008

Optional Analyses: Results (except soluble salts) on dry weight basis					Sample Receipt
ate-N /kg	Total Carbon (%)	CCE Calcium Carbonate Equivalent (%)	Soluble Salts (mmhos/cm)	Other:	Ambient Temperature

ID: E14401

EPA REGULATIONS FOR LAND APPLICATION OF BIOSOLIDS (40 CFR Part 503) and DEP GUIDELINES FOR USE OF BIOSOLIDS FOR AGRICULTURAL UTILIZATION

	mg/kg	*Acceptable*	*Pollutant Limit*	*Acceptable-increased monitoring*	*Ceiling Limit*	*Exceeds ceiling limits*
s	3.38	0	41		75	
Cd	4.34	0	39		85	
Cu	660.5	0	1500		4300	
Pb	149.0	0	300		840	
Hg	4.49	0	17		57	
Mo	76.8	0	75			
Ni	63.5	0	420			
Se	7.19	0	100			
Zn	1762.1	0	2800		7500	
PCB[1]	< 1.47	0	4		8.6	

[1]DEP limit only

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PA DEP Lab ID # 14-00588

Analysis Report for Use of Biosolids on Cropland

Amy Morriss
City of Reading WWTP
815 Washington St
Reading PA 19601

RECEIVED
JAN 14 2011
DEPT. OF PUBLIC WORKS

Lab Sample ID:	**E14451**
Date Received:	December 9, 2010
Date Sampled:	12/7/10
Report Date:	1/4/11
Sample type:	Composite
County:	Berks
Customer Sample ID:	10-11357 Biosolids

RESULTS

pH	Solids	Volatile	Tot-N	Org-N	NH_4N	P	K	Mg	Ca	Na	Fe	Al
@ 22.3	— % —	% (dry weight basis)										
7.5	18.91	63.92	5.29	4.46	0.84	1.87	0.12	0.43	6.91	0.10	1.23	0.85

Mn	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn	PCB[1]	Reactive CN
mg/kg (dry weight basis)												
3140.3	2.12	3.25	104.6	562.8	130.3	2.88	51.5	52.3	8.24	1685.6	< 1.41	< 1

NR-Not Requested One dry ton of this material is equivalent to 1268 gallons of wet material or 5.3 tons of wet material

PRIMARY NUTRIENT CONTENT

	% (dry wt basis)		
T[illegible]	5.29	0.94	dry tons of this biosolid will supply 100 lbs of total N.
P_2O_5	4.28	2.68	dry tons of this biosolid will supply 100 lbs of P
K_2O	0.15		

ANALYSIS INFORMATION FOR EPA 503 POLLUTANTS

Analyte	EPA SW-846 Method	Analyst	Date	Time
Cd,Cu,Mo,Pb,Ni,Zn	3050B + 6010	Brooks	12/17/2010	9:53:22
As	3050B + 6010	Brooks	12/17/2010	9:53:22
Se	3050B + 6010	Brooks	12/17/2010	9:53:22
Hg	7473	Brooks	12/16/2010	8:54:46 AM
PCB	8082			

[1]Subcontracted to Fairway Laboratories, Inc. (ID 7-00062)

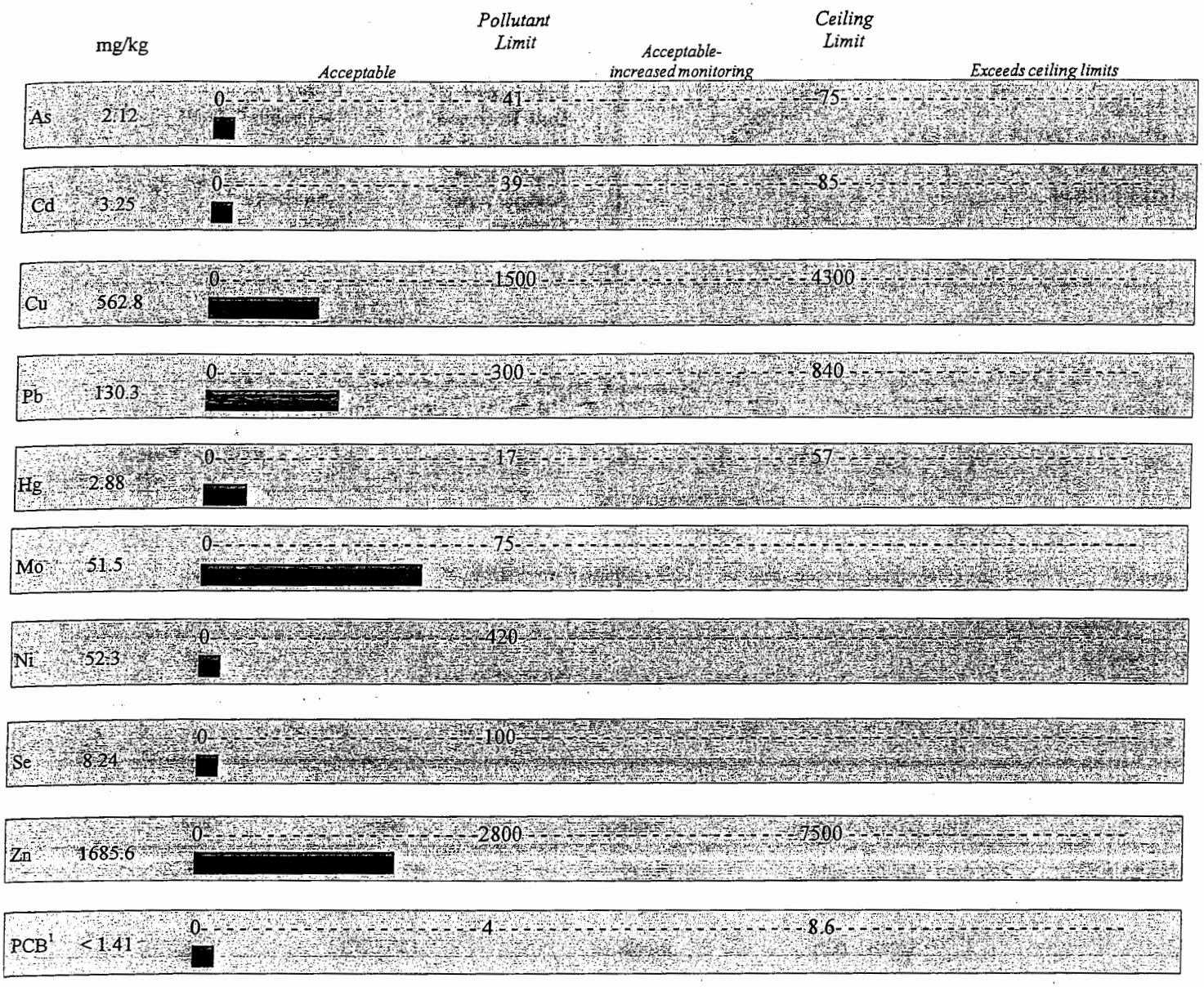
RAW LABORATORY BENCH DATA FOR EPA 503 POLLUTANTS

	As	Cd	Cu	Hg	Mo	Ni	Pb	Se	Zn
Wet Wt. aliquot (g)	1.886	1.886	1.886	0.406	1.886	1.886	1.886	1.886	1.886
Analyte conc. in sample/ digest (mg/L except Hg)	0.015	0.023	4.01	0.221 ug	0.37	0.37	0.93	0.06	12.02
Method limit (mg/L except Hg)	0.015	0.005	0.015	0.0010 ug	0.015	0.005	0.020	0.015	0.008

Optional Analyses: Results (except soluble salts) on dry weight basis					Sample Receipt
Nitrate N (mg/[illegible])	Total Carbon (%)	CCE Calcium Carbonate Equivalent (%)	Soluble Salts (mmhos/cm)	Other:	

ID: E14451

EPA REGULATIONS FOR LAND APPLICATION OF BIOSOLIDS (40 CFR Part 503) and DEP GUIDELINES FOR USE OF BIOSOLIDS FOR AGRICULTURAL UTILIZATION



[1]DEP limit only

Fecal Coliform for Biosolids

Sample Date	Sample ID	Analyst	Result Colonies/gram
1/13/2010	#1	DMN	30,370
1/13/2010	#2	DMN	304,506
1/14/2010	#3	RCR	192,840
1/14/2010	#4	RCR	124,287
1/16/2010	#5	JAH	274,648
1/20/2010	#6	RCR	109,721
1/20/2010	#7	RCR	164,937
2/17/2010	#1	JAL	19204
2/17/2010	#2	JAL	5418
2/18/2010	#3	RCR	12275
2/18/2010	#4	RCR	9784
2/19/2010	#5	RCR	26673
2/19/2010	#6	RCR	12843
2/22/2010	#7	JAH	6666
3/9/2010	#1	JAH	77218
3/9/2010	#2	JAL	48871
3/10/2010	#3	JAL	129703
3/10/2010	#4	JAL	94391
3/11/2010	#5	JAH	66091
3/11/2010	#6	JAH	36462
3/12/2010	#7	RCR	135935
4/12/2010	#1	JAL	10,671
4/12/2010	#2	JAL	35,193
4/13/2010	#3	JAH	46,104
4/13/2010	#4	JAH	48,523
4/14/2010	#5	JAL	33,660
4/14/2010	#6	JAL	77,947
4/15/2010	#7	JAH	22,004
5/19/2010	#1	JAL	43,340
5/19/2010	#2	JAL	34,116

Fecal Coliform for Biosolids

Sample Date	Sample ID	Analyst	Result
5/20/2010	#3	JAL	163,971
5/20/2010	#4	JAL	58,291
5/23/2010	#5	JAL	155,852
5/24/2010	#6	JAL	49,709
5/24/2010	#7	JAL	30,527
6/8/2010	#1	JAL	87,254
6/8/2010	#2	JAL	69,019
6/9/2010	#3	JAL	74,732
6/9/2010	#4	JAL	67,976
6/10/2010	#5	JAH	38,503
6/10/2010	#6	JAH	64,894
6/11/2010	#7	JAH	31,487
7/8/2010	#1	JAH	65,486
7/9/2010	#2	JAH	431,054
7/12/2010	#3	DMN	27,628
7/13/2010	#4	JAH	22,409
7/13/2010	#5	ADM	41,946
7/14/2010	#6	JAH	73,891
7/15/2010	#7	ADM	51,198
8/9/2010	#1	JAH	199,586
8/10/2010	#2	JAH	148,999
8/10/2010	#3	JAH	184,208
8/10/2010	#4	JAH	181,346
8/11/2010	#5	JAH	255,973
8/11/2010	#6	JAH	318,877
8/11/2010	#7	JAH	204,283
9/8/2010	#1	DMN	15,820
9/8/2010	#2	DMN	20,129
9/9/2010	#3	ADM	43,529
9/9/2010	#4	ADM	51,507

Fecal Coliform for Biosolids

Sample Date	Sample ID	Analyst	Result Colonies/gram
9/10/2010	#5	JAH	34,231
9/10/2010	#6	JAH	30,502
9/13/2010	#7	JAL	41,559
10/8/2010	#1	JAH	156,642
10/8/2010	#2	JAH	151,589
10/11/2010	#3	ADM	62,745
10/11/2010	#4	ADM	49,658
10/12/2010	#5	DMN	45,202
10/13/2010	#6	JAH	71,995
10/13/2010	#7	JAH	85,619
11/10/2010	#1	JAH	58,903
11/10/2010	#2	JAH	54,212
11/15/2010	#3	JAH	85,648
11/15/2010	#4	JAH	73,234
11/16/2010	#5	JAL	140,928
11/16/2010	#6	JAL	122,698
11/17/2010	#7	JAL	148,033
12/13/2010	#1	JAH	144,777
12/13/2010	#2	JAH	146,681
12/16/2010	#3	JAH	291,477
12/16/2010	#4	JAH	182,456
12/18/2010	#5	JAH	270,697
12/18/2010	#6	JAH	234,683
12/20/2010	#7	JAH	105,491

Report completed by:

Amy L Morriss

Amy L. Morriss
Laboratory Supervisor
City of Reading WWTP

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PA 22-293 NJ PA010

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34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

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ANALYTICAL RESULTS

Workorder 9833440 10-1970

Lab ID: **9833440001** Date Collected: 3/2/2010 08:12 Matrix: Solid

Sample ID: **Biosolids 10-1970** Date Received: 3/3/2010 19:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
TCLP VOLATILE ORGANICS										
Benzene	ND		ug/L	20.0	SW846 8260B			3/8/10 11:39	MES	A
2-Butanone	ND		ug/L	200	SW846 8260B			3/8/10 11:39	MES	A
Carbon Tetrachloride	ND		ug/L	20.0	SW846 8260B			3/8/10 11:39	MES	A
Chlorobenzene	ND		ug/L	20.0	SW846 8260B			3/8/10 11:39	MES	A
Chloroform	ND		ug/L	20.0	SW846 8260B			3/8/10 11:39	MES	A
1,2-Dichloroethane	ND		ug/L	20.0	SW846 8260B			3/8/10 11:39	MES	A
1,1-Dichloroethene	ND		ug/L	20.0	SW846 8260B			3/8/10 11:39	MES	A
Tetrachloroethene	ND		ug/L	20.0	SW846 8260B			3/8/10 11:39	MES	A
Trichloroethene	ND		ug/L	20.0	SW846 8260B			3/8/10 11:39	MES	A
Vinyl Chloride	ND		ug/L	20.0	SW846 8260B			3/8/10 11:39	MES	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	90.9		%	62-133	SW846 8260B			3/8/10 11:39	MES	A
4-Bromofluorobenzene (S)	82.9		%	79-114	SW846 8260B			3/8/10 11:39	MES	A
Toluene-d8 (S)	104		%	76-127	SW846 8260B			3/8/10 11:39	MES	A
›mofluoromethane (S)	91.7		%	78-116	SW846 8260B			3/8/10 11:39	MES	A
PCBs										
Aroclor-1016	ND		mg/kg	0.18	SW846 8082A	3/8/10	MDO	3/8/10 23:50	JJH	A7
Aroclor-1221	ND		mg/kg	0.18	SW846 8082A	3/8/10	MDO	3/8/10 23:50	JJH	A7
Aroclor-1232	ND		mg/kg	0.18	SW846 8082A	3/8/10	MDO	3/8/10 23:50	JJH	A7
Aroclor-1242	ND		mg/kg	0.18	SW846 8082A	3/8/10	MDO	3/8/10 23:50	JJH	A7
Aroclor-1248	ND		mg/kg	0.18	SW846 8082A	3/8/10	MDO	3/8/10 23:50	JJH	A7
Aroclor-1254	ND		mg/kg	0.18	SW846 8082A	3/8/10	MDO	3/8/10 23:50	JJH	A7
Aroclor-1260	ND		mg/kg	0.18	SW846 8082A	3/8/10	MDO	3/8/10 23:50	JJH	A7
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	96.2		%	30-150	SW846 8082A	3/8/10	MDO	3/8/10 23:50	JJH	A7
Tetrachloro-m-xylene (S)	85.6		%	30-150	SW846 8082A	3/8/10	MDO	3/8/10 23:50	JJH	A7
WET CHEMISTRY										
Cyanide, Reactive	ND		ppm	9.4	SW-846 7.3CN	3/7/10	ELT	3/8/10 08:52	KEP	A
Free Liquids	Negative				SW846 9095			3/4/10 07:30	SDL	A
Hexane Extractable Material	37100		mg/kg	1070	SW846 9071B			3/11/10 20:30	KAS	B
Ignitability	See comment	1			SW846 1030			3/16/10 05:40	SDL	A
Moisture	81.5		%	0.1	SM20-2540 G			3/5/10 01:55	LJF	A
pH	8.43	2,3	pH_Units		SW846 9045D			3/5/10 03:55	SAD	A
Silica Gel Treated HEM	16300		mg/kg	1070	SW846 9071B			3/11/10 20:30	KAS	B
Solids, Total Volatile	68.8		%	1.0	SM20-2540 G			3/5/10 01:55	LJF	A
Sulfide, Reactive	ND		ppm	5.8	SW846 7.3	3/7/10	ELT	3/8/10 14:00	KAS	A
Total Solids	18.5		%	0.1	SM20-2540 G			3/5/10 01:55	LJF	A
MF S										
Ar ic, Total	ND		mg/kg	10.6	SW846 6010C	3/9/10	MNP	3/10/10 02:11	SRT	A8
Barium, Total	388		mg/kg	5.3	SW846 6010C	3/9/10	MNP	3/10/10 02:11	SRT	A8

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ANALYTICAL RESULTS

Workorder 9833440 10-1970

Lab ID: 9833440001 Date Collected: 3/2/2010 08:12 Matrix: Solid

Sample ID: Biosolids 10-1970 Date Received: 3/3/2010 19:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Cadmium, Total	3.3		mg/kg	2.7	SW846 6010C	3/9/10	MNP	3/10/10 02:11	SRT	A8
Chromium, Total	108		mg/kg	5.3	SW846 6010C	3/9/10	MNP	3/10/10 02:11	SRT	A8
Copper, Total	475		mg/kg	10.6	SW846 6010C	3/9/10	MNP	3/10/10 02:11	SRT	A8
Lead, Total	116		mg/kg	10.6	SW846 6010C	3/9/10	MNP	3/10/10 02:11	SRT	A8
Mercury, Total	8.8		mg/kg	0.92	SW846 7471B	3/10/10	BLB	3/10/10 13:18	BLB	A9
Molybdenum, Total	50.2		mg/kg	10.6	SW846 6010C	3/9/10	MNP	3/10/10 02:11	SRT	A8
Nickel, Total	61.5		mg/kg	10.6	SW846 6010C	3/9/10	MNP	3/10/10 02:11	SRT	A8
Selenium, Total	ND		mg/kg	26.6	SW846 6010C	3/9/10	MNP	3/10/10 02:11	SRT	A8
Silver, Total	9.0		mg/kg	2.7	SW846 6010C	3/9/10	MNP	3/10/10 02:11	SRT	A8
Zinc, Total	1460	4	mg/kg	10.6	SW846 6010C	3/9/10	MNP	3/10/10 02:11	SRT	A8
TCLP METALS										
Arsenic, Total	0.022		mg/L	0.0090	SW846 6010C	3/5/10	MNP	3/5/10 11:35	JWK	A3
Barium, Total	0.22		mg/L	0.011	SW846 6010C	3/5/10	MNP	3/5/10 11:35	JWK	A3
Cadmium, Total	ND		mg/L	0.0022	SW846 6010C	3/5/10	MNP	3/5/10 11:35	JWK	A3
Chromium, Total	ND		mg/L	0.0060	SW846 6010C	3/5/10	MNP	3/5/10 11:35	JWK	A3
[illegible]er, Total	ND		mg/L	0.011	SW846 6010C	3/5/10	MNP	3/5/10 11:35	JWK	A3
Iron, Total	0.26		mg/L	0.067	SW846 6010C	3/5/10	MNP	3/5/10 11:35	JWK	A3
Lead, Total	ND		mg/L	0.0067	SW846 6010C	3/5/10	MNP	3/5/10 11:35	JWK	A3
Mercury, Total	ND		mg/L	0.0020	SW846 7470A	3/5/10	BLB	3/5/10 14:27	BLB	A1
Nickel, Total	0.069		mg/L	0.022	SW846 6010C	3/5/10	MNP	3/5/10 11:35	JWK	A3
Selenium, Total	ND		mg/L	0.022	SW846 6010C	3/5/10	MNP	3/5/10 11:35	JWK	A3
Silver, Total	ND		mg/L	0.0044	SW846 6010C	3/5/10	MNP	3/5/10 11:35	JWK	A3
Zinc, Total	0.44		mg/L	0.022	SW846 6010C	3/5/10	MNP	3/5/10 11:35	JWK	A3
TCLP SEMI-VOLATILES										
mp-Cresol	239		ug/L	160	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2
o-Cresol	ND		ug/L	160	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2
1,4-Dichlorobenzene	ND		ug/L	60.0	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2
2,4-Dinitrotoluene	ND		ug/L	60.0	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2
Hexachlorobenzene	ND		ug/L	60.0	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2
Hexachlorobutadiene	ND		ug/L	60.0	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2
Hexachloroethane	ND		ug/L	60.0	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2
Nitrobenzene	ND		ug/L	60.0	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2
Pentachlorophenol	ND		ug/L	320	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2
Pyridine	ND		ug/L	160	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2
2,4,5-Trichlorophenol	ND		ug/L	160	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2
2,4,6-Trichlorophenol	ND		ug/L	160	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	67.4		%	40-125	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2
Phenol-d5 (S)	31.1		%	13-49	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2
Terphenyl-d14 (S)	68.4		%	50-122	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2
Nitrobenzene-d5 (S)	70.1		%	40-110	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2
2-[illegible]rophenol (S)	45.9		%	20-75	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2
2-[illegible]robiphenyl (S)	63.5		%	50-110	SW846 8270D	3/5/10	SAS	3/5/10 22:56	DHF	A2

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ANALYTICAL RESULTS

Workorder 9833440 10-1970

Lab ID: 9833440001 | Date Collected: 3/2/2010 08:12 | Matrix: Solid

Sample ID: Biosolids 10-1970 | Date Received: 3/3/2010 19:15

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
TCLP PESTICIDES										
gamma-BHC	ND		ug/L	1.0	SW846 8081B	3/5/10	SAS	3/5/10 20:47	KJH	A
Chlordane	ND		ug/L	20.0	SW846 8081B	3/5/10	SAS	3/5/10 20:47	KJH	A
Endrin	ND		ug/L	1.0	SW846 8081B	3/5/10	SAS	3/5/10 20:47	KJH	A
Heptachlor	ND		ug/L	1.0	SW846 8081B	3/5/10	SAS	3/5/10 20:47	KJH	A
Heptachlor Epoxide	ND		ug/L	1.0	SW846 8081B	3/5/10	SAS	3/5/10 20:47	KJH	A
Methoxychlor	ND		ug/L	1.0	SW846 8081B	3/5/10	SAS	3/5/10 20:47	KJH	A
Toxaphene	ND		ug/L	40.0	SW846 8081B	3/5/10	SAS	3/5/10 20:47	KJH	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	82.8		%	30-140	SW846 8081B	3/5/10	SAS	3/5/10 20:47	KJH	A
Tetrachloro-m-xylene (S)	83.5		%	30-123	SW846 8081B	3/5/10	SAS	3/5/10 20:47	KJH	A
TCLP HERBICIDES										
2,4-D	ND		ug/L	4.0	SW846 8151A	3/5/10	SAS	3/8/10 18:56	KJH	A4
2,4,5-TP	ND		ug/L	4.0	SW846 8151A	3/5/10	SAS	3/8/10 18:56	KJH	A4
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4-Dichlorophenylacetic acid (S)	102		%	14-172	SW846 8151A	3/5/10	SAS	3/8/10 18:56	KJH	A4
ASTM LEACHATE										
Ammonia-N	63.4		mg/L	0.250	D6919-03			3/10/10 21:26	NJA	A
Chemical Oxygen Demand (COD)	ND		mg/L	150	EPA 410.4			3/11/10 09:00	NJA	A
Total Solids	448		mg/L	5	SM20-2540			3/9/10 15:50	PAG	A
ASTM LEACHATE PREP										
Final pH	8.26		pH_Units		D3987-85			3/4/10 07:15	EL	A
TCLP LEACHATE										
Extraction Fluid Used	1				SW846 1311			3/4/10 07:15	EL	A
Final pH	5.57		pH_Units		SW846 1311			3/4/10 07:15	EL	A
Preliminary pH after DI water	8.63		pH_Units		SW846 1311			3/4/10 07:15	EL	A
Preliminary pH after HCl	2.25		pH_Units		SW846 1311			3/4/10 07:15	EL	A

Sample Comments:

The ASTM leachate was filtered through a 0.6 to 0.8 micron pore size filter after rotation.

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ANALYTICAL RESULTS

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Workorder 9833440 10-1970

Lab ID:	**9833440001**	Date Collected:	3/2/2010 08:12	Matrix:	Solid
Sample ID:	**Biosolids 10-1970**	Date Received:	3/3/2010 19:15		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder 9833440 10-1970

PARAMETER QUALIFIERS\FLAGS

[1] According to Pa/USEPA regulations, this sample is not considered to be ignitable. (Ref 40 CFR 261.21)

[2] The solid pH measured in water was 8.427 at 21.0 degrees C.

[3] This sample was received at the laboratory after the holding time for this analysis had expired.

[4] The recovery of the Matrix Spike (MS) associated to this analyte was outside of the established control limits. The sample was post-digestion spiked, and this matrix spike was within acceptable recovery limits.

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Form 43 and Form U analysis updated 9/12/07

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Total Metals: Arsenic, barium, cadmium, chromium, copper, lead, mercury, molybdenum, nickel, selenium, silver, zinc
pH
Ignitability
Reactive Sulfide and Reactive Cyanide
Free Liquids
PCB's
Total solids
Total volatile solids
Oil and Grease and Total Petroleum Hydrocarbons
ASTM – report as mg/L
- pH
- COD
- TS
- Oil and Grease and petroleum hydrocarbons
- Ammonia-Nitrogen

TCLP – include all parameters found in 40 CFR 261.24 as well as pH of extract.
Report all results in mg/L

pH of extract	Arsenic
Barium	Cadmium
Chromium	Copper
Iron	Lead
Mercury	Nickel
Selenium	Silver
Zinc	o,m,p Cresols
Cresol	1,4-Dichlorobenzene
2,4-Dinitrotoluene	Hexachlorobenzene
Hexachlorobutadiene	Hexachloroethane
Pentachlorophenol	Pyridine
2,4,5-Trichlorophenol	2,4,6-Trichlorophenol
Benzene	Carbon Tetrachloride
Chlorobenzene	Chloroform
1,2-Dichloroethane	1,1-Dichloroethylene
Tetrachloroethylene	Vinyl Chloride
Chlordane	2,4-D
Endrin	Heptachlor (and its Epoxide)
Lindane	Methoxychlor
Toxaphene	2,4,5-TP (Silvex)
Methyl ethyl ketone (2- Butanone)	Nitrobenzene
Trichloroethylene	Pyridine

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ANALYTICAL RESULTS

Workorder: 9864352 10-8344

Lab ID: **9864352001** Date Collected: 9/8/2010 09:15 Matrix: Solid
Sample ID: **10-8344 Grab** Date Received: 9/8/2010 19:05

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
TCLP VOLATILE ORGANICS										
Benzene	ND		ug/L	20.0	SW846 8260B			9/17/10 03:45	DD	A
2-Butanone	ND		ug/L	200	SW846 8260B			9/17/10 03:45	DD	A
Carbon Tetrachloride	ND		ug/L	20.0	SW846 8260B			9/17/10 03:45	DD	A
Chlorobenzene	ND		ug/L	20.0	SW846 8260B			9/17/10 03:45	DD	A
Chloroform	ND		ug/L	20.0	SW846 8260B			9/17/10 03:45	DD	A
1,2-Dichloroethane	ND		ug/L	20.0	SW846 8260B			9/17/10 03:45	DD	A
1,1-Dichloroethene	ND		ug/L	20.0	SW846 8260B			9/17/10 03:45	DD	A
Tetrachloroethene	ND		ug/L	20.0	SW846 8260B			9/17/10 03:45	DD	A
Trichloroethene	ND		ug/L	20.0	SW846 8260B			9/17/10 03:45	DD	A
Vinyl Chloride	ND		ug/L	20.0	SW846 8260B			9/17/10 03:45	DD	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	73.2		%	62-133	SW846 8260B			9/17/10 03:45	DD	A
4-Bromofluorobenzene (S)	96.9		%	79-114	SW846 8260B			9/17/10 03:45	DD	A
Toluene-d8 (S)	116		%	76-127	SW846 8260B			9/17/10 03:45	DD	A
ibromofluoromethane (S)	85.2		%	78-116	SW846 8260B			9/17/10 03:45	DD	A
PCBs										
Total Polychlorinated Biphenyl	ND		mg/kg	0.18	SW846 8082A	9/10/10	MDO	9/10/10 16:04	JEA	A2
Aroclor-1016	ND		mg/kg	0.18	SW846 8082A	9/10/10	MDO	9/10/10 16:04	JEA	A2
Aroclor-1221	ND		mg/kg	0.18	SW846 8082A	9/10/10	MDO	9/10/10 16:04	JEA	A2
Aroclor-1232	ND		mg/kg	0.18	SW846 8082A	9/10/10	MDO	9/10/10 16:04	JEA	A2
Aroclor-1242	ND		mg/kg	0.18	SW846 8082A	9/10/10	MDO	9/10/10 16:04	JEA	A2
Aroclor-1248	ND		mg/kg	0.18	SW846 8082A	9/10/10	MDO	9/10/10 16:04	JEA	A2
Aroclor-1254	ND		mg/kg	0.18	SW846 8082A	9/10/10	MDO	9/10/10 16:04	JEA	A2
Aroclor-1260	ND		mg/kg	0.18	SW846 8082A	9/10/10	MDO	9/10/10 16:04	JEA	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	59.9		%	30-150	SW846 8082A	9/10/10	MDO	9/10/10 16:04	JEA	A2
Tetrachloro-m-xylene (S)	65		%	30-150	SW846 8082A	9/10/10	MDO	9/10/10 16:04	JEA	A2
WET CHEMISTRY										
Cyanide, Reactive	ND		ppm	10	SW-846 7.3CN	9/14/10	LMM	9/14/10 14:47	TMG	A7
Free Liquids	Negative				SW846 9095			9/10/10 06:45	SDL	A
Hexane Extractable Material	54300		mg/kg	1090	SW846 9071B			9/22/10 08:00	NJA	A
Ignitability	See comment	1			SW846 1030			9/20/10 06:10	SDL	A
Moisture	81.6		%	0.1	SM20-2540 G			9/10/10 00:40	LJF	A
pH	8.47	2	pH_Units		SW846 9045D			9/9/10 07:13	MBW	A
Silica Gel Treated HEM	22300		mg/kg	1090	SW846 9071B			9/22/10 08:00	NJA	A
Solids, Total Volatile	68.6		%	1.0	SM20-2540 G			9/10/10 00:40	LJF	A
Sulfide, Reactive	8.8		ppm	6.2	SW846 7.3	9/14/10	LMM	9/14/10 10:40	ARK	A8
Total Solids	18.4		%	0.1	SM20-2540 G			9/10/10 00:40	LJF	A

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PA 22-293 NJ PA010
ACCREDITED IN ACCORDANCE WITH nelac
34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

ANALYTICAL RESULTS

Workorder: 9864352 10-8344

Lab ID: **9864352001** Date Collected: 9/8/2010 09:15 Matrix: Solid
Sample ID: **10-8344 Grab** Date Received: 9/8/2010 19:05

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Arsenic, Total	ND		mg/kg	10.9	SW846 6010C	9/15/10	SRT	9/15/10 05:01	SRT	A12
Barium, Total	424		mg/kg	5.4	SW846 6010C	9/15/10	SRT	9/15/10 05:01	SRT	A12
Cadmium, Total	3.8		mg/kg	2.7	SW846 6010C	9/15/10	SRT	9/15/10 05:01	SRT	A12
Chromium, Total	146		mg/kg	5.4	SW846 6010C	9/15/10	SRT	9/15/10 05:01	SRT	A12
Copper, Total	614		mg/kg	10.9	SW846 6010C	9/15/10	SRT	9/15/10 05:01	SRT	A12
Lead, Total	143		mg/kg	10.9	SW846 6010C	9/15/10	SRT	9/15/10 05:01	SRT	A12
Mercury, Total	4.4		mg/kg	1.0	SW846 7471B	9/9/10	MNP	9/9/10 10:32	MNP	A1
Molybdenum, Total	65.6		mg/kg	10.9	SW846 6010C	9/15/10	SRT	9/15/10 05:01	SRT	A12
Nickel, Total	74.5		mg/kg	10.9	SW846 6010C	9/15/10	SRT	9/15/10 05:01	SRT	A12
Selenium, Total	ND		mg/kg	27.2	SW846 6010C	9/15/10	SRT	9/15/10 05:01	SRT	A12
Silver, Total	10.8		mg/kg	2.7	SW846 6010C	9/15/10	SRT	9/15/10 05:01	SRT	A12
Zinc, Total	1790		mg/kg	10.9	SW846 6010C	9/15/10	SRT	9/15/10 05:01	SRT	A12
TCLP METALS										
Arsenic, Total	0.017		mg/L	0.0090	SW846 6010C	9/13/10	KMK	9/13/10 12:02	MWO	A4
arium, Total	0.093		mg/L	0.011	SW846 6010C	9/13/10	KMK	9/13/10 12:02	MWO	A4
Cadmium, Total	ND		mg/L	0.0022	SW846 6010C	9/13/10	KMK	9/13/10 12:02	MWO	A4
Chromium, Total	ND		mg/L	0.0060	SW846 6010C	9/13/10	KMK	9/13/10 12:02	MWO	A4
Copper, Total	0.016		mg/L	0.011	SW846 6010C	9/13/10	KMK	9/13/10 12:02	MWO	A4
Iron, Total	0.34		mg/L	0.067	SW846 6010C	9/13/10	KMK	9/13/10 12:02	MWO	A4
Lead, Total	ND		mg/L	0.0067	SW846 6010C	9/13/10	KMK	9/13/10 12:02	MWO	A4
Manganese, Total	35.1		mg/L	0.0060	SW846 6010C	9/13/10	KMK	9/13/10 12:02	MWO	A4
Mercury, Total	ND		mg/L	0.0020	SW846 7470A	9/14/10	MNP	9/14/10 12:43	MNP	A3
Nickel, Total	0.059		mg/L	0.022	SW846 6010C	9/13/10	KMK	9/13/10 12:02	MWO	A4
Selenium, Total	ND		mg/L	0.022	SW846 6010C	9/13/10	KMK	9/13/10 12:02	MWO	A4
Silver, Total	ND		mg/L	0.0044	SW846 6010C	9/13/10	KMK	9/13/10 12:02	MWO	A4
Zinc, Total	0.54		mg/L	0.022	SW846 6010C	9/13/10	KMK	9/13/10 12:02	MWO	A4
TCLP SEMI-VOLATILES										
mp-Cresol	ND		ug/L	160	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
o-Cresol	ND		ug/L	160	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
1,4-Dichlorobenzene	ND		ug/L	60.0	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
2,4-Dinitrotoluene	ND		ug/L	60.0	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
Hexachlorobenzene	ND		ug/L	60.0	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
Hexachlorobutadiene	ND		ug/L	60.0	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
Hexachloroethane	ND		ug/L	60.0	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
itrobenzene	ND		ug/L	60.0	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
entachlorophenol	ND		ug/L	320	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6

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ANALYTICAL RESULTS

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Sample ID: **10-8344 Grab** Date Received: 9/8/2010 19:05

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Pyridine	ND		ug/L	160	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
2,4,5-Trichlorophenol	ND		ug/L	160	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
2,4,6-Trichlorophenol	ND		ug/L	160	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	86.7		%	40-125	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
Phenol-d5 (S)	30.5		%	13-49	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
Terphenyl-d14 (S)	76.3		%	50-122	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
Nitrobenzene-d5 (S)	71.1		%	40-110	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
2-Fluorophenol (S)	49.7		%	20-75	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
2-Fluorobiphenyl (S)	59.8		%	50-110	SW846 8270D	9/14/10	GEC	9/16/10 06:13	CGS	A6
TCLP PESTICIDES										
gamma-BHC	ND		ug/L	1.0	SW846 8081B	9/13/10	RSS	9/16/10 22:13	KJH	A5
Chlordane	ND		ug/L	20.0	SW846 8081B	9/13/10	RSS	9/16/10 22:13	KJH	A5
Endrin	ND		ug/L	1.0	SW846 8081B	9/13/10	RSS	9/16/10 22:13	KJH	A5
leptachlor	ND		ug/L	1.0	SW846 8081B	9/13/10	RSS	9/16/10 22:13	KJH	A5
Heptachlor Epoxide	ND		ug/L	1.0	SW846 8081B	9/13/10	RSS	9/16/10 22:13	KJH	A5
Methoxychlor	ND		ug/L	1.0	SW846 8081B	9/13/10	RSS	9/16/10 22:13	KJH	A5
Toxaphene	ND		ug/L	40.0	SW846 8081B	9/13/10	RSS	9/16/10 22:13	KJH	A5
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	100		%	30-140	SW846 8081B	9/13/10	RSS	9/16/10 22:13	KJH	A5
Tetrachloro-m-xylene (S)	97.9		%	30-123	SW846 8081B	9/13/10	RSS	9/16/10 22:13	KJH	A5
TCLP HERBICIDES										
2,4-D	ND		ug/L	4.0	SW846 8151A	9/14/10	GEC	9/15/10 20:01	KJH	A9
2,4,5-TP	ND		ug/L	4.0	SW846 8151A	9/14/10	GEC	9/15/10 20:01	KJH	A9
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4-Dichlorophenylacetic acid (S)	76.9		%	14-172	SW846 8151A	9/14/10	GEC	9/15/10 20:01	KJH	A9
ASTM LEACHATE PREP										
Final pH	7.34		pH_Units		D3987-85			9/9/10 12:15	SDL	A
ASTM LEACHATE										
Ammonia-N	79.3		mg/L	0.500	D6919-03			9/20/10 16:57	NJA	A
Chemical Oxygen Demand (COD)	139		mg/L	15	EPA 410.4			9/21/10 09:54	NJA	A
Oil/Grease Hexane Extractable	ND		mg/L	4.0	EPA 1664A			9/22/10 12:00	NJA	A
Oil/Grease Silica Gel Treated	ND		mg/L	4.0	EPA 1664A			9/22/10 12:00	NJA	A
pH in Leachate	7.65		pH_Units		SM4500B			9/11/10 05:48	SAD	A
Total Solids	332		mg/L	5	SM20-2540			9/14/10 14:05	KAK	A

CLP LEACHATE

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Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Extraction Fluid Used	1				SW846 1311			9/10/10 07:10	EL	A
Final pH	5.41		pH_Units		SW846 1311			9/10/10 07:10	EL	A
Preliminary pH after DI water	8.53		pH_Units		SW846 1311			9/10/10 07:10	EL	A
Preliminary pH after HCl	2.52		pH_Units		SW846 1311			9/10/10 07:10	EL	A

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9864352 10-8344

PARAMETER QUALIFIERS\FLAGS

[1] According to Pa/USEPA regulations, this sample is not considered to be ignitable. (Ref 40 CFR 261.21)

[2] The solid pH measured in water was 8.469 at 21.0 degrees C.

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Form 43 and Form U analysis updated 9/12/07

Total Metals: Arsenic, barium, cadmium, chromium, copper, lead, mercury, molybdenum, nickel, selenium, silver, zinc
pH
Ignitability
Reactive Sulfide and Reactive Cyanide
Free Liquids
PCB's
Total solids
Total volatile solids
Oil and Grease and Total Petroleum Hydrocarbons

ASTM – report as mg/L
- pH
- COD
- TS
- Oil and Grease and petroleum hydrocarbons
- Ammonia-Nitrogen

TCLP – include all parameters found in 40 CFR 261.24 as well as pH of extract.
Report all results in mg/L

pH of extract	Arsenic
Barium	Cadmium
Chromium	Copper
Iron	Lead
Mercury	Nickel
Selenium	Silver
Zinc	o,m,p Cresols
Cresol	1,4-Dichlorobenzene
2,4-Dinitrotoluene	Hexachlorobenzene
Hexachlorobutadiene	Hexachloroethane
Pentachlorophenol	Pyridine
2,4,5-Trichlorophenol	2,4,6-Trichlorophenol
Benzene	Carbon Tetrachloride
Chlorobenzene	Chloroform
1,2-Dichloroethane	1,1-Dichloroethylene
Tetrachloroethylene	Vinyl Chloride
Chlordane	2,4-D
Endrin	Heptachlor (and its Epoxide)
Lindane	Methoxychlor
Toxaphene	2,4,5-TP (Silvex)
Methyl ethyl ketone (2- Butanone)	Nitrobenzene
Trichloroethylene	Pyridine