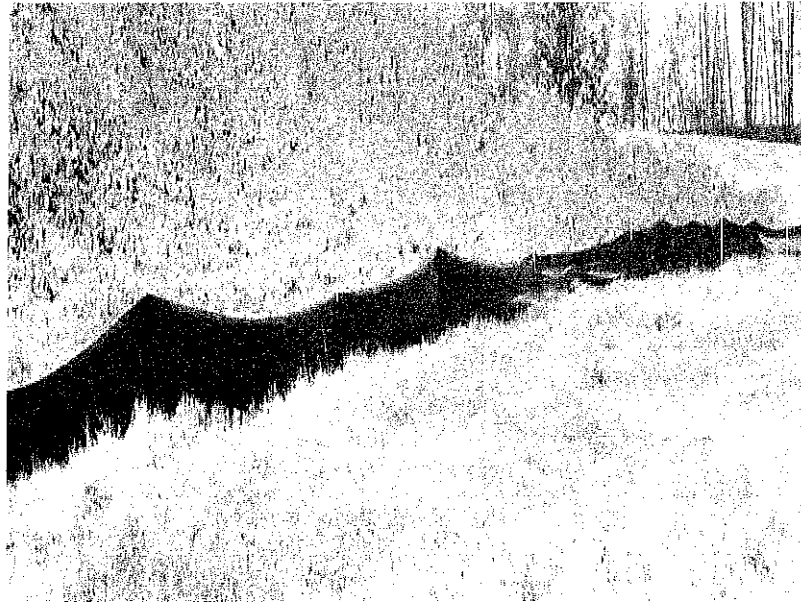


Village of Gowanda
and
The Gowanda Area
Redevelopment
Corporation



Peter Cooper
Annual Report
July 1 2012 to June 30
2013
Docket 02-2008-2021



VILLAGE OF GOWANDA

"Gateway to the Southern Tier"

27 E. Main Street • Gowanda, NY 14070
(716) 532-3353 • Fax (716) 532-2938

October 29, 2013

US EPA Region II
Emergency and Remediation Response Division
290 Broadway – 20th Floor
New York, New York 10007-0866

Attn: Sherrel Henry
Remedial Project Manager

Re: Gowanda Peter Cooper site annual report

Dear Ms. Henry

Pursuant to docket 02-2008-2021 please find enclosed the annual report for the Gowanda Peter Cooper Site (Zoar Valley Gateway Park). This report contains SIU permit compliance data, site improvements information, updates on site funding and grant acquisition, and a summary of O&M costs to date.

All discharges to the Village of Gowanda sewer system from July 1, 2012 to June 30, 2013 were in compliance with the village issued SIU permit.

Should you have any questions please feel free to contact me at 716-532-3353 or Andy Carriero at 716-532-5931.

Sincerely

Heather McKeever
Mayor
Village of Gowanda

Cc: Marty Doster, N.Y.S. DEC Region 9
Michael Hutchinson, GARC
Tom Forbes, Benchmark Engineering

*Mayor: Heather McKeever • Trustees: Carol Sheibley • John Certis • Dale DeCarlo • Paul Zimmerman
Village Clerk: Kathleen Mohawk • Treasurer: Cindy Schilling • Attorney for the Village: Deborah Chadsey
Building Inspector/Code Enforcement: Gary Brecker • Assessor: George Stark • Officer In Charge: Joseph Alessi
Highway Spvsr.: Gary Denea • Water Spvsr.: Carl Sternisha • Sewer Spvsr.: Andrew Carriero*

Village of Gowanda is an Equal Opportunity Employer and Provider of Services

***Gowanda Peter Cooper Annual Report
July 1, 2012 to June 31, 2013***

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- 2.0 SIU Lab Data***
- 3.0 Site Improvements (park design completed)***
- 4.0 Parks Construction Grant update***
- 5.0 Operation and Maintenance Cost Summary***

Attachment 1.0
SIU Compliance

SCHEDULE A

**Specific and General Conditions to
SIU Discharge Permit #**

Issued By:

VILLAGE OF GOWANDA SEWER DEPARTMENT

TO

**PETER COOPER SITE
POTENTIALLY RESPONSIBLE PARTIES
C/O
BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
726 EXCHANGE STREET
SUITE 624
BUFFALO, NEW YORK 14210**

In accordance with the provisions in Chapter 46, Articles 4 & 5, of the Village of Gowanda Municipal Code, the Peter Cooper Site PRPs, c/o Benchmark Environmental, 726 Exchange Street, Suite 624 Buffalo, New York 14210, hereinafter referred to as "Permittee", is hereby authorized to discharge leachate from a ground water collection system located at 70 Palmer Street in the Village of Gowanda, New York only through the outfall(s) identified herein into the Village of Gowanda's Sewage Treatment Plant (the "GSTP") in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in Section 1 (Specific) and Section 2 (General) and Section 3 (Enforcement) attached hereto and incorporated by reference herein as part of this permit (collectively the "Permit").

Compliance with this Permit does not relieve the Permittee of its obligation to comply with all pretreatment regulations, standards or requirements under local, state and federal laws, including any such laws, regulations, standards or requirements that may become effective during the term of this Permit.

Noncompliance with the terms and conditions of this Permit shall constitute a violation of the Village of Gowanda Municipal Code.

This Agreement shall commence the date on which the Consent Decree between EPA & CPRPs becomes effective and shall terminate on the last day of the sixtieth (60th) month following the month of commencement of the Term. The Village reserves the right to terminate this Agreement in the event that there are any violations of any Village, state or federal laws and regulations. This Agreement may be renewed as provided in the SIU Permit.

The Permittee shall not discharge after the date of expiration. If the Permittee wishes to continue to discharge after the expiration date, an application must be filed for re-issuance of this Permit in accordance with the requirements of Chapter 46, Articles 4 and 5, of the Village of Gowanda Municipal Code, a minimum of ninety (90) days prior to the expiration date.

ABBREVIATIONS

BOD	Biological Oxygen Demand
CFR	Code of Federal Regulations
COD	Chemical Oxygen Demand
Code	Village of Gowanda Code of Ordinances
Superintendent	Superintendent of Public Works
EPA	Environmental Protection Agency (Federal)
mg/L	milligrams per liter (equivalent to ppm, or parts per million)
SNC	Significant Noncompliance
SOP	Standard Operating Procedures
TRC	Technical Review Criteria
TSS	Total Suspended Solids
TTO	Total Toxic Organics
SIU	Wastewater Discharge Permit
WWF	Wastewater Facility

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SECTION 1. SPECIFIC CONDITIONS

Part 1. Operation and effluent origins.

a) Description and regulation of operation

Permittee will discharge leachate to the GSTP in connection with a system installed to recover such leachate pursuant to the Record of Decision issued by the Environmental Protection Agency for the Peter Cooper Site, dated 9/30/05, relating to property located at 70 Palmer Street in the Village of Gowanda, New York.

b) The discharge shall not exceed 30,000 gallons peak daily.

Part 2. Effluent Limitations

a) Outfall

1. During the Permit period, Permittee is authorized to discharge leachate to the GSTP from the outfall 003 listed below.

Description of outfalls:

<u>Outfalls</u>	<u>Description</u>
003	Constructed sewer line to Village manhole – C-116 and test immediately before discharge to Village system.

2. The Permittee shall apply, in writing, to the Superintendent for permission to discharge leachate to any other outfall other than indicated above. Reasons for the change and detailed plans and drawings of the proposed new outfall(s) must accompany the request.

b) Effluent Limitations

During the Permit period, the discharge from the outfall 003 listed above shall not exceed the following effluent limitations. Effluent from outfall consists of all origins listed in Section 1. Effluent from this outfall consists of groundwater and leachate from an inactive industrial landfill.

[Remainder of Page Intentionally Blank]

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TABLE 1 (Effluent Limitations)

<u>Parameter</u>	<u>Daily Maximum Concentration</u>	<u>lb/d Daily Maximum</u>
Flow	30,000 gpd	-
Total Toxic Organic Compounds (TTO)	1.37 mg/L	-
Total Organic Halogen (TOX)	0.1	-
BOD	-	200lb/d
COD	monitor only	-
Total Solids	-	181 lb/d
pH	5.0 - 10.5	-
Total Arsenic 0.0062 lb/d	-	-
Total Chromium	-	0.032 lb/d
Hex Chromium lb/d	-	0.0048
Phenol	-	0.78 lb/d
Ammonia	-	75 lb/d
Dissolved Oxygen ¹	2.0 mg/L	-
Sulfides	9.0mg/L	-

¹ The discharge shall maintain a minimum concentration of Dissolved Oxygen content of 2.0 mg/L when sulfide concentrations are in excess of 9.0 mg/L.

c) Modification of Local Limits.

In accordance with the Municipal Code, the established local limits are subject to change and shall be modified as needed based on regulatory requirements and standards, GSTP operation, performance and processes, the industrial user base, potable water quality and domestic wastewater characteristics. Modification to the established local limits must be reviewed and approved prior to implementation. Implementation shall be effective thirty (30) days from notice of acceptance of the modified limits. New local limits will be issued as an addendum to this wastewater discharge permit. Any modification of local limits that would require the Permittee to construct and operate, or modify an existing pretreatment system, shall include a reasonable schedule of compliance.

Part 3. Operation and maintenance of pollution controls.

a) Proper operation and maintenance

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the terms of this SIU. Proper operation and maintenance includes but is not limited to: effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the SIU.

b) Duty to halt or reduce activity

Upon reduction of efficiency of operation, or loss or failure of all or part of the treatment facility, the Permittee shall, to the extent necessary to maintain compliance with this SIU, control its production or discharges (or both) until operation of the treatment facility is restored or an alternative method of treatment is provided. This requirement applies, for example, when the primary source of power of the treatment facility fails or is reduced. It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance of the SIU.

c) Bypass of treatment facilities

1. Bypass is prohibited unless it is unavoidable to prevent loss of life, personal injury or severe property damage or no feasible alternative exist.
2. Bypass not exceeding limitations. The Permittee may allow bypass to occur which does not cause effluent limitations to be exceeded, but only if it is also for essential maintenance to assure efficient operation

d) Notification of bypass

1. Anticipated bypass. If the Permittee knows in advance of the need for a bypass, it shall submit prior written notice, at least ten days before the date of the bypass, to the Superintendent.
2. Unanticipated bypass. The Permittee shall immediately notify the Superintendent and submit a written notice to the WWF within 5 days. This report shall specify:
 - (i) A description of the bypass, and its cause and duration;
 - (ii) Whether the bypass has been corrected; and
 - (iii) The steps being taken or to be taken to reduce, eliminate or prevent a recurrence of the bypass.

Part 4. Sampling and monitoring requirements

a) Sample points

During the permit period, the Permittee shall collect samples and monitor the leachate discharge from the following sample points:

Outfall 003 described in Section 1 of this SIU Permit or other locations approved by the Superintendent.

This is the only sampling point that is approved by the Superintendent for the collection of samples.

b) **Sampling and Analysis; Notification of Sample Collection**

TABLE 2 (revised Sampling and Monitoring) EFFECTIVE 1/1/13

Annual samples to be done in January, semi-annual samples to be done in June

Parameter	Sampling Location	Frequency	Sample Type
USEPA Priority Pollutant	Pre treatment building	Annual Effective 1/1/13	Grab
Sulfates	Pre treatment building	2x per year effective 1/1/13	24/hr. Composite
Sulfides (collected both prior to and following pre-treatment)	Pre treatment building	2x per year effective 1/1/13	24/hr. Composite
BOD/5	Pre treatment building	2x per year Effective 1/1/13	Composite
TSS	Pre treatment building		
Phenols	Pre treatment building	weekly	24/hr. Composite
Ammonia	Pre treatment building		
TKN	Pre treatment building		
PH (field measured)	Pre treatment building	annual Effective 1/1/13	24 hr. composite
METALS	Pre treatment building		
Arsenic			
Calcium			
Total Chromium			
Hexavalent Chromium			
Cooper			
Cyanide			
Lead			
Mercury			
Nickel			
Silver			
Zinc			
Dissolved Oxygen	Pre treatment building		

1. Sampling frequency shall be determined by the Superintendent based on the nature, volume and concentrations of parameters of concern identified in this SIU Permit, as demonstrated during the first year of monitoring.
2. Samples collected by the Permittee or its authorized representative shall be as representative as possible of the volume and nature of the Permittee's discharge throughout the daily period of system operation. All handling and preservation of collected samples shall be performed in accordance with 40 CFR Part 136 and any amendments thereto. The Village reserves the right to spot check sampling procedures by the Permittee or the Permittee's contract laboratory at any time.
3. The Village reserves the right to modify the frequency of analysis. If laboratory analysis indicates any parameter exceeds the levels set in the Village's Sewer Use Ordinance or this SIU Permit or the Superintendent determines that any parameter present in the discharge poses a treatment concern.

c) **Permittee's analytical laboratory**

The Permittee shall utilize a State of New York certified laboratory of its choosing for the purposes of complying with the requirements of this SIU. Certification must be current during the performance of a required analysis for each parameter measured. The Permittee is directly responsible for ensuring the validity of all analytical measurements received from its laboratory as required by this SIU.

The Village will only accept analytical results that are performed by a laboratory certified by the State of New York for environmental analysis. Analytical measurements submitted by non certified laboratories or resulting from analysis of samples during periods of non certification for the analyte will be considered null and void and the facility will be considered as not having monitored for these parameters.

d) **Sampling procedures**

All sampling procedures shall comply with the requirements contained in Standard Methods

If the Permittee performs its own sampling, the Permittee shall prepare a written description of its procedures and shall submitted such document to the Village. The Village may, at its option, observe the collection of the required samples by the Permittee to ensure that approved sampling methods are complied with in full. Failure to follow sampling procedures will result in the Village's rejection of the sample and any resulting analytical results that may be submitted by the Permittee.

If the Permittee's chosen laboratory performs the sampling for the Permittee, the Village may, at its option, observe the collection of the required samples to ensure that approved sampling methods are complied with in full by the laboratory concerned. Failure to follow sampling procedures will result in the Village's rejection of the sample and any resulting analytical results that may be submitted by the Permittee or its laboratory.

→ **Part 5. Reporting requirements**

a) **Periodic compliance reports (PCR)**

Annual compliance reports must be submitted to the Village of Gowanda by February 1 of each year covering January 1 to December 31st of the previous year.

1. Annual compliance report information is to be submitted on NYSDEC FROSI report forms.
2. A copy of the original contracting laboratory's analysis, including all chain of custody forms.

➔ The due date for submission of the PCR report and attachments is thirty days after the last day of the month in which the samples are required to be taken. If a report is submitted more than 30 days after the due date, the facility will be deemed to be in significant noncompliance (SNC) and appropriate enforcement proceedings will be initiated by the Village.

A report shall be considered incomplete and in violation of reporting requirements if it does not contain the above required information and attachments. Incomplete reports will be returned to sender.

b) Extra monitoring

If the Permittee monitors its discharge for any pollutant more frequently than required by this SIU, using test procedures prescribed in 40 CFR Part 136 or any New York State regulation or amendments thereto, or otherwise approved by EPA or as specified in this WPD, the results of such monitoring shall be included in the calculation and results shall be reported in the PCR reports and submitted to the Superintendent.

c) Automatic re-sampling

If the results of the Permittee's discharge analysis indicate a violation has occurred, the Permittee must:

1. Inform the Superintendent within 24 hours of becoming aware of the violation, as defined in Section 3 of this SIU; and
2. Repeat the sampling and pollutant analysis for the parameter in violation and submit the results of the second analysis in writing to the Village within 30 days after becoming aware of the violation.

d) Accidental discharge report

The Permittee shall notify the Superintendent immediately upon the occurrence of an accidental discharge of substances prohibited by the Municipal Code or any slug loads or spills that may enter the public sewer. During normal business hours, the Superintendent should be notified by telephone at 716-532-5931. At all other times, the Superintendent should be notified by telephone at 716-913-1455 or 716-532-4077 after 4:30 p.m. Monday - Friday or weekends and holidays. The Permittee shall inform the Superintendent of the location of discharge, date and time, type of waste, including concentration and volume, and corrective actions taken. The Permittee's notification of accidental release in accordance with this section does not relieve it of other reporting requirements that arise under local, State, or Federal laws. Within five (5) days following an accidental discharge, the Permittee shall submit to the Superintendent a detailed written report. The report shall specify:

1. Description and cause of the upset, slug or accidental discharge, the cause thereof and the impact on the Permittee's compliance status. The description should also include location of discharge, type, concentration and volume of waste.
2. Duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance continues, the time by which compliance is reasonably expected

to occur.

3. All steps taken or to be taken to reduce, eliminate, and prevent recurrence of such an upset, slug, accidental discharge, or other conditions of noncompliance.

e) The cooperating PRPs will provide the Village with copies of all post-remedial inspections, sampling, analysis, evaluation reporting, and any other document or report submitted to EPA and required by USEPA to demonstrate performance and permanence of the remedial measures including but not limited to:

1. Gas Vent Emissions testing and reporting;
2. Groundwater and surface water data assessment and reporting for the first five (5) years following completion of remedial construction.
3. Periodic site inspections to observe cover system integrity and observe seep/ground water collection system operation and maintenance.

f) Report Submission

The Permittee shall submit all reports required by this Permit to the Superintendent at the following address:

Superintendent of Public Works
Village of Gowanda
27 East Main Street
Gowanda, New York 14070

PART 6. Demand monitoring costs

Any required demand monitoring, inspections and surveillance deemed to be necessary as a result of a violation will be carried out by the Village and charged directly to the Permittee at the Village's cost, which costs shall be a charge against the OM&M Account.

SECTION 2. GENERAL REQUIREMENTS AND CONDITIONS

PART 1. Compliance with applicable pretreatment standards and requirements: Costs

a) Compliance with this permit does not relieve the Permittee from its obligations regarding compliance with any and all applicable local, State and Federal pretreatment standards, regulations, laws, and requirements including any that become effective during the term of this permit. This SIU shall be expressly subject to all provisions of the Municipal Code, as amended, and all other applicable codes and regulations.

b) The Permittee shall reimburse the Village for monitoring all parameters required by the DEC, EPA or the Village and at the frequency requested by any of these agencies or any other agency having jurisdiction over the discharge and for all cost associated with any Village SPDES Permit modifications associated with the acceptance of the discharge, which costs shall be a charge against the OM&M Trust Account.

PART 2. Duty to reapply

The Permittee shall apply for permit re-issuance at least ninety (90) days, but no more than one hundred and eighty (180) days prior to the expiration of the Permittee's permit. The Permittee shall be informed of any proposed changes to the permit at least thirty (30) days prior to the effective date of change. Any changes or new conditions in the permit shall include a reasonable time schedule for compliance.

PART 3. Continuation of expired SIU

An expired SIU will continue to be effective and enforceable until the SIU is reissued if:

- a) The Permittee has submitted a complete SIU application at least ninety (90) days prior to the expiration date of the Permittee's existing SIU.
- b) The failure to reissue the SIU, prior to expiration of the previous SIU, is not due to any act or failure to act on the part of the Permittee.

PART 4. Signatory requirements

All applications, reports, or information submitted to the Village of Gowanda must contain the following certification statement:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

All reports required by this permit shall contain the name/title of a principal executive officer of the Permittee, and shall be signed by the principal executive officer or his/her authorized representative.

PART 5. Right of entry

The Permittee shall allow the Village or its representatives, exhibiting proper credentials and identification, to enter upon the premises of the Permittee, at all reasonable hours for the purposes of inspection, sampling, or records inspection and duplication. Reasonable hours in the context of inspection and sampling include any time the Permittee is operating any process which results in a process wastewater discharge to the Village's WWF.

PART 6. Limitation on permit transfer

Discharge permits are issued to a specific Permittee for a specific operation. They shall not be reassigned, or transferred, or sold to a new owner, new significant Permittee, or transferred to a different premises without Village approval.

PART 7. Changed conditions

The Permittee shall report to the Village prior to the introduction of new discharge any substantial change in the volume or characteristics of the wastewater being discharged into the WWF from the Permittee's processes.

PART 8. Records Retention

a) The Permittee shall retain and preserve for no less than five (5) years, any records, books, and documents, memoranda, reports, correspondence and any and all summaries thereof, relating to monitoring, sampling and chemical analyses made by or on behalf of the Permittee in connection with its discharge.

b) All records that pertain to matters that are the subject of special orders or any other enforcement or litigation activities brought by the Village shall be retained and preserved by the Permittee until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

PART 9. Sample type and notification of sample collection

All samples shall be 24-hour (flow-proportioned or time-proportioned) composite samples where feasible, except VOC sampling which are grab samples.

PART 10. Measurements for discharge limitations

a) Daily Maximum concentration mg/l.

b) Lb/d Day Maximum: Total Daily flow in MGD x concentration in mg/l x 8.34

c) For each measurement or sample taken pursuant to the requirements of this permit, the following information shall be recorded:

- i) The exact place, date and time of sampling;
- ii) The dates the analysis were performed;
- iii) The person responsible for performing the sampling or measurement;
- iv) The person(s) who performed the analyses;
- v) The analytical techniques or methods used, and
- vi) The results of all required analyses.

PART 11. Violation of notification and resample requirement

If sampling performed by Permittee indicates a violation of any part of this Permit or Village Code, as amended, the Permittee shall notify the Superintendent within 24 hours of becoming aware of the violation. The Permittee shall repeat the sampling and analysis and submit both results of the analysis to the Superintendent within 30 days after becoming aware of the violation.

PART 12. Dilution

No Permittee shall increase the use of potable or process water or in any way attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in the permit

PART 13. General prohibitive standards

The Permittee shall not discharge wastewater to the sewer system:

- a) Any point source wastewater having a temperature greater than 65° Celsius (C) (150° Fahrenheit (F)) or which will inhibit biological activity in the treatment plant resulting in interference.
- b) Containing any gasoline, benzene, naphtha, fuel oil or other flammable or explosive liquids, solids or gases; and in no case pollutants with a closed cup flashpoint of less than 60° C (140 °F), or pollutants which cause an exceedance of 10 percent of the Lower Explosive Limit (LEL) at any point within the WWF.
- c) Any water having a pH less than 5.5 or greater than 10.5, or wastewater having any other corrosive property capable of causing damage or hazard to structures or equipment, or endangering Village personnel.
- d) Solids or viscous substances in amounts which will cause obstruction of the flow in the wastewater treatment facility resulting in interference, but in no case solids greater than one-half inch in any dimension.
- e) Any wastewater containing pollutants, including oxygen-demanding pollutants (BOD, etc.), released in a discharge at a flow rate and/or pollutant concentration which, either singly or by interaction with other pollutants, will cause interference with either the WWF, the collection system, or any wastewater treatment or sludge process, or which will constitute a hazard to humans or animals.
- f) Any wastewater in mixture which causes the temperature at the introduction into the WWF to

exceed 40° C (104° F).

- g) Petroleum oil, non-biodegradable cutting oil or products of mineral oil origin in amounts which will cause interference or pass-through.
- h) Any pollutants which result in the presence of toxic gases, vapors or fumes within the WWF in a quantity which may cause acute worker health and safety problems.
- i) Any noxious or malodorous liquids, gases, solids or other wastewater which, either singly or by interaction with other wastes, are sufficient to create a public nuisance or a hazard to life, or prevent entry into the sewers for maintenance and repair.
- j) Any wastewater containing any radioactive wastes or isotopes.
- k) Stormwater, surface water, groundwater, artesian well water, roof runoff, subsurface drainage, swimming pool drainage, condensate, deionized water, non-contact cooling water, and unpolluted industrial wastewater, unless specifically authorized by the Superintendent.
- l) Any sludges, screenings or other residues from the pretreatment of industrial wastes.
- m) Any wastewater causing the treatment plant's effluent to fail a Village requirement or cause a violation of any requirements of the Village's State Pollution Discharge Elimination Permit ("SPDES Permit") imposed by either The New York State Department of Environmental Conservation or the Environmental Protection Agency or any wastes containing detergents, surface active agents or other substances which may cause excessive foaming in the WWF.
- n) Any discharge of chemicals used to dissolve grease.
- o) Any wastewater which imparts color which cannot be removed by the treatment process, such as but not limited to dye wastes and vegetable tanning solutions, which consequently imparts color to the treatment plant's effluent thereby violating the Village's operating permit.

PART 14. Flow measurements

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to insure the accuracy and reliability of measurements of the volume of monitoring discharges. The devices shall be installed, calibrated, and maintained by the Permittee to insure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than +1- 10% from the true discharge rates throughout the range of expected discharge volumes.

PART 15. Suspension/termination of service and/or permit

The Village may suspend discharge treatment service and/or the SIU when such suspension is necessary to stop an actual or threatened discharge which would endanger the health or welfare of persons or the environment, cause interference with GSTP operations, cause sludge quality degradation, or cause the Village to violate any conditions of its operating permit. Conditions for termination of this permit include but are not limited to the following:

- a) Falsifying self-monitoring reports;
- b) Tampering with monitoring equipment;

provision of this permit to any circumstances is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

SECTION 3. ENFORCEMENT

PART 1. Notice of violation

a) Any violation of requirements including, but not limited to, discharge limits, sampling, analysis, meeting compliance schedules and regulatory deadlines, and reporting shall be considered as noncompliance for which the Permittee is liable for enforcement, including penalties. The Permittee shall respond to any notice of violation in writing within 30 days of the notice. This written notification shall include the reason for the violation(s), the actions taken to correct the violation(s) and what steps will be taken to prevent the violation(s) from occurring in the future.

b) The failure of the Village to reject any discharge shall not, in any way, relieve or diminish the Permittee's liabilities to the Village for any damages the Village may incur as a result of the discharge being in violation of any provisions of this Permit.

PART 2. Significant noncompliance (SNC)

Violations shall be identified as those violations or patterns of violations by the Permittee that are instances of Significant Noncompliance (SNC). The determination of SNC is patterned after criteria used in the EPA program (40 CFR 123.45). Instances of SNC are Permittee violations which meet one or more of the following criteria:

1. Violation of wastewater discharge limits:

a) Chronic Violations: If 66% or more of the measurements obtained from the testing described in this permit exceed the permit limits in a 6 month period (any magnitude of exceedance), then chronic violations will have occurred.

b) Technical Review Criteria (TRC) violations, when thirty-three (33%) percent or more of all measurements taken during six (6) month period equal or exceed the permit limit multiplied by the applicable TRC factor.

c) Any other violation(s) of an effluent limit (average or daily maximum) that the Village believes has caused, alone, or in combination with other discharges, interference (e.g. slug loads or pass through) or endangered the health of the WWF personnel or the public.

d) Any discharge of a pollutant that has caused imminent endangerment to human welfare, or to the environment, and has resulted in the Village's exercise of its emergency authority to halt or prevent such a discharge.

e) Failure to meet within ninety (90) days after the schedule, a compliance schedule milestone required.

2. Failure to provide reports as stipulated in this permit within thirty (30) days from the due date.

3. Failure to accurately report non-compliance.

4. Any other violation or group of violations that the Village considers to be significant.

As part of its enforcement action, the Village shall notify the Permittee of each incidence of SNC, and each notice shall include an order for the Permittee to come into compliance immediately, or to enter into a compliance agreement with the Village.

PART 3. Civil penalties

A Permittee who has violated or continues to violate any provision of the Municipal Code, a SIU or other order issued, or any other pretreatment standard or requirement shall be liable to the Village for a maximum civil penalty of \$1,000.00 per violation, per day.

The Village may recover reasonable attorney's fees, court costs and other expenses associated with enforcement activities, including sampling and monitoring expenses and the cost of actual damage incurred by the Village.

In determining the amount of the civil liability, the court shall take into account all relevant circumstances including, but not limited to, the extent of harm caused by the violation, any economic benefit gained through the Permittee's violation, corrective actions by the Permittee, the compliance history of the Permittee and any other factor as justice requires.

Filing a suit for civil penalties shall not be a bar against or a prerequisite for taking any other action against the Permittee.

PART 4. Emergency actions

The Superintendent shall have authority and procedures to immediately and effectively halt any discharge to the WWF which endangers public health or welfare. The Superintendent shall also have the authority and procedures to prevent any discharge to the WWF which endangers the environment or which threatens to interfere with the operations of the WWF. Notice shall be provided to the Permittee prior to such action. If public health or welfare are not endangered, the Permittee shall be given an opportunity to respond to the notice.

PART 5. Duty to mitigate

The Permittee shall take all reasonable steps to minimize or correct any adverse impact to the public treatment plant or the environment resulting from noncompliance with this SIU, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncompliant discharge.

PART 6. Recovery of costs incurred

In addition to civil liability, the Permittee violating any of the provisions of this SIU, of the Municipal Code or causing damage to or otherwise inhibiting the Village of Gowanda wastewater disposal system shall be liable to the Village of Gowanda for any expense, or damage caused by such violation or discharge. The Superintendent shall bill the Permittee for the costs incurred by the Village for any demand monitoring, analysis, cleaning, repair, or replacement work caused by the violation or discharge.

11/1/13


Michael Hutchison, Superintendent

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily ma/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Total Daily Flow MGD	Peter Cooper BOD mg/l	Peter Cooper Suspended Solids ma/l	Peter Cooper Phenols mg/l	Peter Cooper TKN mg/l
1 Sun					5614837.00	2581.00	0.002334				
2 Mon		7.26	21.40	5.00	5617418.00	2609.00	0.002379				
3 Tue					5620027.00	2518.00	0.002318				
4 Wed					5622545.00	2370.00	0.002270				
5 Thu					5624915.00	2385.00	0.002355				
6 Fri					5627300.00	1969.00	0.001969				
7 Sat					5629269.00	2611.00	0.002611				
8 Sun					5631880.00	2618.00	0.002618				
9 Mon		7.26	22.90	6.50	5634498.00	1943.00	0.001943				
10 Tue					5636441.00	1943.00	0.001943				
11 Wed					5638384.00	2567.00	0.002567				
12 Thu					5640951.00	1914.00	0.001914				
13 Fri					5642865.00	1912.00	0.001912				
14 Sat					5644777.00	1909.00	0.001909				
15 Sun					5646686.00	2283.00	0.002283				
16 Mon		7.47	21.10	6.70	5648969.00	2188.00	0.002188				
17 Tue					5651157.00	1887.00	0.001887				
18 Wed					5653044.00	1887.00	0.001887				
19 Thu					5654931.00	1876.00	0.001876				
20 Fri					5656807.00	1903.00	0.001903				
21 Sat					5658710.00	1891.00	0.001891				
22 Sun					5660601.00	1888.00	0.001888				
23 Mon		7.25	25.00	4.00	5662489.00	1875.00	0.001875				
24 Tue					5664364.00	1339.00	0.001339				
25 Wed					5665703.00	1752.00	0.001752				
26 Thu					5667455.00	2631.00	0.002631				
27 Fri					5670086.00	1897.00	0.001897				
28 Sat					5671983.00	2989.00	0.002989				
29 Sun					5674972.00	2619.00	0.002619				
30 Mon		7.24	22.20	5.20	5677591.00	1876.00	0.001876				
31 Tue					5679467.00	1946.00	0.001946				
MIN		7.24	21.10	4.00	5,614,837.00	1,339.00	0.001339	-	-	-	-
MAX		7.47	25.00	6.70	5,679,467.00	2,989.00	0.002989	-	-	-	-
AVG		7.30	22.52	5.48	5,648,100.71	2,147.61	0.002148	-	-	-	-
SUM		36.48	112.60	27.40	175,091,122.00	66,576.00	0.066576	-	-	-	-

July 2012

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper Sulfates mg/l	Peter Cooper Sulfides (Lab results) mg/l	Peter Cooper Sulfides (in house results) mg/l	Peter Cooper Amonia mg/l	Peter Cooper BOD Loading Max.200 lb/d lbs/dav	Peter Cooper Sus. Solids Load Max.181lb lbs/dav	Peter Cooper Phenol Loading Max..78lb/d lbs/dav	Peter Cooper Amonia Loading Max. 75lb/d lbs/dav	Peter Cooper Vent # 1 O2	Peter Cooper Vent # 1 CO
1 Sun											
2 Mon				0.20							
3 Tue											
4 Wed											
5 Thu											
6 Fri											
7 Sat											
8 Sun											
9 Mon				0.20							
10 Tue											
11 Wed											
12 Thu											
13 Fri											
14 Sat											
15 Sun											
16 Mon				0.20							
17 Tue											
18 Wed											
19 Thu										14.20	0.00
20 Fri											
21 Sat											
22 Sun											
23 Mon				0.20							
24 Tue											
25 Wed											
26 Thu											
27 Fri											
28 Sat											
29 Sun											
30 Mon				0.20							
31 Tue											
MIN		-	-	0.20	-	-	-	-	-	14.20	0.00
MAX		-	-	0.20	-	-	-	-	-	14.20	0.00
AVG		-	-	0.20	-	-	-	-	-	14.20	0.00
SUM		-	-	1.00	-	-	-	-	-	14.20	0.00

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper Vent # 1 H2S	Peter Cooper Vent # 1 LEL	Peter Cooper Vent # 2 O2	Peter Cooper Vent # 2 CO	Peter Cooper Vent # 2 H2S	Peter Cooper Vent # 2 LEL	Peter Cooper Vent # 3 O2	Peter Cooper Vent # 3 CO	Peter Cooper Vent # 3 H2S	Peter Cooper Vent # 3 LEL
1 Sun											
2 Mon											
3 Tue											
4 Wed											
5 Thu											
6 Fri											
7 Sat											
8 Sun											
9 Mon											
10 Tue											
11 Wed											
12 Thu											
13 Fri											
14 Sat											
15 Sun											
16 Mon											
17 Tue											
18 Wed		0.00	100.00	2.40	308.00	9.60	100.00	20.90	0.00	0.00	0.00
19 Thu											
20 Fri											
21 Sat											
22 Sun											
23 Mon											
24 Tue											
25 Wed											
26 Thu											
27 Fri											
28 Sat											
29 Sun											
30 Mon											
31 Tue											
MIN		0.00	100.00	2.40	308.00	9.60	100.00	20.90	0.00	0.00	0.00
MAX		0.00	100.00	2.40	308.00	9.60	100.00	20.90	0.00	0.00	0.00
AVG		0.00	100.00	2.40	308.00	9.60	100.00	20.90	0.00	0.00	0.00
SUM		0.00	100.00	2.40	308.00	9.60	100.00	20.90	0.00	0.00	0.00

Peter Cooper Landfill Monthly Report

	Daily Con	Peter Cooper Vent # 4 O2	Peter Cooper Vent # 4 CO	Peter Cooper Vent # 4 H2S	Peter Cooper Vent # 4 LEL	Peter Cooper Vent # 5 O2	Peter Cooper Vent # 5 CO	Peter Cooper Vent # 5 H2S	Peter Cooper Vent # 5 LEL
1 Sun									
2 Mon									
3 Tue									
4 Wed									
5 Thu									
6 Fri									
7 Sat									
8 Sun									
9 Mon									
10 Tue									
11 Wed									
12 Thu									
13 Fri									
14 Sat									
15 Sun									
16 Mon									
17 Tue									
18 Wed									
19 Thu		16.40	0.00	0.00	15.00	18.20	0.00	3.90	57.00
20 Fri									
21 Sat									
22 Sun									
23 Mon									
24 Tue									
25 Wed									
26 Thu									
27 Fri									
28 Sat									
29 Sun									
30 Mon									
31 Tue									
MIN		16.40	0.00	0.00	15.00	18.20	0.00	3.90	57.00
MAX		16.40	0.00	0.00	15.00	18.20	0.00	3.90	57.00
AVG		16.40	0.00	0.00	15.00	18.20	0.00	3.90	57.00
SUM		16.40	0.00	0.00	15.00	18.20	0.00	3.90	57.00

Peter Cooper Daily/Weekly Data Bench Sheet

	Daily Con	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd.	Peter Cooper Sulfides (in house results) mg/l
1 Sun					5614837.00	2581.00	
2 Mon		7.26	21.40	5.00	5617418.00	2609.00	0.20
3 Tue					5620027.00	2518.00	
4 Wed					5622545.00	2370.00	
5 Thu					5624915.00	2385.00	
6 Fri					5627300.00	1969.00	
7 Sat					5629269.00	2611.00	
8 Sun					5631880.00	2618.00	
9 Mon		7.26	22.90	6.50	5634498.00	1943.00	0.20
10 Tue					5636441.00	1943.00	
11 Wed					5638384.00	2567.00	
12 Thu					5640951.00	1914.00	
13 Fri					5642865.00	1912.00	
14 Sat					5644777.00	1909.00	
15 Sun					5646686.00	2283.00	
16 Mon		7.47	21.10	6.70	5648969.00	2188.00	0.20
17 Tue					5651157.00	1887.00	
18 Wed					5653044.00	1887.00	
19 Thu					5654931.00	1876.00	
20 Fri					5656807.00	1903.00	
21 Sat					5658710.00	1891.00	
22 Sun					5660601.00	1888.00	
23 Mon		7.25	25.00	4.00	5662489.00	1875.00	0.20
24 Tue					5664364.00	1339.00	
25 Wed					5665703.00	1752.00	
26 Thu					5667455.00	2631.00	
27 Fri					5670086.00	1897.00	
28 Sat					5671983.00	2989.00	
29 Sun					5674972.00	2619.00	
30 Mon		7.24	22.20	5.20	5677591.00	1876.00	0.20
31 Tue					5679467.00	1946.00	
MIN		7.24	21.10	4.00	5,614,837.00	1,339.00	0.20
MAX		7.47	25.00	6.70	5,679,467.00	2,989.00	0.20
AVG		7.30	22.52	5.48	5,648,100.71	2,147.61	0.20
SUM		36.48	112.60	27.40	175,091,122.00	66,576.00	1.00

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily ma/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Total Daily Flow MGD	Peter Cooper BOD mg/l	Peter Cooper Suspended Solids mg/l	Peter Cooper Phenols mg/l	Peter Cooper TKN mg/l
1 Wed					5681413.00	2640.00	0.0012640				
2 Thu					5684053.00	1884.00	0.001584				
3 Fri					5685937.00	1239.00	0.001239				
4 Sat					5687176.00	1847.00	0.001847				
5 Sun					5689023.00	2673.00	0.002673				
6 Mon		7.19	23.80	5.30	5691696.00	1942.00	0.001942				
7 Tue					5693638.00	1847.00	0.001847				
8 Wed					5695485.00	1221.00	0.001221				
9 Thu					5696706.00	1844.00	0.001844				
10 Fri					5698550.00	1240.00	0.001240				
11 Sat					569790.00	1867.00	0.001867				
12 Sun					5701657.00	1849.00	0.001849				
13 Mon		7.22	22.70	5.40	5703506.00	1269.00	0.001269				
14 Tue					5704775.00	1878.00	0.001878				
15 Wed					5706653.00	1864.00	0.001864				
16 Thu					5708517.00	1822.00	0.001822				
17 Fri					5710339.00	1239.00	0.001239				
18 Sat					571578.00	1837.00	0.001837				
19 Sun					5713415.00	1206.00	0.001206				
20 Mon		7.19	24.00	3.90	5714621.00	1810.00	0.001810				
21 Tue					5716431.00	1197.00	0.001197				
22 Wed					5717628.00	1205.00	0.001205	16.00	11.60	0.0050	218.00
23 Thu					5718833.00	1193.00	0.001193				
24 Fri					5720026.00	1195.00	0.001195				
25 Sat					5721221.00	1779.00	0.001779				
26 Sun					5723000.00	1185.00	0.001185				
27 Mon		7.20	23.80	4.80	5724185.00	1204.00	0.001204				
28 Tue					5725389.00	1191.00	0.001191				
29 Wed					5726580.00	1190.00	0.001190				
30 Thu					5727770.00	1186.00	0.001186				
31 Fri					5728956.00	1185.00	0.001185				
MIN		7.19	22.70	3.90	569,790.00	1,185.00	0.001185	16.00	11.60	0.0050	218.00
MAX		7.22	24.00	5.40	5,728,956.00	2,673.00	0.002673	16.00	11.60	0.0050	218.00
AVG		7.20	23.58	4.85	5,376,082.16	1,571.87	0.001572	16.00	11.60	0.0050	218.00
SUM		28.80	94.30	19.40	166,658,547.00	48,728.00	0.048728	16.00	11.60	0.0050	218.00

	Daily Com	Peter Cooper Sulfates mg/l	Peter Cooper Sulfides (Lab results) ma/l	Peter Cooper Sulfides (in house results) mg/l	Peter Cooper Amonia mg/l	Peter Cooper BOD Loading Max.200 lb/d lbs/day	Peter Cooper Sus. Solids Load Max.181lb lbs/day	Peter Cooper Phenol Loading Max.78lb/d lbs/day	Peter Cooper Amonia Loading Max. 75lb/d lbs/day	Peter Cooper Vent # 1 O2	Peter Cooper Vent # 1 CO
1 Wed											
2 Thu											
3 Fri											
4 Sat											
5 Sun											
6 Mon				0.20						18.70	0.00
7 Tue											
8 Wed											
9 Thu											
10 Fri											
11 Sat											
12 Sun											
13 Mon				0.20							
14 Tue											
15 Wed											
16 Thu											
17 Fri											
18 Sat											
19 Sun											
20 Mon				0.20							
21 Tue											
22 Wed		337.00	2.00		213.00	0.16	0.12	0.0001	2.14		
23 Thu											
24 Fri											
25 Sat											
26 Sun											
27 Mon				0.20							
28 Tue											
29 Wed											
30 Thu											
31 Fri											
MIN		337.00	2.00	0.20	213.00	0.16	0.12	0.0001	2.14	18.70	0.00
MAX		337.00	2.00	0.20	213.00	0.16	0.12	0.0001	2.14	18.70	0.00
AVG		337.00	2.00	0.20	213.00	0.16	0.12	0.0001	2.14	18.70	0.00
SUM		337.00	2.00	0.80	213.00	0.16	0.12	0.0001	2.14	18.70	0.00

	Daily Con	Peter Cooper Vent # 1 H2S	Peter Cooper Vent # 1 LEL	Peter Cooper Vent # 2 O2	Peter Cooper Vent # 2 CO	Peter Cooper Vent # 2 H2S	Peter Cooper Vent # 2 LEL	Peter Cooper Vent # 3 O2	Peter Cooper Vent # 3 CO	Peter Cooper Vent # 3 H2S	Peter Cooper Vent # 3 LEL
1 Wed											
2 Thu											
3 Fri											
4 Sat											
5 Sun											
6 Mon											
7 Tue		0.00	64.00	4.80	253.00	35.00	100.00	20.90	0.00	0.00	0.00
8 Wed											
9 Thu											
10 Fri											
11 Sat											
12 Sun											
13 Mon											
14 Tue											
15 Wed											
16 Thu											
17 Fri											
18 Sat											
19 Sun											
20 Mon											
21 Tue											
22 Wed											
23 Thu											
24 Fri											
25 Sat											
26 Sun											
27 Mon											
28 Tue											
29 Wed											
30 Thu											
31 Fri											
MIN		0.00	64.00	4.80	253.00	35.00	100.00	20.90	0.00	0.00	0.00
MAX		0.00	64.00	4.80	253.00	35.00	100.00	20.90	0.00	0.00	0.00
AVG		0.00	64.00	4.80	253.00	35.00	100.00	20.90	0.00	0.00	0.00
SUM		0.00	64.00	4.80	253.00	35.00	100.00	20.90	0.00	0.00	0.00

	Daily Com	Peter Cooper Vent # 4 O2	Peter Cooper Vent # 4 CO	Peter Cooper Vent # 4 H2S	Peter Cooper Vent # 4 LEL	Peter Cooper Vent # 5 O2	Peter Cooper Vent # 5 CO	Peter Cooper Vent # 5 H2S	Peter Cooper Vent # 5 LEL
1 Wed									
2 Thu									
3 Fri									
4 Sat									
5 Sun									
6 Mon									
7 Tue		15.50	0.00	0.00	20.00	19.20	0.00	0.00	43.00
8 Wed									
9 Thu									
10 Fri									
11 Sat									
12 Sun									
13 Mon									
14 Tue									
15 Wed									
16 Thu									
17 Fri									
18 Sat									
19 Sun									
20 Mon									
21 Tue									
22 Wed									
23 Thu									
24 Fri									
25 Sat									
26 Sun									
27 Mon									
28 Tue									
29 Wed									
30 Thu									
31 Fri									
MIN		15.50	0.00	0.00	20.00	19.20	0.00	0.00	43.00
MAX		15.50	0.00	0.00	20.00	19.20	0.00	0.00	43.00
AVG		15.50	0.00	0.00	20.00	19.20	0.00	0.00	43.00
SUM		15.50	0.00	0.00	20.00	19.20	0.00	0.00	43.00

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Sulfides (in house results) mg/l
1 Wed					5681413.00	2640.00	
2 Thu					5684053.00	1884.00	
3 Fri					5685937.00	1239.00	
4 Sat					5687176.00	1847.00	
5 Sun					5689023.00	2673.00	
6 Mon		7.19	23.80	5.30	5691696.00	1942.00	0.20
7 Tue					5693638.00	1847.00	
8 Wed					5695485.00	1221.00	
9 Thu					5696706.00	1844.00	
10 Fri					5698550.00	1240.00	
11 Sat					569790.00	1867.00	
12 Sun					5701657.00	1849.00	
13 Mon		7.22	22.70	5.40	5703506.00	1269.00	0.20
14 Tue					5704775.00	1878.00	
15 Wed					5706653.00	1864.00	
16 Thu					5708517.00	1822.00	
17 Fri					5710339.00	1239.00	
18 Sat					571578.00	1837.00	
19 Sun					5713415.00	1206.00	
20 Mon		7.19	24.00	3.90	5714621.00	1810.00	0.20
21 Tue					5716431.00	1197.00	
22 Wed					5717628.00	1205.00	
23 Thu					5718833.00	1193.00	
24 Fri					5720026.00	1195.00	
25 Sat					5721221.00	1779.00	
26 Sun					5723000.00	1185.00	
27 Mon		7.20	23.80	4.80	5724185.00	1204.00	0.20
28 Tue					5725389.00	1191.00	
29 Wed					5726580.00	1190.00	
30 Thu					5727770.00	1186.00	
31 Fri					5728956.00	1185.00	
MIN		7.19	22.70	3.90	569,790.00	1,185.00	0.20
MAX		7.22	24.00	5.40	5,728,956.00	2,673.00	0.20
AVG		7.20	23.58	4.85	5,376,082.16	1,571.87	0.20
SUM		28.80	94.30	19.40	166,658,547.00	48,728.00	0.80

	Daily Com	Peter Cooper PH Min: 5.0 Max: 10.5 SU	Peter Cooper Temp. Deg. C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Total Daily Flow MGD	Peter Cooper BOD mg/l	Peter Cooper Suspended Solids mg/l	Peter Cooper Phenols mg/l	Peter Cooper TKN mg/l
1 Sat					5730141.00	1182.00	0.001182				
2 Sun					5731323.00	1184.00	0.001184				
3 Mon		7.17	22.60	3.10	5732507.00	1199.00	0.001199				
4 Tue					5733706.00	2068.00	0.002068				
5 Wed					5735774.00	1864.00	0.001864				
6 Thu					5737638.00	1199.00	0.001199				
7 Fri					5738837.00	1186.00	0.001186				
8 Sat					5740023.00	1627.00	0.001627				
9 Sun					5741650.00	1380.00	0.001380				
10 Mon		7.30	20.60	4.50	5743030.00	1193.00	0.001193				
11 Tue					5744223.00	1193.00	0.001193				
12 Wed					5745416.00	1188.00	0.001188				
13 Thu					5746604.00	1219.00	0.001219				
14 Fri					5747823.00	1190.00	0.001190				
15 Sat					5749013.00	1190.00	0.001190				
16 Sun					5750203.00	1189.00	0.001189				
17 Mon		7.35	21.60	3.50	5751392.00	1192.00	0.001192				
18 Tue					5752584.00	1192.00	0.001192				
19 Wed					5753776.00	1810.00	0.001810				
20 Thu					5755586.00	1189.00	0.001189				
21 Fri					5756775.00	1199.00	0.001199				
22 Sat					5757974.00	2317.00	0.002317				
23 Sun					5760291.00	2142.00	0.002142				
24 Mon		7.16	18.80	3.20	5762433.00	1369.00	0.001369				
25 Tue					5763802.00	1196.00	0.001196				
26 Wed					5764998.00	1185.00	0.001185				
27 Thu					5766183.00	1188.00	0.001188				
28 Fri					5767371.00	1192.00	0.001192				
29 Sat					5768563.00	1185.00	0.001185				
30 Sun					5769748.00	1238.00	0.001238				
MIN		7.16	18.80	3.10	5,730,141.00	1,182.00	0.001182	-	-	-	-
MAX		7.35	22.60	4.50	5,769,748.00	2,317.00	0.002317	-	-	-	-
AVG		7.25	20.90	3.58	5,749,979.57	1,361.50	0.001362	-	-	-	-
SUM		28.98	83.60	14.30	172,499,387.00	40,845.00	0.040845	-	-	-	-

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper Sulfates mg/l	Peter Cooper Sulfides (Lab results) mg/l	Peter Cooper Sulfides (in house results) mg/l	Peter Cooper Amonia mg/l	Peter Cooper BOD Loading Max.200 lb/d lbs/day	Peter Cooper Sus. Solids Load Max.181lb lbs/day	Peter Cooper Phenol Loading Max..78lb/d lbs/day	Peter Cooper Amonia Loading Max. 75lb/d lbs/day	Peter Cooper Vent # 1 O2	Peter Cooper Vent # 1 CO
1 Sat											
2 Sun											
3 Mon				0.20							
4 Tue											
5 Wed											
6 Thu											
7 Fri											
8 Sat											
9 Sun											
10 Mon				0.20							
11 Tue											
12 Wed											
13 Thu											
14 Fri											
15 Sat											
16 Sun											
17 Mon				0.20							
18 Tue											
19 Wed										17.10	0.00
20 Thu											
21 Fri											
22 Sat											
23 Sun											
24 Mon				0.20							
25 Tue											
26 Wed											
27 Thu											
28 Fri											
29 Sat											
30 Sun											
MIN		-	-	0.20	-	-	-	-	-	17.10	0.00
MAX		-	-	0.20	-	-	-	-	-	17.10	0.00
AVG		-	-	0.20	-	-	-	-	-	17.10	0.00
SUM		-	-	0.80	-	-	-	-	-	17.10	0.00

	Daily Con	Peter Cooper Vent # 1 H2S	Peter Cooper Vent # 1 LEL	Peter Cooper Vent # 2 O2	Peter Cooper Vent # 2 CO	Peter Cooper Vent # 2 H2S	Peter Cooper Vent # 2 LEL	Peter Cooper Vent # 3 O2	Peter Cooper Vent # 3 CO	Peter Cooper Vent # 3 H2S	Peter Cooper Vent # 3 LEL
1 Sat											
2 Sun											
3 Mon											
4 Tue											
5 Wed											
6 Thu											
7 Fri											
8 Sat											
9 Sun											
10 Mon											
11 Tue											
12 Wed											
13 Thu											
14 Fri											
15 Sat											
16 Sun											
17 Mon											
18 Tue		0.00	57.00	11.80	78.00	0.00	100.00	20.90	0.00	0.00	0.00
19 Wed											
20 Thu											
21 Fri											
22 Sat											
23 Sun											
24 Mon											
25 Tue											
26 Wed											
27 Thu											
28 Fri											
29 Sat											
30 Sun											
MIN		0.00	57.00	11.80	78.00	0.00	100.00	20.90	0.00	0.00	0.00
MAX		0.00	57.00	11.80	78.00	0.00	100.00	20.90	0.00	0.00	0.00
AVG		0.00	57.00	11.80	78.00	0.00	100.00	20.90	0.00	0.00	0.00
SUM		0.00	57.00	11.80	78.00	0.00	100.00	20.90	0.00	0.00	0.00

	Daily Con	Peter Cooper Vent # 4 O2	Peter Cooper Vent # 4 CO	Peter Cooper Vent # 4 H2S	Peter Cooper Vent # 4 LEL	Peter Cooper Vent # 5 O2	Peter Cooper Vent # 5 CO	Peter Cooper Vent # 5 H2S	Peter Cooper Vent # 5 LEL
1 Sat									
2 Sun									
3 Mon									
4 Tue									
5 Wed									
6 Thu									
7 Fri									
8 Sat									
9 Sun									
10 Mon									
11 Tue									
12 Wed									
13 Thu									
14 Fri									
15 Sat									
16 Sun									
17 Mon									
18 Tue									
19 Wed		17.80	0.00	0.00	8.00	20.90	0.00	0.00	0.00
20 Thu									
21 Fri									
22 Sat									
23 Sun									
24 Mon									
25 Tue									
26 Wed									
27 Thu									
28 Fri									
29 Sat									
30 Sun									
MIN		17.80	0.00	0.00	8.00	20.90	0.00	0.00	0.00
MAX		17.80	0.00	0.00	8.00	20.90	0.00	0.00	0.00
AVG		17.80	0.00	0.00	8.00	20.90	0.00	0.00	0.00
SUM		17.80	0.00	0.00	8.00	20.90	0.00	0.00	0.00

	Daily Con	Peter Cooper PH Min: 5.0 Max: 10.5 SU	Peter Cooper Temp. Deg.C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Sulfides (in house results) mg/l
1 Sat					5730141.00	1182.00	
2 Sun					5731323.00	1184.00	
3 Mon		7.17	22.60	3.10	5732507.00	1199.00	0.20
4 Tue					5733706.00	2068.00	
5 Wed					5735774.00	1864.00	
6 Thu					5737638.00	1199.00	
7 Fri					5738837.00	1186.00	
8 Sat					5740023.00	1627.00	
9 Sun					5741650.00	1380.00	
10 Mon		7.30	20.60	4.50	5743030.00	1193.00	0.20
11 Tue					5744223.00	1193.00	
12 Wed					5745416.00	1188.00	
13 Thu					5746604.00	1219.00	
14 Fri					5747823.00	1190.00	
15 Sat					5749013.00	1190.00	
16 Sun					5750203.00	1189.00	
17 Mon		7.35	21.60	3.50	5751392.00	1192.00	0.20
18 Tue					5752584.00	1192.00	
19 Wed					5753776.00	1810.00	
20 Thu					5755586.00	1189.00	
21 Fri					5756775.00	1199.00	
22 Sat					5757974.00	2317.00	
23 Sun					5760291.00	2142.00	
24 Mon		7.16	18.80	3.20	5762433.00	1369.00	0.20
25 Tue					5763802.00	1196.00	
26 Wed					5764998.00	1185.00	
27 Thu					5766183.00	1188.00	
28 Fri					5767371.00	1192.00	
29 Sat					5768563.00	1185.00	
30 Sun					5769748.00	1238.00	
MIN		7.16	18.80	3.10	5,730,141.00	1,182.00	0.20
MAX		7.35	22.60	4.50	5,769,748.00	2,317.00	0.20
AVG		7.25	20.90	3.58	5,749,979.57	1,361.50	0.20
SUM		28.98	83.60	14.30	172,499,387.00	40,845.00	0.80

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily	Peter Cooper Daily Flow Meter Reading	Peter Cooper Total Daily Flow gpd	Peter Cooper Total Daily Flow MGD	Peter Cooper BOD mg/l	Peter Cooper Suspended Solids ma/l	Peter Cooper Phenols mg/l	Peter Cooper TKN mg/l
1 Mon		7.24	19.80	3.20	5770986.00	1131.00	0.001131				
2 Tue					5772117.00	1184.00	0.001184				
3 Wed					5773301.00	1641.00	0.001641				
4 Thu					5774942.00	1234.00	0.001234				
5 Fri					5776176.00	1024.00	0.001024				
6 Sat					5777200.00	2608.00	0.002608				
7 Sun					5779808.00	1960.00	0.001960				
8 Mon		7.09	17.00	3.50	5781768.00	1873.00	0.001873				
9 Tue					5783641.00	1217.00	0.001217				
10 Wed					5784858.00	1204.00	0.001204				
11 Thu					5786062.00	1569.00	0.001569				
12 Fri					5787631.00	1497.00	0.001497				
13 Sat					5789128.00	1209.00	0.001209				
14 Sun					5790337.00	1318.00	0.001318				
15 Mon		7.24	19.70	5.20	5791655.00	1713.00	0.001713				
16 Tue					5793368.00	1208.00	0.001208				
17 Wed					5794576.00	1195.00	0.001195				
18 Thu					5795771.00	2734.00	0.002734				
19 Fri					5798505.00	2626.00	0.002626				
20 Sat					5801131.00	2570.00	0.002570				
21 Sun					5803701.00	2526.00	0.002526				
22 Mon		7.18	18.80	4.60	5806227.00	1916.00	0.001916				
23 Tue					5808143.00	9997.00	0.009997				
24 Wed					5818140.00	13107.00	0.013107				
25 Thu					5831247.00	6535.00	0.006535				
26 Fri					5837782.00	4138.00	0.004138				
27 Sat					5841920.00	8543.00	0.008543				
28 Sun					5850463.00	13608.00	0.013608				
29 Mon		7.17	14.20	4.80	5864071.00	14194.00	0.014194				
30 Tue					5878265.00	14441.00	0.014441				
31 Wed					5892706.00	13676.00	0.013676				
MIN		7.09	14.20	3.20	5,770,986.00	1,024.00	0.001024	-	-	-	-
MAX		7.24	19.80	5.20	5,892,706.00	14,441.00	0.014441	-	-	-	-
AVG		7.18	17.90	4.26	5,804,375.03	4,367.61	0.004368	-	-	-	-
SUM		35.92	89.50	21.30	179,935,626.00	135,396.00	0.135396	-	-	-	-

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper Sulfates mg/l	Peter Cooper Sulfides (Lab results) mg/l	Peter Cooper Sulfides (in house results) ma/l	Peter Cooper Amonia mg/l	Peter Cooper BOD Loading Max.200 lb/d lbs/dav	Peter Cooper Sus. Solids Load Max.181lb lbs/dav	Peter Cooper Phenol Loading Max. 78lb/d lbs/dav	Peter Cooper Amonia Loading Max. 75lb/d lbs/dav	Peter Cooper Vent # 1 O2	Peter Cooper Vent # 1 CO
1 Mon				0.20							
2 Tue											
3 Wed											
4 Thu											
5 Fri											
6 Sat											
7 Sun											
8 Mon				0.20							
9 Tue											
10 Wed											
11 Thu											
12 Fri											
13 Sat											
14 Sun											
15 Mon				0.20							
16 Tue											
17 Wed											
18 Thu										16.40	0.00
19 Fri											
20 Sat											
21 Sun											
22 Mon				0.20							
23 Tue											
24 Wed											
25 Thu											
26 Fri											
27 Sat											
28 Sun											
29 Mon				0.20							
30 Tue											
31 Wed											
MIN		-	-	0.20	-	-	-	-	-	16.40	0.00
MAX		-	-	0.20	-	-	-	-	-	16.40	0.00
AVG		-	-	0.20	-	-	-	-	-	16.40	0.00
SUM		-	-	1.00	-	-	-	-	-	16.40	0.00

October 2012

Peter Cooper Landfill Monthly Report

	Daily Con	Pete Ve Peter Cooper Vent # 1 H2S	Peter Cooper Vent # 1 LEL	Peter Cooper Vent # 2 O2	Peter Cooper Vent # 2 CO	Coop 5 C Peter Cooper Vent # 2 H2S	Peter Cooper Vent # 2 LEL	Peter Cooper Vent # 3 O2	Peter Cooper Vent # 3 CO	Peter Cooper Vent # 3 H2S	Peter Cooper Vent # 3 LEL
1 Mon											
2 Tue											
3 Wed											
4 Thu											
5 Fri											
6 Sat											
7 Sun											
8 Mon											
9 Tue											
10 Wed											
11 Thu											
12 Fri											
13 Sat											
14 Sun											
15 Mon											
16 Tue											
17 Wed											
18 Thu											
19 Fri		0.00	100.00	14.10	192.00	2.80	100.00	20.90	0.00	0.00	0.00
20 Sat											
21 Sun											
22 Mon											
23 Tue											
24 Wed											
25 Thu											
26 Fri											
27 Sat											
28 Sun											
29 Mon											
30 Tue											
31 Wed											
MIN		0.00	100.00	14.10	192.00	2.80	100.00	20.90	0.00	0.00	0.00
MAX		0.00	100.00	14.10	192.00	2.80	100.00	20.90	0.00	0.00	0.00
AVG		0.00	100.00	14.10	192.00	2.80	100.00	20.90	0.00	0.00	0.00
SUM		0.00	100.00	14.10	192.00	2.80	100.00	20.90	0.00	0.00	0.00

	Daily Con	Peter Cooper Vent # 4 O2	Peter Cooper Vent # 4 CO	Peter Cooper Vent # 4 H2S	Peter Cooper Vent # 4 LEL	Peter Cooper Vent # 5 O2	Peter Cooper Vent # 5 CO	Peter Cooper Vent # 5 H2S	Peter Cooper Vent # 5 LEL
1 Mon									
2 Tue									
3 Wed									
4 Thu									
5 Fri									
6 Sat									
7 Sun									
8 Mon									
9 Tue									
10 Wed									
11 Thu									
12 Fri									
13 Sat									
14 Sun									
15 Mon									
16 Tue									
17 Wed									
18 Thu									
19 Fri		17.20	20.00	51.00	93.00	18.60	0.00	0.00	76.00
20 Sat									
21 Sun									
22 Mon									
23 Tue									
24 Wed									
25 Thu									
26 Fri									
27 Sat									
28 Sun									
29 Mon									
30 Tue									
31 Wed									
MIN		17.20	20.00	51.00	93.00	18.60	0.00	0.00	76.00
MAX		17.20	20.00	51.00	93.00	18.60	0.00	0.00	76.00
AVG		17.20	20.00	51.00	93.00	18.60	0.00	0.00	76.00
SUM		17.20	20.00	51.00	93.00	18.60	0.00	0.00	76.00

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Sulfides (in house results) mg/l
1 Mon		7.24	19.80	3.20	5770986.00	1131.00	0.20
2 Tue					5772117.00	1184.00	
3 Wed					5773301.00	1641.00	
4 Thu					5774942.00	1234.00	
5 Fri					5776176.00	1024.00	
6 Sat					5777200.00	2608.00	
7 Sun					5779808.00	1960.00	
8 Mon		7.09	17.00	3.50	5781768.00	1873.00	0.20
9 Tue					5783641.00	1217.00	
10 Wed					5784858.00	1204.00	
11 Thu					5786062.00	1569.00	
12 Fri					5787631.00	1497.00	
13 Sat					5789128.00	1209.00	
14 Sun					5790337.00	1318.00	
15 Mon		7.24	19.70	5.20	5791655.00	1713.00	0.20
16 Tue					5793368.00	1208.00	
17 Wed					5794576.00	1195.00	
18 Thu					5795771.00	2734.00	
19 Fri					5798505.00	2626.00	
20 Sat					5801131.00	2570.00	
21 Sun					5803701.00	2526.00	
22 Mon		7.18	18.80	4.60	5806227.00	1916.00	0.20
23 Tue					5808143.00	9997.00	
24 Wed					5818140.00	13107.00	
25 Thu					5831247.00	6535.00	
26 Fri					5837782.00	4138.00	
27 Sat					5841920.00	8543.00	
28 Sun					5850463.00	13608.00	
29 Mon		7.17	14.20	4.80	5864071.00	14194.00	0.20
30 Tue					5878265.00	14441.00	
31 Wed					5892706.00	13676.00	
MIN		7.09	14.20	3.20	5,770,986.00	1,024.00	0.20
MAX		7.24	19.80	5.20	5,892,706.00	14,441.00	0.20
AVG		7.18	17.90	4.26	5,804,375.03	4,367.61	0.20
SUM		35.92	89.50	21.30	179,935,626.00	135,396.00	1.00

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Total Daily Flow MGD	Peter Cooper BOD mg/l	Peter Cooper Suspended Solids mg/l	Peter Cooper Phenols mg/l	Peter Cooper TKN mg/l
Thu					5906382.00	13526.00	0.00374				
Fri					5919908.00	12949.00	0.00359				
Sat					5932857.00	14904.00	0.00411				
Sun					5947761.00	12701.00	0.00351				
Mon		7.34	15.20	4.80	5960462.00	8761.00	0.00248				
Tue					5969223.00	6490.00	0.00183				
Wed					5975693.00	5424.00	0.00153				
Thu					5981117.00	4706.00	0.00132				
Fri					5985823.00	4127.00	0.00116				
Sat					5989950.00	4042.00	0.00115				
Sun					5993992.00	3915.00	0.00110				
Mon		7.30	16.40	4.60	5997907.00	4997.00	0.00142				
Tue					6002904.00	8681.00	0.00241				
Wed					6611585.00	6355.00	0.00176				
Thu					6017940.00	4504.00	0.00125	10.00	5.00	0.0050	126.00
Fri					6022444.00	4162.00	0.00116				
Sat					6026606.00	4012.00	0.00112				
Sun					6030618.00	3825.00	0.00107				
Mon		7.36	19.10	6.40	6034443.00	3319.00	0.00093				
Tue					6037762.00	3385.00	0.00095				
Wed					6041147.00	2897.00	0.00080				
Thu					6044044.00	2857.00	0.00080				
Fri					6046901.00	2838.00	0.00079				
Sat					6049739.00	2872.00	0.00080				
Sun					6052611.00	3564.00	0.00100				
Mon		7.59	18.10	6.80	6056175.00	2695.00	0.00075				
Tue					6058870.00	2735.00	0.00076				
Wed					6061605.00	2366.00	0.00066				
Thu					6063971.00	2768.00	0.00077				
Fri					6066739.00	2772.00	0.00077				
MIN		7.30	15.20	4.60	5,906,382.00	2,366.00	0.002366	10.00	5.00	0.0050	126.00
MAX		7.59	19.10	6.80	6,611,585.00	14,904.00	0.014904	10.00	5.00	0.0050	126.00
AVG		7.40	17.20	5.65	6,029,572.63	5,438.30	0.005438	10.00	5.00	0.0050	126.00
SUM		29.59	68.80	22.60	180,887,179.00	163,149.00	0.163149	10.00	5.00	0.0050	126.00

November 2012

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper Sulfates mg/l	Peter Cooper Sulfides (Lab results) ma/l	Peter Cooper Sulfides (in house results) ma/l	Peter Cooper Amonia mg/l	Peter Cooper BOD Loading Max.200 lb/d lbs/dav	Peter Cooper Sus. Solids Load Max.181lb lbs/dav	Peter Cooper Phenol Loading Max..78lb/d lbs/dav	Peter Cooper Amonia Loading Max. 75lb/d lbs/dav	Peter Cooper Vent # 1 O2	Peter Cooper Vent # 1 CO
1 Thu											
2 Fri											
3 Sat											
4 Sun											
5 Mon				0.20							
6 Tue											
7 Wed											
8 Thu											
9 Fri											
10 Sat											
11 Sun											
12 Mon				0.20							
13 Tue											
14 Wed											
15 Thu		223.00	2.00		116.00	0.38	0.19	0.0002	4.36		
16 Fri											
17 Sat											
18 Sun											
19 Mon				0.20							
20 Tue										17.90	120.00
21 Wed											
22 Thu											
23 Fri											
24 Sat											
25 Sun											
26 Mon				0.20							
27 Tue											
28 Wed											
29 Thu											
30 Fri											
MIN		223.00	2.00	0.20	116.00	0.38	0.19	0.0002	4.36	17.90	120.00
MAX		223.00	2.00	0.20	116.00	0.38	0.19	0.0002	4.36	17.90	120.00
AVG		223.00	2.00	0.20	116.00	0.38	0.19	0.0002	4.36	17.90	120.00
SUM		223.00	2.00	0.80	116.00	0.38	0.19	0.0002	4.36	17.90	120.00

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper Vent # 1 H2S	Peter Cooper Vent # 1 LEL	Peter Cooper Vent # 2 O2	Peter Cooper Vent # 2 CO	Peter Cooper Vent # 2 H2S	Peter Cooper Vent # 2 LEL	Peter Cooper Vent # 3 O2	Peter Cooper Vent # 3 CO	Peter Cooper Vent # 3 H2S	Peter Cooper Vent # 3 LEL
Thu											
Fri											
Sat											
Sun											
Mon											
Tue											
Wed											
Thu											
Fri											
Sat											
Sun											
Mon											
Tue											
Wed											
Thu											
Fri											
Sat											
Sun											
Mon											
Tue											
Wed		4.00	100.00	2.10	527.00	60.00	100.00	20.90	0.00	16.70	0.00
Thu											
Fri											
Sat											
Sun											
Mon											
Tue											
Wed											
Thu											
Fri											
WIN		4.00	100.00	2.10	527.00	60.00	100.00	20.90	0.00	16.70	0.00
MAX		4.00	100.00	2.10	527.00	60.00	100.00	20.90	0.00	16.70	0.00
AVG		4.00	100.00	2.10	527.00	60.00	100.00	20.90	0.00	16.70	0.00
SUM		4.00	100.00	2.10	527.00	60.00	100.00	20.90	0.00	16.70	0.00

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper Vent # 4 O2	Peter Cooper Vent # 4 CO	Peter Cooper Vent # 4 H2S	Peter Cooper Vent # 4 LEL	Peter Cooper Vent # 5 O2	Peter Cooper Vent # 5 CO	Peter Cooper Vent # 5 H2S	Peter Cooper Vent # 5 LEL
1 Thu									
2 Fri									
3 Sat									
4 Sun									
5 Mon									
6 Tue									
7 Wed									
8 Thu									
9 Fri									
10 Sat									
11 Sun									
12 Mon									
13 Tue									
14 Wed									
15 Thu									
16 Fri									
17 Sat									
18 Sun									
19 Mon									
20 Tue									
21 Wed		4.80	439.00	60.00	100.00	20.60	0.00	0.00	25.00
22 Thu									
23 Fri									
24 Sat									
25 Sun									
26 Mon									
27 Tue									
28 Wed									
29 Thu									
30 Fri									
MIN		4.80	439.00	60.00	100.00	20.60	0.00	0.00	25.00
MAX		4.80	439.00	60.00	100.00	20.60	0.00	0.00	25.00
AVG		4.80	439.00	60.00	100.00	20.60	0.00	0.00	25.00
SUM		4.80	439.00	60.00	100.00	20.60	0.00	0.00	25.00

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Sulfides (in house results) mg/l
1 Thu					5906382.00	13526.00	
2 Fri					5919908.00	12949.00	
3 Sat					5932857.00	14904.00	
4 Sun					5947761.00	12701.00	
5 Mon		7.34	15.20	4.80	5960462.00	8761.00	0.20
6 Tue					5969223.00	6490.00	
7 Wed					5975693.00	5424.00	
8 Thu					5981117.00	4706.00	
9 Fri					5985823.00	4127.00	
10 Sat					5989950.00	4042.00	
11 Sun					5993992.00	3915.00	
12 Mon		7.30	16.40	4.60	5997907.00	4997.00	0.20
13 Tue					6002904.00	8681.00	
14 Wed					6611585.00	6355.00	
15 Thu					6017940.00	4504.00	
16 Fri					6022444.00	4162.00	
17 Sat					6026606.00	4012.00	
18 Sun					6030618.00	3825.00	
19 Mon		7.36	19.10	6.40	6034443.00	3319.00	0.20
20 Tue					6037762.00	3385.00	
21 Wed					6041147.00	2897.00	
22 Thu					6044044.00	2857.00	
23 Fri					6046901.00	2838.00	
24 Sat					6049739.00	2872.00	
25 Sun					6052611.00	3564.00	
26 Mon		7.59	18.10	6.80	6056175.00	2695.00	0.20
27 Tue					6058870.00	2735.00	
28 Wed					6061605.00	2366.00	
29 Thu					6063971.00	2768.00	
30 Fri					6066739.00	2772.00	
MIN		7.30	15.20	4.60	5,906,382.00	2,366.00	0.20
MAX		7.59	19.10	6.80	6,611,585.00	14,904.00	0.20
AVG		7.40	17.20	5.65	6,029,572.63	5,438.30	0.20
SUM		29.59	68.80	22.60	180,887,179.00	163,149.00	0.80

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Total Daily Flow MGD	Peter Cooper BOD mg/l	Peter Cooper Suspended Solids ma/l	Peter Cooper Phenols mg/l	Peter Cooper TKN mg/l
Sat					6069511.00	2768.00	0.002768				
Sun					6072279.00	4988.00	0.004988				
Mon		7.32	13.30	6.10	6077267.00	6187.00	0.006187				
Tue					6083454.00	9506.00	0.009506				
Wed					6092960.00	13985.00	0.013985				
Thu					6106945.00	13733.00	0.013733				
Fri					6120678.00	11670.00	0.011670				
Sat					6132348.00	11690.00	0.011690				
Sun					6144038.00	11472.00	0.011472				
10 Mon		7.38	14.40	6.70	6155510.00	13744.00	0.013744				
11 Tue					6169254.00	14186.00	0.014186				
12 Wed					6183440.00	13796.00	0.013796				
13 Thu					6197236.00	13487.00	0.013487				
14 Fri					6210723.00	8948.00	0.008948				
15 Sat					6219671.00	6189.00	0.006189				
16 Sun					6225860.00	6298.00	0.006298				
17 Mon		7.28	16.20	6.50	6232158.00	7577.00	0.007577				
18 Tue					6239735.00	14471.00	0.014471				
19 Wed					6254206.00	14724.00	0.014724				
20 Thu					6268930.00	14448.00	0.014448				
21 Fri					6283378.00	13834.00	0.013834				
22 Sat					6297212.00	14438.00	0.014438				
23 Sun					6311650.00	14691.00	0.014691				
24 Mon		7.44	11.80	5.50	6326341.00	9889.00	0.009889				
25 Tue					6336230.00	8899.00	0.008899				
26 Wed					6345129.00	7566.00	0.007566				
27 Thu					6352695.00	6066.00	0.006066				
28 Fri					6358761.00	7474.00	0.007474				
29 Sat					6366205.00	6670.00	0.006670				
30 Sun					6372875.00	6760.00	0.006760				
31 Mon		7.30	10.00	6.10	6379635.00	6429.00	0.006429				
MIN		7.28	10.00	5.50	6,069,511.00	2,768.00	0.002768	-	-	-	-
MAX		7.44	16.20	6.70	6,379,635.00	14,724.00	0.014724	-	-	-	-
AVG		7.34	13.14	6.18	6,225,364.97	10,212.35	0.010212	-	-	-	-
SUM		36.72	65.70	30.90	192,986,314.00	316,583.00	0.316583	-	-	-	-

December 2012

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper Sulfates mg/l	Peter Cooper Sulfides (Lab results) mg/l	Peter Cooper Sulfides (in house results) mg/l	Peter Cooper Amonia mg/l	Peter Cooper BOD Loading Max.200 lb/d lbs/day	Peter Cooper Sus. Solids Load Max.181lb lbs/day	Peter Cooper Phenol Loading Max.78lb/d lbs/day	Peter Cooper Amonia Loading Max. 75lb/d lbs/day	Peter Cooper Vent # 1 O2 16.30	Peter Cooper Vent # 1 CO 351.00
1 Sat											
2 Sun											
3 Mon				0.20							
4 Tue										16.30	351.00
5 Wed											
6 Thu											
7 Fri											
8 Sat											
9 Sun											
10 Mon				0.20							
11 Tue											
12 Wed											
13 Thu											
14 Fri											
15 Sat											
16 Sun											
17 Mon				0.20							
18 Tue											
19 Wed											
20 Thu											
21 Fri											
22 Sat											
23 Sun											
24 Mon				0.20							
25 Tue											
26 Wed											
27 Thu											
28 Fri											
29 Sat											
30 Sun											
31 Mon				0.20							
MIN		-	-	0.20	-	-	-	-	-	16.30	351.00
MAX		-	-	0.20	-	-	-	-	-	16.30	351.00
AVG		-	-	0.20	-	-	-	-	-	16.30	351.00
SUM		-	-	1.00	-	-	-	-	-	16.30	351.00

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper Vent # 1 H2S	Peter Cooper Vent # 1 LEL	Peter Cooper Vent # 2 O2	Peter Cooper Vent # 2 CO	Peter Cooper Vent # 2 H2S	Peter Cooper Vent # 2 LEL	Peter Cooper Vent # 3 O2	Peter Cooper Vent # 3 CO	Peter Cooper Vent # 3 H2S	Peter Cooper Vent # 3 LEL
1 Sat											
2 Sun											
3 Mon											
4 Tue		5.60	100.00	17.60	0.00	4.50	100.00	20.90	0.00	0.00	0.00
5 Wed											
6 Thu											
7 Fri											
8 Sat											
9 Sun											
10 Mon											
11 Tue											
12 Wed											
13 Thu											
14 Fri											
15 Sat											
16 Sun											
17 Mon											
18 Tue											
19 Wed											
20 Thu											
21 Fri											
22 Sat											
23 Sun											
24 Mon											
25 Tue											
26 Wed											
27 Thu											
28 Fri											
29 Sat											
30 Sun											
31 Mon											
MIN		5.60	100.00	17.60	0.00	4.50	100.00	20.90	0.00	0.00	0.00
MAX		5.60	100.00	17.60	0.00	4.50	100.00	20.90	0.00	0.00	0.00
AVG		5.60	100.00	17.60	0.00	4.50	100.00	20.90	0.00	0.00	0.00
SUM		5.60	100.00	17.60	0.00	4.50	100.00	20.90	0.00	0.00	0.00

	Daily Com	Peter Cooper Vent # 4 O2	Peter Cooper Vent # 4 CO	Peter Cooper Vent # 4 H2S	Peter Cooper Vent # 4 LEL	Peter Cooper Vent # 5 O2	Peter Cooper Vent # 5 CO	Peter Cooper Vent # 5 H2S	Peter Cooper Vent # 5 LEL
1 Sat									
2 Sun									
3 Mon									
4 Tue		15.50	213.00	60.00	100.00	20.90	0.00	0.00	11.00
5 Wed									
6 Thu									
7 Fri									
8 Sat									
9 Sun									
10 Mon									
11 Tue									
12 Wed									
13 Thu									
14 Fri									
15 Sat									
16 Sun									
17 Mon									
18 Tue									
19 Wed									
20 Thu									
21 Fri									
22 Sat									
23 Sun									
24 Mon									
25 Tue									
26 Wed									
27 Thu									
28 Fri									
29 Sat									
30 Sun									
31 Mon									
MIN		15.50	213.00	60.00	100.00	20.90	0.00	0.00	11.00
MAX		15.50	213.00	60.00	100.00	20.90	0.00	0.00	11.00
AVG		15.50	213.00	60.00	100.00	20.90	0.00	0.00	11.00
SUM		15.50	213.00	60.00	100.00	20.90	0.00	0.00	11.00

Peter Cooper Daily/Weekly Data Bench Sheet

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Sulfides (in house results) mg/l
1 Sat					6069511.00	2768.00	
2 Sun					6072279.00	4988.00	
3 Mon		7.32	13.30	6.10	6077267.00	6187.00	0.20
4 Tue					6083454.00	9506.00	
5 Wed					6092960.00	13985.00	
6 Thu					6106945.00	13733.00	
7 Fri					6120678.00	11670.00	
8 Sat					6132348.00	11690.00	
9 Sun					6144038.00	11472.00	
10 Mon		7.38	14.40	6.70	6155510.00	13744.00	0.20
11 Tue					6169254.00	14186.00	
12 Wed					6183440.00	13796.00	
13 Thu					6197236.00	13487.00	
14 Fri					6210723.00	8948.00	
15 Sat					6219671.00	6189.00	
16 Sun					6225860.00	6298.00	
17 Mon		7.28	16.20	6.50	6232158.00	7577.00	0.20
18 Tue					6239735.00	14471.00	
19 Wed					6254206.00	14724.00	
20 Thu					6268930.00	14448.00	
21 Fri					6283378.00	13834.00	
22 Sat					6297212.00	14438.00	
23 Sun					6311650.00	14691.00	
24 Mon		7.44	11.80	5.50	6326341.00	9889.00	0.20
25 Tue					6336230.00	8899.00	
26 Wed					6345129.00	7566.00	
27 Thu					6352695.00	6066.00	
28 Fri					6358761.00	7474.00	
29 Sat					6366205.00	6670.00	
30 Sun					6372875.00	6760.00	
31 Mon		7.30	10.00	6.10	6379635.00	6429.00	0.20
MIN		7.28	10.00	5.50	6,069,511.00	2,768.00	0.20
MAX		7.44	16.20	6.70	6,379,635.00	14,724.00	0.20
AVG		7.34	13.14	6.18	6,225,364.97	10,212.35	0.20
SUM		36.72	65.70	30.90	192,986,314.00	316,583.00	1.00

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min: 2.0 Daily ma/l	Peter Cooper Daily Flow Meter Reading apd	Peter Cooper Total Daily Flow gpd	Peter Cooper Total Daily Flow MGD	Peter Cooper BOD mg/l	Peter Cooper Suspended Solids ma/l	Peter Cooper Phenols mg/l	Peter Cooper TKN mg/l
1 Tue		7.26	10.80	5.70	6386064.00	6585.00	0.006585				
2 Wed					6392649.00						
3 Thu											
4 Fri											
5 Sat											
6 Sun											
7 Mon		7.34	12.00	6.80	6420683.00	28034.00	0.028034				
8 Tue											
9 Wed											
10 Thu											
11 Fri											
12 Sat											
13 Sun											
14 Mon		7.32	10.40	5.30	6485875.00	65192.00	0.065192				
15 Tue											
16 Wed											
17 Thu											
18 Fri											
19 Sat											
20 Sun											
21 Mon		7.36	11.90	7.50	6564471.00	78596.00	0.078596				
22 Tue											
23 Wed											
24 Thu											
25 Fri											
26 Sat											
27 Sun											
28 Mon		7.05	10.90	6.80	6597943.00	33472.00	0.033472				
29 Tue											
30 Wed											
31 Thu					6626314.00	28371.00	0.028371				
MIN		7.05	10.40	5.30	6,386,064.00	6,585.00	0.006585	-	-	-	-
MAX		7.36	12.00	7.50	6,626,314.00	78,596.00	0.078596	-	-	-	-
AVG		7.27	11.20	6.42	6,496,285.57	40,041.67	0.040042	-	-	-	-
SUM		36.33	56.00	32.10	45,473,999.00	240,250.00	0.240250	-	-	-	-

	Daily Com	Peter Cooper Sulfates mg/l	Peter Cooper Sulfides (Lab results) mg/l	Peter Cooper Sulfides (in house results) mg/l	Peter Cooper Amonia mg/l	Peter Cooper BOD Loading Max.200 lb/d lbs/day	Peter Cooper Sus. Solids Load Max.181lb lbs/day	Peter Cooper Phenol Loading Max..78lb/d lbs/day	Peter Cooper Amonia Loading Max. 75lb/d lbs/day	Peter Cooper Vent # 1 O2	Peter Cooper Vent # 1 CO
1 Tue											
2 Wed											
3 Thu											
4 Fri											
5 Sat											
6 Sun											
7 Mon											
8 Tue											
9 Wed											
10 Thu											
11 Fri											
12 Sat											
13 Sun											
14 Mon											
15 Tue											
16 Wed											
17 Thu										20.90	0.00
18 Fri											
19 Sat											
20 Sun											
21 Mon											
22 Tue											
23 Wed											
24 Thu											
25 Fri											
26 Sat											
27 Sun											
28 Mon											
29 Tue											
30 Wed											
31 Thu											
MIN		-	-	-	-	-	-	-	-	20.90	0.00
MAX		-	-	-	-	-	-	-	-	20.90	0.00
AVG		-	-	-	-	-	-	-	-	20.90	0.00
SUM		-	-	-	-	-	-	-	-	20.90	0.00

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper Vent # 1 H2S	Peter Cooper Vent # 1 LEL	Peter Cooper Vent # 2 O2	Peter Cooper Vent # 2 CO	Peter Cooper Vent # 2 H2S	Peter Cooper Vent # 2 LEL	Peter Cooper Vent # 3 O2	Peter Cooper Vent # 3 CO	Peter Cooper Vent # 3 H2S	Peter Cooper Vent # 3 LEL
1 Tue											
2 Wed											
3 Thu											
4 Fri											
5 Sat											
6 Sun											
7 Mon											
8 Tue											
9 Wed											
10 Thu											
11 Fri											
12 Sat											
13 Sun											
14 Mon											
15 Tue											
16 Wed											
17 Thu		0.00	0.00	19.40	0.00	0.00	100.00	20.90	0.00	0.00	0.00
18 Fri											
19 Sat											
20 Sun											
21 Mon											
22 Tue											
23 Wed											
24 Thu											
25 Fri											
26 Sat											
27 Sun											
28 Mon											
29 Tue											
30 Wed											
31 Thu											
MIN		0.00	0.00	19.40	0.00	0.00	100.00	20.90	0.00	0.00	0.00
MAX		0.00	0.00	19.40	0.00	0.00	100.00	20.90	0.00	0.00	0.00
AVG		0.00	0.00	19.40	0.00	0.00	100.00	20.90	0.00	0.00	0.00
SUM		0.00	0.00	19.40	0.00	0.00	100.00	20.90	0.00	0.00	0.00

January 2013

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper Vent # 4 O2	Peter Cooper Vent # 4 CO	Peter Cooper Vent # 4 H2S	Peter Cooper Vent # 4 LEL	Peter Cooper Vent # 5 O2	Peter Cooper Vent # 5 CO	Peter Cooper Vent # 5 H2S	Peter Cooper Vent # 5 LEL
1 Tue									
2 Wed									
3 Thu									
4 Fri									
5 Sat									
6 Sun									
7 Mon									
8 Tue									
9 Wed									
10 Thu									
11 Fri									
12 Sat									
13 Sun									
14 Mon									
15 Tue									
16 Wed									
17 Thu		19.20	0.00	59.00	86.00	20.60	0.00	0.00	0.00
18 Fri									
19 Sat									
20 Sun									
21 Mon									
22 Tue									
23 Wed									
24 Thu									
25 Fri									
26 Sat									
27 Sun									
28 Mon									
29 Tue									
30 Wed									
31 Thu									
MIN		19.20	0.00	59.00	86.00	20.60	0.00	0.00	0.00
MAX		19.20	0.00	59.00	86.00	20.60	0.00	0.00	0.00
AVG		19.20	0.00	59.00	86.00	20.60	0.00	0.00	0.00
SUM		19.20	0.00	59.00	86.00	20.60	0.00	0.00	0.00

January 2013

Peter Cooper Daily/Weekly Data Bench Sheet

	Daily Con	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Sulfides (in house results) mg/l
1 Tue		7.26	10.80	5.70	6386064.00	6585.00	
2 Wed					6392649.00		
3 Thu							
4 Fri							
5 Sat							
6 Sun							
7 Mon		7.34	12.00	6.80	6420683.00	28034.00	
8 Tue							
9 Wed							
10 Thu							
11 Fri							
12 Sat							
13 Sun							
14 Mon		7.32	10.40	5.30	6485875.00	65192.00	
15 Tue							
16 Wed							
17 Thu							
18 Fri							
19 Sat							
20 Sun							
21 Mon		7.36	11.90	7.50	6564471.00	78596.00	
22 Tue							
23 Wed							
24 Thu							
25 Fri							
26 Sat							
27 Sun							
28 Mon		7.05	10.90	6.80	6597943.00	33472.00	
29 Tue							
30 Wed							
31 Thu					6626314.00	28371.00	
MIN		7.05	10.40	5.30	6,386,064.00	6,585.00	-
MAX		7.36	12.00	7.50	6,626,314.00	78,596.00	-
AVG		7.27	11.20	6.42	6,496,285.57	40,041.67	-
SUM		36.33	56.00	32.10	45,473,999.00	240,250.00	-

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Total Daily Flow MGD	Peter Cooper BOD mg/l	Peter Cooper Suspended Solids mg/l	Peter Cooper Phenols mg/l	Peter Cooper TKN mg/l
1 Fri					6636803.00	10489.00	0.010489				
2 Sat											
3 Sun											
4 Mon		7.25	10.50	3.60	6667541.00	30738.00	0.003074				
5 Tue											
6 Wed											
7 Thu											
8 Fri											
9 Sat											
10 Sun											
11 Mon		7.11	11.40	5.40	6735835.00	68294.00	0.006829				
12 Tue								4.00	5.00		
13 Wed											
14 Thu											
15 Fri											
16 Sat											
17 Sun											
18 Mon											
19 Tue		7.30	12.80	7.30	6809759.00	73924.00	0.007392				
20 Wed											
21 Thu											
22 Fri											
23 Sat											
24 Sun											
25 Mon		7.44	11.70	6.20	6854221.00	44462.00	0.004446				
26 Tue											
27 Wed											
28 Thu					6867814.00	13593.00	0.013593				
MIN		7.11	10.50	3.60	6,636,803.00	10,489.00	0.010489	4.00	5.00	-	-
MAX		7.44	12.80	7.30	6,867,814.00	73,924.00	0.073924	4.00	5.00	-	-
AVG		7.28	11.60	5.63	6,761,995.50	40,250.00	0.040250	4.00	5.00	-	-
SUM		29.10	46.40	22.50	40,571,973.00	241,500.00	0.241500	4.00	5.00	-	-

February 2013

Peter Cooper Daily/Weekly Data Bench Sheet

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Sulfides (in house results) mg/l
1 Fri					6636803.00	10489.00	
2 Sat							
3 Sun							
4 Mon		7.25	10.50	3.60	6667541.00	30738.00	
5 Tue							
6 Wed							
7 Thu							
8 Fri							
9 Sat							
10 Sun							
11 Mon		7.11	11.40	5.40	6735835.00	68294.00	
12 Tue							
13 Wed							
14 Thu							
15 Fri							
16 Sat							
17 Sun							
18 Mon							
19 Tue		7.30	12.80	7.30	6809759.00	73924.00	
20 Wed							
21 Thu							
22 Fri							
23 Sat							
24 Sun							
25 Mon		7.44	11.70	6.20	6854221.00	44462.00	
26 Tue							
27 Wed							
28 Thu					6867814.00	13593.00	
MIN		7.11	10.50	3.60	6,636,803.00	10,489.00	-
MAX		7.44	12.80	7.30	6,867,814.00	73,924.00	-
AVG		7.28	11.60	5.63	6,761,995.50	40,250.00	-
SUM		29.10	46.40	22.50	40,571,973.00	241,500.00	-

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily ma/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Total Daily Flow MGD	Peter Cooper BOD mg/l	Peter Cooper Suspended Solids ma/l	Peter Cooper Phenols mg/l	Peter Cooper TKN mg/l
1 Fri					6878180.00	10366.00	0.010366				
2 Sat											
3 Sun											
4 Mon		7.27	10.70	4.10	6909120.00	30940.00	0.030940				
5 Tue											
6 Wed											
7 Thu											
8 Fri											
9 Sat											
10 Sun											
11 Mon		7.19	10.60	6.20	6969923.00	60803.00	0.060803				
12 Tue											
13 Wed											
14 Thu											
15 Fri											
16 Sat											
17 Sun											
18 Mon		7.39	10.90	5.10	7043209.00	73286.00	0.073286				
19 Tue											
20 Wed											
21 Thu											
22 Fri											
23 Sat											
24 Sun											
25 Mon		7.29	11.20	5.40	7104000.00	60791.00	0.060791				
26 Tue											
27 Wed											
28 Thu											
29 Fri											
30 Sat											
31 Sun					7160216.00	56216.00	0.056216				
MIN		7.19	10.60	4.10	6,878,180.00	10,366.00	0.010366	-	-	-	-
MAX		7.39	11.20	6.20	7,160,216.00	73,286.00	0.073286	-	-	-	-
AVG		7.29	10.85	5.20	7,010,774.67	48,733.67	0.048734	-	-	-	-
SUM		29.14	43.40	20.80	42,064,648.00	292,402.00	0.292402	-	-	-	-

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Sulfides (in house results) mg/l
1 Fri					6878180.00	10366.00	
2 Sat							
3 Sun							
4 Mon		7.27	10.70	4.10	6909120.00	30940.00	
5 Tue							
6 Wed							
7 Thu							
8 Fri							
9 Sat							
10 Sun							
11 Mon		7.19	10.60	6.20	6969923.00	60803.00	
12 Tue							
13 Wed							
14 Thu							
15 Fri							
16 Sat							
17 Sun							
18 Mon		7.39	10.90	5.10	7043209.00	73286.00	
19 Tue							
20 Wed							
21 Thu							
22 Fri							
23 Sat							
24 Sun							
25 Mon		7.29	11.20	5.40	7104000.00	60791.00	
26 Tue							
27 Wed							
28 Thu							
29 Fri							
30 Sat							
31 Sun					7160216.00	56216.00	
MIN		7.19	10.60	4.10	6,878,180.00	10,366.00	
MAX		7.39	11.20	6.20	7,160,216.00	73,286.00	
AVG		7.29	10.85	5.20	7,010,774.67	48,733.67	
SUM		29.14	43.40	20.80	42,064,648.00	292,402.00	

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Total Daily Flow MGD	Peter Cooper BOD mg/l	Peter Cooper Suspended Solids mg/l	Peter Cooper Phenols mg/l	Peter Cooper TKN mg/l
1 Mon		7.28	11.00	5.60	7171200.00	10984.00	0.010984				
2 Tue											
3 Wed											
4 Thu											
5 Fri											
6 Sat											
7 Sun											
8 Mon		7.49	14.70	5.80	7241937.00	70737.00	0.070737				
9 Tue											
10 Wed											
11 Thu											
12 Fri											
13 Sat											
14 Sun											
15 Mon		7.55	10.90	5.60	7312343.00	70406.00	0.070406				
16 Tue											
17 Wed											
18 Thu											
19 Fri											
20 Sat											
21 Sun											
22 Mon		7.26	14.40	4.20	7380173.00	67830.00	0.067830				
23 Tue											
24 Wed											
25 Thu											
26 Fri											
27 Sat											
28 Sun											
29 Mon		7.30	15.80	5.80	7436989.00	56816.00	0.056816				
30 Tue					7443133.00	6144.00	0.006144				
MIN		7.26	10.90	4.20	7,171,200.00	6,144.00	0.006144	-	-	-	-
MAX		7.55	15.80	5.80	7,443,133.00	70,737.00	0.070737	-	-	-	-
AVG		7.38	13.36	5.40	7,330,962.50	47,152.83	0.047153	-	-	-	-
SUM		36.88	66.80	27.00	43,985,775.00	282,917.00	0.282917	-	-	-	-

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Sulfides (in house results) mg/l
1 Mon		7.28	11.00	5.60	7171200.00	10984.00	
2 Tue							
3 Wed							
4 Thu							
5 Fri							
6 Sat							
7 Sun							
8 Mon		7.49	14.70	5.80	7241937.00	70737.00	
9 Tue							
10 Wed							
11 Thu							
12 Fri							
13 Sat							
14 Sun							
15 Mon		7.55	10.90	5.60	7312343.00	70406.00	
16 Tue							
17 Wed							
18 Thu							
19 Fri							
20 Sat							
21 Sun							
22 Mon		7.26	14.40	4.20	7380173.00	67830.00	
23 Tue							
24 Wed							
25 Thu							
26 Fri							
27 Sat							
28 Sun							
29 Mon		7.30	15.80	5.80	7436989.00	56816.00	
30 Tue					7443133.00	6144.00	
MIN		7.26	10.90	4.20	7,171,200.00	6,144.00	
MAX		7.55	15.80	5.80	7,443,133.00	70,737.00	
AVG		7.38	13.36	5.40	7,330,962.50	47,152.83	
SUM		36.88	66.80	27.00	43,985,775.00	282,917.00	

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Total Daily Flow MGD	Peter Cooper BOD mg/l	Peter Cooper Suspended Solids mg/l	Peter Cooper Phenols mg/l	Peter Cooper TKN mg/l
1 Wed					7448879.00	5746.00	0.005746				
2 Thu											
3 Fri											
4 Sat											
5 Sun											
6 Mon		7.34	17.90	5.40	7472614.00	23735.00	0.023735				
7 Tue											
8 Wed											
9 Thu											
10 Fri											
11 Sat											
12 Sun											
13 Mon		7.05	17.20	3.60	7515793.00	43179.00	0.043179				
14 Tue											
15 Wed											
16 Thu											
17 Fri											
18 Sat											
19 Sun											
20 Mon		7.30	18.20	5.90	7546281.00	30488.00	0.030488				
21 Tue											
22 Wed											
23 Thu											
24 Fri											
25 Sat											
26 Sun											
27 Mon		7.28	17.60	5.50	7570093.00	23812.00	0.023812				
28 Tue											
29 Wed											
30 Thu											
31 Fri					7599853.00	29760.00	0.029760				
MIN		7.05	17.20	3.60	7,448,879.00	5,746.00	0.005746	-	-	-	-
MAX		7.34	18.20	5.90	7,599,853.00	43,179.00	0.043179	-	-	-	-
AVG		7.24	17.73	5.10	7,525,585.50	26,120.00	0.026120	-	-	-	-
SUM		28.97	70.90	20.40	45,153,513.00	156,720.00	0.156720	-	-	-	-

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Sulfides (in house results) mg/l
1 Wed					7448879.00	5746.00	
2 Thu							
3 Fri							
4 Sat							
5 Sun							
6 Mon		7.34	17.90	5.40	7472614.00	23735.00	
7 Tue							
8 Wed							
9 Thu							
10 Fri							
11 Sat							
12 Sun							
13 Mon		7.05	17.20	3.60	7515793.00	43179.00	
14 Tue							
15 Wed							
16 Thu							
17 Fri							
18 Sat							
19 Sun							
20 Mon		7.30	18.20	5.90	7546281.00	30488.00	
21 Tue							
22 Wed							
23 Thu							
24 Fri							
25 Sat							
26 Sun							
27 Mon		7.28	17.60	5.50	7570093.00	23812.00	
28 Tue							
29 Wed							
30 Thu							
31 Fri					7599853.00	29760.00	
MIN		7.05	17.20	3.60	7,448,879.00	5,746.00	-
MAX		7.34	18.20	5.90	7,599,853.00	43,179.00	-
AVG		7.24	17.73	5.10	7,525,585.50	26,120.00	-
SUM		28.97	70.90	20.40	45,153,513.00	156,720.00	-

Peter Cooper Landfill Monthly Report

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Total Daily Flow MGD	Peter Cooper BOD mg/l	Peter Cooper Suspended Solids mg/l	Peter Cooper Phenols mg/l	Peter Cooper TKN mg/l
1 Sat					7606568.00	6715.00					
2 Sun											
3 Mon		7.02	19.10	4.70	7619256.00	12688.00					
4 Tue											
5 Wed											
6 Thu											
7 Fri											
8 Sat											
9 Sun											
10 Mon		7.11	19.20	4.20	7668765.00	49509.00					
11 Tue											
12 Wed											
13 Thu											
14 Fri											
15 Sat											
16 Sun											
17 Mon		7.11	18.80	4.60	7728710.00	59945.00					
18 Tue											
19 Wed											
20 Thu											
21 Fri											
22 Sat											
23 Sun											
24 Mon		7.20	23.00	5.10	7751485.00	22775.00					
25 Tue											
26 Wed											
27 Thu											
28 Fri											
29 Sat											
30 Sun											
MIN		7.02	18.80	4.20	7,606,568.00	6,715.00	-	-	-	-	-
MAX		7.20	23.00	5.10	7,751,485.00	59,945.00	-	-	-	-	-
AVG		7.11	20.03	4.65	7,674,956.80	30,326.40	-	-	-	-	-
SUM		28.44	80.10	18.60	38,374,784.00	151,632.00	-	-	-	-	-

	Daily Com	Peter Cooper PH Min. 5.0 Max. 10.5 SU	Peter Cooper Temp. Deg C	Peter Cooper D.O. Min. 2.0 Daily mg/l	Peter Cooper Daily Flow Meter Reading gpd	Peter Cooper Total Daily Flow gpd	Peter Cooper Sulfides (in house results) mg/l
1 Sat					7606568.00	6715.00	
2 Sun							
3 Mon		7.02	19.10	4.70	7619256.00	12688.00	
4 Tue							
5 Wed							
6 Thu							
7 Fri							
8 Sat							
9 Sun							
10 Mon		7.11	19.20	4.20	7668765.00	49509.00	
11 Tue							
12 Wed							
13 Thu							
14 Fri							
15 Sat							
16 Sun							
17 Mon		7.11	18.80	4.60	7728710.00	59945.00	
18 Tue							
19 Wed							
20 Thu							
21 Fri							
22 Sat							
23 Sun							
24 Mon		7.20	23.00	5.10	7751485.00	22775.00	
25 Tue							
26 Wed							
27 Thu							
28 Fri							
29 Sat							
30 Sun							
MIN		7.02	18.80	4.20	7,606,568.00	6,715.00	-
MAX		7.20	23.00	5.10	7,751,485.00	59,945.00	-
AVG		7.11	20.03	4.65	7,674,956.80	30,326.40	-
SUM		28.44	80.10	18.60	38,374,784.00	151,632.00	-

Attachment 2.0
SIU Permit Lab Data



Microbac Laboratories, Inc.

Erie Division

1962 Wager Road • Erie, PA 16509 • Phone: 814-825-8533 • Fax: 814-825-9254

Larry Lewis, Managing Director • E-mail: erie@microbac.com • http://www.microbac.com

CERTIFICATE OF ANALYSIS

Work Order Number:

13B2095

Gowanda, Village of
Attn: Mike Hutchinson
27 East Main
Gowanda, NY 14070

Date Reported 02/21/2013
Date Received 02/14/2013
Account Number 00000007266



Purchase Order:

Subject: Monthly - Peter Cooper Landfill Samples

SMP	TEST	METHOD	RESULT	UNITS	ANALYSIS				
					DATE	TIME	TECH	NOTES	
01	Water Sample Sample Date: 02/13/2013								
			Sample Time: 07:15						
	BOD5	SM 5210 B	<4 mg/L		02/15/13	11:59	DJS		
	Solids, Suspended	SM 2540 D	<5.00 mg/L		02/19/13	12:45	CMF		

All samples received in proper condition and results conform to ISO 17025 unless otherwise noted

Some or all of the samples were collected by the customer. The verifiability of the final results are therefore limited by the customer's reported values. Microbac Laboratories, Inc. assumes that all sampling instructions are followed, and the data upon which these final results are based, have been accurately supplied by the client.

Reviewed and Approved By:

Date Reviewed and Approved:

02/21/2013

Jeff Porte For Cheri Estes
Lab Manager, Microbac Laboratories, Inc./Erie Division
Report released by Jeff Porte For Cheri Estes

Any questions regarding this report, please contact your account manager.

As Regulatory limits frequently change, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits with the appropriate Federal, state or local authorities before acting on the data provided. For feedback concerning our services, please contact the Managing Director, or James Nokes, President, at president@microbac.com.

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CERTIFICATE OF ANALYSIS

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Date Reported 02/21/2013
Date Received 02/14/2013
Account Number 00000007266



Purchase Order:

Subject: Monthly - Peter Cooper Landfill Samples

ANALYSIS

SMP	TEST	METHOD	RESULT	UNITS	DATE	TIME	TECH	NOTES
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Inorganics - Quality Control

Microbac Laboratories, Inc./Erie Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1302018 - ** Default Inorganics Prep **										
Blank (1302018-BLK1) Prepared & Analyzed: 02/19/201										
Solids, Suspended	ND	5.00	mg/L							
Blank (1302018-BLK2) Prepared & Analyzed: 02/19/201										
Solids, Suspended	ND	5.00	mg/L							
Blank (1302018-BLK3) Prepared & Analyzed: 02/19/201										
Solids, Suspended	ND	5.00	mg/L							
Duplicate (1302018-DUP1) Source: 13B0751-01 Prepared & Analyzed: 02/19/201										
Solids, Suspended	ND	5.00	mg/L		ND				20	
Duplicate (1302018-DUP2) Source: 13B1387-02 Prepared & Analyzed: 02/19/201										
Solids, Suspended	7.00	5.00	mg/L		6.50			7	20	
Duplicate (1302018-DUP3) Source: 13B1414-01 Prepared & Analyzed: 02/19/201										
Solids, Suspended	ND	5.00	mg/L		ND				20	
Duplicate (1302018-DUP4) Source: 13B1446-01 Prepared & Analyzed: 02/19/201										
Solids, Suspended	228	5.00	mg/L		216			5	20	
Duplicate (1302018-DUP5) Source: 13B2136-01 Prepared & Analyzed: 02/19/201										
Solids, Suspended	ND	5.00	mg/L		ND				20	
Reference (1302018-SRM1) Prepared & Analyzed: 02/19/201										
Solids, Suspended	27.0		mg/L	30.000		90	70-130			

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MEMBER





Microbac Laboratories, Inc.

Erie Division

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Larry Lewis, Managing Director • E-mail: erie@microbac.com • http://www.microbac.com

CERTIFICATE OF ANALYSIS

Work Order Number:
13B2095

Gowanda, Village of
Attn: Mike Hutchinson
27 East Main
Gowanda, NY 14070

Date Reported 02/21/2013
Date Received 02/14/2013
Account Number 00000007266



Purchase Order:

Subject: Monthly - Peter Cooper Landfill Samples

ANALYSIS

SMP	TEST	METHOD	RESULT	UNITS	DATE	TIME	TECH	NOTES
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Inorganics - Quality Control

Microbac Laboratories, Inc./Erie Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1302018 - ** Default Inorganics Prep **

Reference (1302018-SRM2)		Prepared & Analyzed: 02/19/201								
Solids, Suspended	260		mg/L	300.00		87	70-130			
Reference (1302018-SRM3)		Prepared & Analyzed: 02/19/201								
Solids, Suspended	31.0		mg/L	30.000		103	70-130			
Reference (1302018-SRM4)		Prepared & Analyzed: 02/19/201								
Solids, Suspended	260		mg/L	300.00		87	70-130			
Reference (1302018-SRM5)		Prepared & Analyzed: 02/19/201								
Solids, Suspended	31.0		mg/L	30.000		103	70-130			
Reference (1302018-SRM6)		Prepared & Analyzed: 02/19/201								
Solids, Suspended	290		mg/L	300.00		97	70-130			

Batch 1302110 - ** Default Inorganics Prep **

Blank (1302110-BLK1)		Prepared & Analyzed: 02/15/201								
BOD5	ND	4	mg/L							
Blank (1302110-BLK2)		Prepared & Analyzed: 02/15/201								
BOD5	ND	4	mg/L							
Duplicate (1302110-DUP1)		Source: 13B1507-04 Prepared & Analyzed: 02/15/201								
BOD5	260	4	mg/L		259			0.4	20	

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Larry Lewis, Managing Director • E-mail: erie@microbac.com • http://www.microbac.com

CERTIFICATE OF ANALYSIS

Work Order Number:

13B2095

Gowanda, Village of
Attn: Mike Hutchinson
27 East Main
Gowanda, NY 14070

Date Reported 02/21/2013
Date Received 02/14/2013
Account Number 000000007266



Purchase Order:

Subject: Monthly - Peter Cooper Landfill Samples

ANALYSIS

SMP	TEST	METHOD	RESULT	UNITS	DATE	TIME	TECH	NOTES
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Inorganics - Quality Control

Microbac Laboratories, Inc./Erie Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1302110 - ** Default Inorganics Prep **

Reference (1302110-SRM1)	Prepared & Analyzed: 02/15/201									
BOD5	215		mg/L	200.00		108	84.5-115.4			
Reference (1302110-SRM2)	Prepared & Analyzed: 02/15/201									
BOD5	211		mg/L	200.00		106	84.5-115.4			

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Microbics Laboratories Inc.
 85 Winger Road
 16, PA 19008
 Phone: 614/935-8531 Fax: 614/935-8534

CHAIN OF CUSTODY RECORD

13B2095

Logged by Yasenya Rosa
 02/14/2013 15:08



Client Name: **Gowanda, Village WWTP**
 Project Location: **Monday, West Chester, Ohio**
 Send Report To: **Mike Hutchinson**
 Phone: **(716) 593-8531**
 Sample Date: **2/13/13** Sample Chain Temp: **40**

Method of Shipment: **Microbics Courier (Mail)**

Analyzer Signature: **Dominic C. Papp**
 Microbics Method of Shipment: **Microbics Courier (Mail)**

Flow: Continuous Flow Interval
 Flow: Non Proportional Interval

MTL	Sample #	Sample Description	Collected Date	Time	Sample Type	No. of Containers	Container Type / Preservative	Analysis Requested
		RAW EFFLUENT	2/13/13		X WW	3	PLASTIC H2SO4	NH3, PO4, BOD, S/S PHC2
		FINAL EFFLUENT	2/13/13		X WW	3	PLASTIC H2SO4	NH3, PO4, BOD, S/S PHC2
		STATE EFFLUENT	2/13/13		X WW	2	PLASTIC H2SO4	PO4, BOD, S/S PHC2
chain		Fishish screen compost Row 671	2/14/13	7:00 AM	X	1	PLASTIC NONE	Fecal coliform Salmonella 13B2094
chain		Peter Cooper	2/13/13	7:15 AM	X	1	-	BOD S/S 13B2095

Quarantined by: (Signature) **Dominic C. Papp** Date **2/14/13** Time **10:00** Received by: (Signature) **Mike Hutchinson** Date **2-14** Time **1455**

Quarantined by: (Signature) **[Signature]** Date **2-14** Time **1455** Received by: (Signature) **[Signature]** Date **2-14-13** Time **1455**

Quarantined by: (Signature) _____ Date _____ Time _____ Received by: (Signature) _____ Date _____ Time _____

Quarantined by: (Signature) _____ Date _____ Time _____ Received by: (Signature) _____ Date _____ Time _____

Comments or Special Hazards: **13B1503**
13B1504





Microbac Laboratories, Inc.

Erie Division

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Larry Lewis, Managing Director • E-mail: erie@microbac.com • http://www.microbac.com

CERTIFICATE OF ANALYSIS

Work Order Number:

12K0649

Gowanda, Village of
Attn: Mike Hutchinson
27 East Main
Gowanda, NY 14070

Date Reported 11/29/2012
Date Received 11/15/2012
Account Number 000000007266



Purchase Order:

Subject: Monthly - Peter Cooper Landfill Samples

ANALYSIS

SMP	TEST	METHOD	RESULT	UNITS	DATE	TIME	TECH	NOTES
01	Groundwater Sample Date: 11/14/2012							
	BOD5	SM 5210 B	10 mg/L		11/16/12	10:17	CAP	
	Solids, Suspended	SM 2540 D	<5.00 mg/L		11/19/12	11:50	CMF	
02	Groundwater Sample Date: 11/14/2012							
	Sulfide	EPA 9034	<2.00 mg/L		11/16/12	11:30	OST	
03	Groundwater Sample Date: 11/14/2012							
	Phenolics, Total	EPA 420.1	<0.005 mg/L		11/28/12	11:00	CMF	
04	Groundwater Sample Date: 11/14/2012							
	Nitrogen, Kjeldahl	EPA 351.2 (DISCRETE)	126 mg/L		11/19/12	15:41	CP3	
05	Groundwater Sample Date: 11/14/2012							
	Nitrogen, Ammonia, Distilled	SM 4500-NH3 B/G(DISCRETE)	116 mg N/L		11/21/12	12:45	CP3	
07	Groundwater Sample Date: 11/14/2012							
	Sulfate	SM 4500-SO4 D	223 mg/L		11/27/12	08:50	CMF	

Order Notes

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MEMBER





Microbac Laboratories, Inc.

Erie Division

1962 Wager Road • Erie, PA 16509 • Phone: 814-825-8533 • Fax: 814-825-9254

Larry Lewis, Managing Director • E-mail: erie@microbac.com • http://www.microbac.com

CERTIFICATE OF ANALYSIS

Work Order Number:

12K0649

Gowanda, Village of
Attn: Mike Hutchinson
27 East Main
Gowanda, NY 14070

Date Reported 11/29/2012
Date Received 11/15/2012
Account Number 000000007266



Purchase Order:

Subject: Monthly - Peter Cooper Landfill Samples

ANALYSIS

SMP	TEST	METHOD	RESULT	UNITS	DATE	TIME	TECH	NOTES
-----	------	--------	--------	-------	------	------	------	-------

The Sulfide analyses were sub-contracted to Microbac Laboratories, Inc./New York Division. PA DEP ID#68-01385.
(W.O. 1211320)

All samples received in proper condition and results conform to ISO 17025 unless otherwise noted

Some or all of the samples were collected by the customer. The verifiability of the final results are therefore limited by the customer's reported values. Microbac Laboratories, Inc. assumes that all sampling instructions are followed, and the data upon which these final results are based, have been accurately supplied by the client.

Notes and Definitions

Reviewed and Approved By:

Date Reviewed and Approved:

11/29/2012

Jeff Porte For Cheri Estes

Lab Manager, Microbac Laboratories, Inc./Erie Division

Report released by Jeff Porte For Cheri Estes

Any questions regarding this report, please contact your account manager.

As Regulatory limits frequently change, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits with the appropriate Federal, state or local authorities before acting on the data provided. For feedback concerning our services, please contact the Managing Director, or James Nokes, President, at president@microbac.com.

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MEMBER



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 1962 Wager Road
 Erie, PA 16509
 Phone: 814/825-8533 Fax: 814/825-9254



CHAIN OF CUSTODY RECORD

PO#	Client Name: Gowanda, Villages WWTP	Project/Location: Weekly PG Landfill Samples	Water Composite Sampling Data	
		Send Report To: Mike Hutchinson	Automatic	Begin
Sampler's Signature: <i>Dominic Capora</i>		Phone (716) 532-5931	Discrete	Date
Microbac Division:	Method of Shipment: Microbac Courier	Sample Chest #	Time	Time
		Sample Chest Temp °C	Continuous	Flow
			Flow Proportioned	Interval

Lab ID	Sample #	Sample Description	Collected		Sample Type			No. of containers	Container Type / Preservative	Analyses Requested
			Date	Time	Comp	Grab	Matrix			
	1, 7	Groundwater Peter Cooper Landfill	11/14/12	24		x	gw	1	plastic No Preservation	BOD5, TSS, SO4
	2	Groundwater	11/14/12	24		x	gw	1	plastic NaOH/Zn acetate	SO2 (Sulfide)
	3	Groundwater	11/14/12	24		x	gw	1	plastic H2SO4	Phenol (total)
	4	Groundwater	11/14/12	24		x	gw	1	plastic H2SO4	Kjeldahl Nitrogen (TKN)
	5	Groundwater	11/14/12	24		x	gw	1	plastic H2SO4	NH3
		Groundwater				x	gw	1	plastic H2SO4	Total Organic Halogens (TOX)

Relinquished by: (Signature) <i>Dominic Capora</i>	Date	Time	Received by: (Signature) <i>[Signature]</i>	Date	Time
	11/15/12			11/15	1000
Relinquished by: (Signature) <i>[Signature]</i>	Date	Time	Received by: (Signature)	Date	Time
	11/15/12	1:00			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

12K0649 Logged by Steve Stablein
 11/15/2012 14:01

pH-Field: _____



Microbac Laboratories Inc.
 1962 Wager Road
 Erie, PA 16509
 Phone: 814/825-8533 Fax: 814/825-9254



CHAIN OF CUSTODY RECORD

PO#	Client Name: Gowanda, Village WWTP	Project/Location: Weekly PC Landfill Samples	Water Composite Sampling Data	
		Send Report To: Mike Hutchinson	Automatic	Begin
Sampler's Signature: <i>Dominic Capri</i>			Discrete	Date
Microbac Division:	Method of Shipment: Microbac Courier	Phone (716) 532-5931	Time	Time
		Sample Chest #	Continuous	Flow
		Sample Chest Temp °C	Flow Proportioned	Interval

ETL	Lab ID	Sample #	Sample Description	Collected Date	Time	Sample Type	No. of containers	Container Type / Preservative	Analyses Requested
			Groundwater Peter Cooper Landfill	11/4/12	24	Comp Grab Matrix gw	1	plastic No Preservation	BOD5, TSS, SO4
			Groundwater	11/4/12	24	Comp Grab Matrix gw	1	plastic NaOH/Zn acetate	SO2
			Groundwater	11/4/12	24	Comp Grab Matrix gw	1	plastic H2SO4	Phenol (total)
			Groundwater	11/12/12	24	Comp Grab Matrix gw	1	plastic H2SO4	Kjeldahl Nitrogen (TKN)
			Groundwater	11/14/12	24	Comp Grab Matrix gw	1	plastic H2SO4	NH3
			Groundwater			Comp Grab Matrix gw	1	plastic H2SO4	Total Organic Halogens (TOX)

Relinquished by: (Signature) <i>Dominic Capri</i>	Date	Time	Received by: (Signature) <i>[Signature]</i>	Date	Time	Comments or Special Hazards: 12K0649
Relinquished by: (Signature) <i>[Signature]</i>	11-15		Received by: (Signature)	11-15	1000	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

pH-Field:



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CERTIFICATE OF ANALYSIS

Work Order Number:

1212324

Gowanda, Village Of
Attn: Mike Hutchinson
27 East Main
Gowanda, NY 14070

Date Reported 10/01/2012
Date Received 09/13/2012
Account Number 00000007266



Purchase Order:

Subject: Semi-Annual for Peter Cooper

ANALYSIS

SMP	TEST	METHOD	RESULT	UNITS	DATE	TIME	TECH	NOTES
01	Groundwater Sample Date: 09/13/2012							
	EPA Method 625 - Special List	E625			09/18/12	21:42	CAA	
	1,2,4-Trichlorobenzene		<5.49 ug/L		09/18/12	21:42	CAA	U
	2,4,6-Trichlorophenol		<5.49 ug/L		09/18/12	21:42	CAA	U
	2,4-Dichlorophenol		<5.49 ug/L		09/18/12	21:42	CAA	U
	2,4-Dimethylphenol		<5.49 ug/L		09/18/12	21:42	CAA	U
	2,4-Dinitrophenol		<27.5 ug/L		09/18/12	21:42	CAA	U
	2,4-Dinitrotoluene		<5.49 ug/L		09/18/12	21:42	CAA	U
	1,2-Diphenylhydrazine (as Azobenzene)		<5.49 ug/L		09/18/12	21:42	CAA	U
	2,6-Dinitrotoluene		<5.49 ug/L		09/18/12	21:42	CAA	U
	2-Chloronaphthalene		<5.49 ug/L		09/18/12	21:42	CAA	U
	2-Chlorophenol		<5.49 ug/L		09/18/12	21:42	CAA	U
	2-Methylphenol		<5.49 ug/L		09/18/12	21:42	CAA	U
	2-Nitrophenol		<5.49 ug/L		09/18/12	21:42	CAA	U
	3,3'-Dichlorobenzidine		<5.49 ug/L		09/18/12	21:42	CAA	U
	3-,4-Methylphenol		<5.49 ug/L		09/18/12	21:42	CAA	U
	4,6-Dinitro-2-methylphenol		<27.5 ug/L		09/18/12	21:42	CAA	U
	4-Bromophenyl phenyl ether		<5.49 ug/L		09/18/12	21:42	CAA	U
	4-Chloro-3-methylphenol		<5.49 ug/L		09/18/12	21:42	CAA	U
	4-Chlorophenyl phenyl ether		<5.49 ug/L		09/18/12	21:42	CAA	U
	4-Nitrophenol		<27.5 ug/L		09/18/12	21:42	CAA	U
	Acenaphthene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Acenaphthylene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Anthracene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Benzidine		<27.5 ug/L		09/18/12	21:42	CAA	U
	Benzo(a)anthracene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Benzo(a)pyrene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Benzo(b)fluoranthene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Benzo(g,h,i)Perylene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Benzo(k)fluoranthene		<5.49 ug/L		09/18/12	21:42	CAA	U

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Larry Lewis, Managing Director • E-mail: erie@microbac.com • http://www.microbac.com

CERTIFICATE OF ANALYSIS

Work Order Number:

1212324

Gowanda, Village Of
Attn: Mike Hutchinson
27 East Main
Gowanda, NY 14070

Date Reported 10/01/2012
Date Received 09/13/2012
Account Number 00000007266



Purchase Order:

Subject: Semi-Annual for Peter Cooper

SMP	TEST	METHOD	RESULT	UNITS	ANALYSIS			NOTES
					DATE	TIME	TECH	
01	Groundwater							...continued
	Sample Date: 09/13/2012							
	Bis(2-Chloroethoxy)Methane		<5.49 ug/L		09/18/12	21:42	CAA	U
	Bis(2-Chloroethyl)ether		<5.49 ug/L		09/18/12	21:42	CAA	U
	bis(2-Chloroisopropyl)ether		<5.49 ug/L		09/18/12	21:42	CAA	U
	bis(2-Ethylhexyl)phthalate		<5.49 ug/L		09/18/12	21:42	CAA	U
	Butyl benzyl phthalate		<5.49 ug/L		09/18/12	21:42	CAA	U
	Chrysene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Di-N-Butylphthalate		<5.49 ug/L		09/18/12	21:42	CAA	U
	Di-n-octyl phthalate		<5.49 ug/L		09/18/12	21:42	CAA	U
	Dibenzo(a,h)Anthracene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Diethyl phthalate		<5.49 ug/L		09/18/12	21:42	CAA	U
	Dimethyl phthalate		<5.49 ug/L		09/18/12	21:42	CAA	U
	Fluoranthene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Fluorene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Hexachlorobenzene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Hexachlorobutadiene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Hexachlorocyclopentadiene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Hexachloroethane		<5.49 ug/L		09/18/12	21:42	CAA	U
	Indeno(1,2,3-cd)pyrene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Isophorone		<5.49 ug/L		09/18/12	21:42	CAA	U
	N-Nitrosodimethylamine		<5.49 ug/L		09/18/12	21:42	CAA	U
	N-Nitrosodiphenylamine		<5.49 ug/L		09/18/12	21:42	CAA	U
	N-Nitrosodipropylamine		<5.49 ug/L		09/18/12	21:42	CAA	U
	Naphthalene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Nitrobenzene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Pentachlorophenol		<27.5 ug/L		09/18/12	21:42	CAA	U
	Phenanthrene		<5.49 ug/L		09/18/12	21:42	CAA	U
	Phenol		42.6 ug/L		09/18/12	21:42	CAA	U
	Pyrene		<5.49 ug/L		09/18/12	21:42	CAA	U
Volatile Organics-Special		E624			09/16/12	5:55	MES	

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CERTIFICATE OF ANALYSIS

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1212324

Gowanda, Village Of
Attn: Mike Hutchinson
27 East Main
Gowanda, NY 14070

Date Reported 10/01/2012
Date Received 09/13/2012
Account Number 00000007266



Purchase Order:

Subject: Semi-Annual for Peter Cooper

SMP	TEST	METHOD	RESULT	UNITS	ANALYSIS			NOTES
					DATE	TIME	TECH	
01	Groundwater							...continued
	Sample Date: 09/13/2012							
	Benzene		<5.00 ug/L		09/16/12	5:55	MES	U
	1,1,1,2-Tetrachloroethane		<1.00 ug/L		09/16/12	5:55	MES	U
	1,1,1-Trichloroethane		<1.00 ug/L		09/16/12	5:55	MES	U
	Toluene		<5.00 ug/L		09/16/12	5:55	MES	U
	1,1,2,2-Tetrachloroethane		<1.00 ug/L		09/16/12	5:55	MES	U
	Xylenes (total)		<5.00 ug/L		09/16/12	5:55	MES	U
	1,1,2-Trichloroethane		<1.00 ug/L		09/16/12	5:55	MES	U
	1,1-Dichloroethane		<1.00 ug/L		09/16/12	5:55	MES	U
	1,1-Dichloroethene		<1.00 ug/L		09/16/12	5:55	MES	U
	1,1-Dichloropropene		<1.00 ug/L		09/16/12	5:55	MES	U
	1,2,3-Trichlorobenzene		<1.00 ug/L		09/16/12	5:55	MES	U
	1,2,3-Trichloropropane		<1.00 ug/L		09/16/12	5:55	MES	U
	1,2,4-Trichlorobenzene		<0.400 ug/L		09/16/12	5:55	MES	U
	1,2,4-Trimethylbenzene		<1.00 ug/L		09/16/12	5:55	MES	U
	1,2-Dibromo-3-chloropropane		<2.00 ug/L		09/16/12	5:55	MES	U
	1,2-Dibromoethane		<1.00 ug/L		09/16/12	5:55	MES	U
	1,2-Dichlorobenzene		<1.00 ug/L		09/16/12	5:55	MES	U
	1,2-Dichloroethane		<1.00 ug/L		09/16/12	5:55	MES	U
	1,2-Dichloropropane		<1.00 ug/L		09/16/12	5:55	MES	U
	1,3,5-Trimethylbenzene		<1.00 ug/L		09/16/12	5:55	MES	U
	1,3-Dichlorobenzene		<1.00 ug/L		09/16/12	5:55	MES	U
	1,3-Dichloropropane		<0.400 ug/L		09/16/12	5:55	MES	U
	1,4-Dichlorobenzene		<0.400 ug/L		09/16/12	5:55	MES	U
	1-Bromopropane		<1.00 ug/L		09/16/12	5:55	MES	U
	2,2-Dichloropropane		<1.00 ug/L		09/16/12	5:55	MES	U
	2-Butanone		<5.00 ug/L		09/16/12	5:55	MES	U
	2-Chloroethyl vinyl ether		<5.00 ug/L		09/16/12	5:55	MES	U
	2-Chlorotoluene		<1.00 ug/L		09/16/12	5:55	MES	U
	2-Hexanone		<5.00 ug/L		09/16/12	5:55	MES	U

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1212324

Gowanda, Village Of
Attn: Mike Hutchinson
27 East Main
Gowanda, NY 14070

Date Reported 10/01/2012
Date Received 09/13/2012
Account Number 000000007266



Purchase Order:

Subject: Semi-Annual for Peter Cooper

SMP	TEST	METHOD	RESULT	UNITS	ANALYSIS		
					DATE	TIME	TECH NOTES
01	Groundwater Sample Date: 09/13/2012						...continued
	4-Chlorotoluene		<1.00 ug/L		09/16/12	5:55	MES U
	4-Methyl-2-pentanone		<5.00 ug/L		09/16/12	5:55	MES U
	Acetone		<5.00 ug/L		09/16/12	5:55	MES U
	Acrolein		<100 ug/L		09/16/12	5:55	MES U
	Acrylonitrile		<5.00 ug/L		09/16/12	5:55	MES U
	Bromobenzene		<1.00 ug/L		09/16/12	5:55	MES U
	Bromochloromethane		<1.00 ug/L		09/16/12	5:55	MES U
	Bromodichloromethane		<1.00 ug/L		09/16/12	5:55	MES U
	Bromoforn		<1.00 ug/L		09/16/12	5:55	MES U
	Bromomethane		<1.00 ug/L		09/16/12	5:55	MES U
	Carbon tetrachloride		<1.00 ug/L		09/16/12	5:55	MES U
	Chlorobenzene		<1.00 ug/L		09/16/12	5:55	MES U
	Chlorodibromomethane		<1.00 ug/L		09/16/12	5:55	MES U
	Chloroethane		<1.00 ug/L		09/16/12	5:55	MES U
	Chloroform		<1.00 ug/L		09/16/12	5:55	MES U
	Chloromethane		<1.00 ug/L		09/16/12	5:55	MES U
	cis-1,2-Dichloroethene		<1.00 ug/L		09/16/12	5:55	MES U
	cis-1,3-Dichloropropene		<1.00 ug/L		09/16/12	5:55	MES U
	Dibromomethane		<1.00 ug/L		09/16/12	5:55	MES U
	Dichlorodifluoromethane		<1.00 ug/L		09/16/12	5:55	MES U
	Ethylbenzene		<1.00 ug/L		09/16/12	5:55	MES U
	Hexachlorobutadiene		<1.00 ug/L		09/16/12	5:55	MES U
	Isopropylbenzene		<1.00 ug/L		09/16/12	5:55	MES U
	m-,p-Xylene		<1.00 ug/L		09/16/12	5:55	MES U
	Methyl t-butyl ether (MTBE)		<1.00 ug/L		09/16/12	5:55	MES U
	Methylene chloride		<1.00 ug/L		09/16/12	5:55	MES U
	n-Butylbenzene		<1.00 ug/L		09/16/12	5:55	MES U
	n-Propylbenzene		<1.00 ug/L		09/16/12	5:55	MES U
	Naphthalene		<1.00 ug/L		09/16/12	5:55	MES U

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Date Received 09/13/2012
Account Number 00000007266



Purchase Order:

Subject: Semi-Annual for Peter Cooper

ANALYSIS

SMP	TEST	METHOD	RESULT	UNITS	DATE	TIME	TECH	NOTES
01	Groundwater Sample Date: 09/13/2012							...continued
	o-Xylene		<1.00 ug/L		09/16/12	5:55	MES	U
	p-Isopropyltoluene		<1.00 ug/L		09/16/12	5:55	MES	U
	sec-Butylbenzene		<1.00 ug/L		09/16/12	5:55	MES	U
	Styrene		<1.00 ug/L		09/16/12	5:55	MES	U
	tert-Butylbenzene		<1.00 ug/L		09/16/12	5:55	MES	U
	Tetrachloroethene		<1.00 ug/L		09/16/12	5:55	MES	U
	trans-1,2-Dichloroethene		<1.00 ug/L		09/16/12	5:55	MES	U
	trans-1,3-Dichloropropene		<1.00 ug/L		09/16/12	5:55	MES	U
	trans-1,4-Dichloro-2-Butene		<5.00 ug/L		09/16/12	5:55	MES	U
	Trichloroethene		<1.00 ug/L		09/16/12	5:55	MES	U
	Trichlorofluoromethane		<1.00 ug/L		09/16/12	5:55	MES	U
	Vinyl chloride		<1.00 ug/L		09/16/12	5:55	MES	U

Order Notes

The Acid Extractables and Volatile Organics analyses were sub-contracted to Microbac Laboratories, Inc./Ohio Valley Division. NELAC PA lab ID #68-01670 (W.O. L12090396)

All samples received in proper condition and results conform to ISO 17025 unless otherwise noted

Some or all of the samples were collected by the customer. The verifiability of the final results are therefore limited by the customer's reported values. Microbac Laboratories, Inc. assumes that all sampling instructions are followed, and the data upon which these final results are based, have been accurately supplied by the client.

Notes and Definitions

U Not detected at or above adjusted sample detection limit

J [Undefined]

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AIHA accredited for Environmental Lead. Visit our website to view our current AIHA LAP, LLC accreditation.





Microbac Laboratories, Inc.

Erie Division

1962 Wager Road • Erie, PA 16509 • Phone: 814-825-8533 • Fax: 814-825-9254

Larry Lewis, Managing Director • E-mail: erie@microbac.com • http://www.microbac.com

CERTIFICATE OF ANALYSIS

Work Order Number:

1212324

Gowanda, Village Of
Attn: Mike Hutchinson
27 East Main
Gowanda, NY 14070

Date Reported 10/01/2012
Date Received 09/13/2012
Account Number 00000007266



Purchase Order:

Subject: Semi-Annual for Peter Cooper

ANALYSIS

Table with columns: SMP, TEST, METHOD, RESULT, UNITS, DATE, TIME, TECH, NOTES

Notes and Definitions

* [Undefined]

Reviewed and Approved By:

Date Reviewed and Approved:

Handwritten signature of Jeff Porte

10/01/2012

Jeff Porte For Cheri Estes
Lab Manager, Microbac Laboratories, Inc./Erie Division
Report released by Jeff Porte For Cheri Estes

Any questions regarding this report, please contact your account manager.

As Regulatory limits frequently change, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits with the appropriate Federal, state or local authorities before acting on the data provided.

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Microbac Laboratories Inc.
 1962 Wager Road
 Erie, PA 16509
 Phone: 814/825-9933 Fax: 814/825-9284



1212324

Logged by Carol Brissey-Smith
 09/13/2012 14:58



Water Composite Sampling Data			
Automatic	Begin	End	
Discrete	Date		
Time	Time		
Continuous	Flow		
Flow Proportional	Interval		

Client Name: Gowanda, Village WWTP
 Project Location: Monthly Wastewater Samples
 Send Report To: Mike Hutchinson
 Phone (716) 882-5891
 Sample Chest # _____ Sample Chest Temp _____ °C

ETL	Lab ID	Sample #	Sample Description	Collected Date	Time	Sample Type	No. of containers	Container Type / Preservative	Analysis Requested
			RAW-INFLUENT	9-12-12	24HR	X WW	3	PLASTIC H2SO4	NH3, PO4, BOD, S/S
			FINAL EFFLUENT	9-12-12	24HR	X WW	3	PLASTIC H2SO4	NH3, PO4, BOD, S/S
			STATE-INFLUENT	9-12-12	24HR	Y WW	2	PLASTIC H2SO4	PO4, BOD, S/S
			FINAL EFFLUENT	9-13-12	1030	X WW	1	PLASTIC THIO	FECAL COLIFORM
CHAIN			FINISH COMPOST ROW 661	9-13-12	7:10A	Y	1	PLASTIC NONE	FECAL COLIFORM / SALMONELLA
CHAIN			FINISH COMPOST 2 MONTH COMP.	9-13-12	7:10A	Y	1	PLASTIC NONE	SEE ATTS LIST
CHAIN			PETER COOPER SEMI-ANNUAL	9-13-12	7:30A	Y GW	1 BOTTLE 2VIALS	GLASS/WORK GLASS/HYDRO	SEMI VOLATILES / VOLATILES 12I 2324

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<i>[Signature]</i>	9-13-12		<i>[Signature]</i>	9/13	1436
<i>[Signature]</i>	9-13-12	140V	<i>[Signature]</i>		
<i>[Signature]</i>			<i>[Signature]</i>		
<i>[Signature]</i>			<i>[Signature]</i>		

Comments or Special Hazards:
12I 1524 NESTL
 pH-Field:
12I 1525 Buds





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CERTIFICATE OF ANALYSIS

Work Order Number:

12H3343

Gowanda, Village Of
27 East Main
Gowanda, NY 14070

Date Reported 09/06/2012
Date Received 08/23/2012
Account Number 000000007266



Purchase Order:

Subject: Peter Cooper Wastewater for Priority Pollutants

ANALYSIS

SMP	TEST	METHOD	RESULT	UNITS	DATE	TIME	TECH	NOTES
01 Peter Cooper Wastewater Samples for Priority Pollutant Analysis								
Sample Date: 08/22/2012								
COD		HACH 8000	41.3	mg/L	08/30/12	15:42	BJJ	
Cyanide, Total		EPA 335.4 (discrete)	<0.010	mg/L	08/28/12	11:30	BJJ	
Nitrogen, Ammonia, Distilled		SM 4500-NH3 B/G(DISCRETE)	211	mg N/L	08/30/12	17:19	CP3	
Nitrogen, Ammonia, Distilled		SM 4500-NH3 B/G(DISCRETE)	211	mg N/L	08/30/12	14:41	CP3	
Nitrogen, Kjeldahl		EPA 351.2 (DISCRETE)	227	mg/L	08/29/12	16:16	CP3	
Phosphorus, Total		EPA 365.1(DISCRETE)	1.41	mg/L	08/28/12	14:33	BJJ	
Antimony		EPA 200.7	< 0.050	mg/L	08/28/12	14:45	MWR	
Arsenic, Graphite Furnace		SM 3113B	0.016	mg/L	08/27/12	16:02	BJJ	
Beryllium		EPA 200.7	< 0.001	mg/L	08/28/12	14:45	MWR	
Cadmium		EPA 200.7	<0.003	mg/L	08/28/12	15:51	MWR	
Chromium		EPA 200.7	0.046	mg/L	08/28/12	15:49	MWR	
Copper		EPA 200.7	0.026	mg/L	08/28/12	15:48	MWR	
Lead		EPA 200.7	<0.010	mg/L	08/28/12	15:51	MWR	
Mercury		SM 3112 B	<0.0002	mg/L	08/31/12	11:59	BJJ	
Nickel		EPA 200.7	<0.010	mg/L	08/28/12	15:49	MWR	
Selenium, Graphite Furnace		SM 3113 B	<0.002	mg/L	08/28/12	16:35	BJJ	
Silver		EPA 200.7	<0.010	mg/L	08/28/12	15:48	MWR	
Thallium, Graphite Furnace		EPA 200.9	<0.001	mg/L	08/29/12	13:27	BJJ	
Zinc		EPA 200.7	<0.010	mg/L	08/28/12	15:51	MWR	
Pesticides/PCB's		E608			08/29/12	16:05	ECL	
4,4'-DDD			<0.0556	ug/L	08/29/12	16:05	ECL	U
4,4'-DDE			<0.0556	ug/L	08/29/12	16:05	ECL	U
4,4'-DDT			<0.0556	ug/L	08/29/12	16:05	ECL	U
Aldrin			<0.0556	ug/L	08/29/12	16:05	ECL	U
alpha-BHC			<0.0556	ug/L	08/29/12	16:05	ECL	U
beta-BHC			<0.0556	ug/L	08/29/12	16:05	ECL	U

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Larry Lewis, Managing Director • E-mail: erie@microbac.com • http://www.microbac.com

CERTIFICATE OF ANALYSIS

Work Order Number: 12H3343

Gowanda, Village Of
27 East Main
Gowanda, NY 14070

Date Reported 09/06/2012
Date Received 08/23/2012
Account Number 000000007266



Purchase Order:

Subject: Peter Cooper Wastewater for Priority Pollutants

ANALYSIS

Table with columns: SMP, TEST, METHOD, RESULT, UNITS, DATE, TIME, TECH, NOTES. Includes sample analysis for Peter Cooper Wastewater Samples for Priority Pollutant Analysis, Sample Date: 08/22/2012.

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CERTIFICATE OF ANALYSIS

Work Order Number:

12H3343

Gowanda, Village Of
27 East Main
Gowanda, NY 14070

Date Reported 09/06/2012
Date Received 08/23/2012
Account Number 00000007266



Purchase Order:

Subject: Peter Cooper Wastewater for Priority Pollutants

SMP	TEST	METHOD	RESULT	UNITS	ANALYSIS			NOTES
					DATE	TIME	TECH	
01 Peter Cooper Wastewater Samples for Priority Pollutant Analysis								<i>...continued</i>
Sample Date: 08/22/2012								
	4-Chloro-3-methylphenol		<5.21 ug/L		08/29/12	21:23	CAA	U
	4-Chlorophenyl phenyl ether		<5.21 ug/L		08/29/12	21:23	CAA	U
	4-Nitrophenol		<26.0 ug/L		08/29/12	21:23	CAA	U
	Acenaphthene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Acenaphthylene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Anthracene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Benzidine		<26.0 ug/L		08/29/12	21:23	CAA	U
	Benzo(a)anthracene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Benzo(a)pyrene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Benzo(b)fluoranthene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Benzo(g,h,i)Perylene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Benzo(k)fluoranthene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Bis(2-Chloroethoxy)Methane		<5.21 ug/L		08/29/12	21:23	CAA	U
	Bis(2-Chloroethyl)ether		<5.21 ug/L		08/29/12	21:23	CAA	U
	bis(2-Chloroisopropyl)ether		<5.21 ug/L		08/29/12	21:23	CAA	U
	bis(2-Ethylhexyl)phthalate		17.2 ug/L		08/29/12	21:23	CAA	
	Butyl benzyl phthalate		<5.21 ug/L		08/29/12	21:23	CAA	U
	Chrysene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Di-N-Butylphthalate		<5.21 ug/L		08/29/12	21:23	CAA	U
	Di-n-octyl phthalate		<5.21 ug/L		08/29/12	21:23	CAA	U
	Dibenzo(a,h)Anthracene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Diethyl phthalate		<5.21 ug/L		08/29/12	21:23	CAA	U
	Dimethyl phthalate		<5.21 ug/L		08/29/12	21:23	CAA	U
	Fluoranthene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Fluorene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Hexachlorobenzene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Hexachlorobutadiene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Hexachlorocyclopentadiene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Hexachloroethane		<5.21 ug/L		08/29/12	21:23	CAA	U
	Indeno(1,2,3-cd)pyrene		<5.21 ug/L		08/29/12	21:23	CAA	U

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AJHA accredited for Environmental Lead. Visit our website to view our current AJHA LAP, LLC accreditation.

MEMBER





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Erie Division

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Larry Lewis, Managing Director • E-mail: erie@microbac.com • http://www.microbac.com

CERTIFICATE OF ANALYSIS

Work Order Number:

12H3343

Gowanda, Village Of
27 East Main
Gowanda, NY 14070

Date Reported 09/06/2012
Date Received 08/23/2012
Account Number 000000007266



Purchase Order:

Subject: Peter Cooper Wastewater for Priority Pollutants

SMP	TEST	METHOD	RESULT	UNITS	ANALYSIS			NOTES
					DATE	TIME	TECH	
01 Peter Cooper Wastewater Samples for Priority Pollutant Analysis								...continued
	Sample Date:	08/22/2012						
	Isophorone		<5.21 ug/L		08/29/12	21:23	CAA	U
	N-Nitrosodimethylamine		<5.21 ug/L		08/29/12	21:23	CAA	U
	N-Nitrosodiphenylamine		<5.21 ug/L		08/29/12	21:23	CAA	U
	N-Nitrosodipropylamine		<5.21 ug/L		08/29/12	21:23	CAA	U
	Naphthalene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Nitrobenzene		<26.0 ug/L		08/29/12	21:23	CAA	U
	Pentachlorophenol		<5.21 ug/L		08/29/12	21:23	CAA	U
	Phenanthrene		<5.21 ug/L		08/29/12	21:23	CAA	U
	Phenol		<5.21 ug/L		08/29/12	21:23	CAA	U
	Pyrene		<5.21 ug/L		08/29/12	21:23	CAA	U

Order Notes

The Acid Extractables, Base Neutrals, and Pesticides analyses were sub-contracted to Microbac Laboratories, Inc./Ohio Valley Division. NELAC PA lab ID #68-01670 (W.O. L12080743)

All samples received in proper condition and results conform to ISO 17025 unless otherwise noted

Some or all of the samples were collected by the customer. The verifiability of the final results are therefore limited by the customer's reported values. Microbac Laboratories, Inc. assumes that all sampling instructions are followed, and the data upon which these final results are based, have been accurately supplied by the client.

Notes and Definitions

U Not detected at or above adjusted sample detection limit

J [Undefined]

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Chain of Custody

Route: Thursday - Jamestown New York Area

Gowanda, Village Of
27 East Main
Gowanda NY 14070
(716) 532-5931

12H3343



Priority Pollutant - Influent - Raw

Directions & Comments

RTE. 62 INTO GOWANDA. 2ND LEFT (S. CHAPLE ST) TO MAIN ST. TURN LEFT ONTO MAIN ST, TURN RIGTH ONTO ALDRICH ST. -1/2 MILE ON LEFT. WELLS: 7 IN FALL, 10 IN THE SPRING; ANNUAL WW = JAN/FEB

- MIKE HUTCHISON CELL 716-913-1455

Subject: Peter Cooper Wastewater for Priority Pollutants

01 Peter Cooper Wastewater Samples for Priority Pollutant Analysis

required Container(s):

- COD preserved with H2SO4 (237 ml Bottle) pH= _____
- Cyanide - White Cap preserved with Sodium Hydroxide pH= _____
- Dist Ammonia (Plastic / Yellow Cap) preserved with H2SO4 (500 ml Bottle) pH= _____
- Metals preserved with Nitric Acid pH= _____
- Pesticide GC/MS PCB
- Phosphorous (Red Cap, PI) preserved with H2SO4 (125 ml Bottle) pH= _____
- TKN preserved with H2SO4 (250ml Bottle) pH= _____
- Vials-603 / 624 / 504 / 505 preserved with Sodium Thiosulfate

- Acid Extractables, Water
- Base Neutral Extractables by 625, Water
- Chromium in mg/L by EPA 200.7
- Cyanide, Total, Water
- Nickel in mg/L by EPA 200.7
- Pesticide, Organochlorin, PCB, Water
- Silver in mg/L by EPA 200.7
- Zinc in mg/L by EPA 200.7

- Antimony in mg/L by EPA 200.7
- Beryllium in mg/L by EPA 200.7
- COD
- Lead in mg/L by EPA 200.7
- Nitrogen, Ammonia, Distilled
- Phosphorus, Total
- Thallium, Graphite Furnace

- Arsenic, Graphite Furnace
- Cadmium in mg/L by EPA 200.7
- Copper in mg/L by EPA 200.7
- Mercury, Water
- Nitrogen, Kjeldahl
- Selenium, Graphite Furnace, Water
- Volatile Organics by 624, Water

Field Tests

broken - SPS SAYS we will get resample

Compositor Start Date:	_____	Time _____	Temp. _____	Inits _____
Compositor Stop Date:	_____	Time _____	Temp. _____	Inits _____
Sample Date	8/23/12	Time _____	Temp. _____	Inits OST
Picked Up Date		Time _____	Temp. _____	Inits SPS
Rec'd at New Castle Date		Time _____	Temp. _____	Inits _____
Rec'd at Lab Date		Time _____	Temp. _____	Inits SPS
Check-In Date	_____	Time _____	Temp. _____	Inits _____



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Larry Lewis, Managing Director • E-mail: erie@microbac.com • http://www.microbac.com

CERTIFICATE OF ANALYSIS

Work Order Number:
12H3343

Gowanda, Village Of
27 East Main
Gowanda, NY 14070

Date Reported 09/06/2012
Date Received 08/23/2012
Account Number 00000007266



Purchase Order:

Subject: Peter Cooper Wastewater for Priority Pollutants

SMP	TEST	METHOD	RESULT	UNITS	ANALYSIS		
					DATE	TIME	TECH

Reviewed and Approved By:

Date Reviewed and Approved:

09/06/2012

Cheri Estes
Lab Manager/QAO, Microbac Laboratories, Inc./Erie Division
Report released by Cheri Estes

Any questions regarding this report, please contact your account manager.

As Regulatory limits frequently change, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits with the appropriate Federal, state or local authorities before acting on the data provided. For feedback concerning our services, please contact the Managing Director, or James Nokes, President, at president@microbac.com.

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Larry Lewis, Managing Director • E-mail: erie@microbac.com • http://www.microbac.com

CERTIFICATE OF ANALYSIS

Work Order Number:

12H3338

Gowanda, Village Of
Attn: Mike Hutchinson
27 East Main
Gowanda, NY 14070

Date Reported 08/31/2012
Date Received 08/23/2012
Account Number 000000007266



Purchase Order:

Subject: Peter Cooper Landfill Samples

SMP	TEST	METHOD	RESULT	UNITS	ANALYSIS			
					DATE	TIME	TECH	NOTES
01	Groundwater Sample Date: 08/22/2012							
BOD5		SM 5210 B	16 mg/L		08/24/12	10:34	Skala	
Nitrogen, Ammonia, Distilled		SM 4500-NH3 B/G(DISCRETE)	213 mg N/L		08/30/12	17:17	CP3	
Nitrogen, Kjeldahl		EPA 351.2 (DISCRETE)	218 mg/L		08/29/12	16:14	CP3	
Phenolics, Total		EPA 420.1	<0.005 mg/L		08/28/12	9:30	CMF	
Solids, Suspended		SM 2540 D	< 11.6 mg/L		08/27/12	12:50	CMF	
Sulfate		SM 4500-SO4 D	337 mg/L		08/29/12	9:30	CMF	
Sulfide		EPA 9034	<2.00 mg/L		08/24/12	10:00	OST	

Order Notes

Total suspended result <11.6mg/l due to lack of sample available. Test requires atleast 200ml, while I only had 86ml.
CMF

The Sulfide analyses were sub-contracted to Microbac Laboratories, Inc./New York Division. PA DEP ID#68-01385.
(W.O. 1208472)

All samples received in proper condition and results conform to ISO 17025 unless otherwise noted

Some or all of the samples were collected by the customer. The verifiability of the final results are therefore limited by the customer's reported values. Microbac Laboratories, Inc. assumes that all sampling instructions are followed, and the data upon which these final results are based, have been accurately supplied by the client.

Notes and Definitions

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CERTIFICATE OF ANALYSIS

Work Order Number:
12H3338

Gowanda, Village Of
Attn: Mike Hutchinson
27 East Main
Gowanda, NY 14070

Date Reported 08/31/2012
Date Received 08/23/2012
Account Number 000000007266



Purchase Order:

Subject: Peter Cooper Landfill Samples

ANALYSIS

SMP	TEST	METHOD	RESULT	UNITS	DATE	TIME	TECH	NOTES
-----	------	--------	--------	-------	------	------	------	-------

Reviewed and Approved By:

Date Reviewed and Approved:

08/31/2012

Jeff Porte For Cheri Estes
Lab Manager/QAO, Microbac Laboratories, Inc./Erie Division
Report released by Jeff Porte For Cheri Estes

Any questions regarding this report, please contact your account manager.

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Microbac Laboratories Inc.
 1962 Wager Road
 Erie, PA 16509
 Phone: 814/826-8633 Fax: 814/826-9254



CHAIN OF CUSTODY RECORD

12H3338

Logged by Carolyn Cocco
 08/23/2012 15:45



nd

PO#	Client Name: Gowanda, Village WWTP		Project/Location: Weekly PC Landfill					Send Report To: Mike Hutchinson		Time	Time	
Sampler's Signature										Continuous	Flow	
Microbac Division:	Method of Shipment: Microbac Courier		Phone (716) 532-5931					Sample Chest #		Flow Proportioned	Interval	
ETL			Collected		Sample Type			No. of	Container Type			
Lab ID	Sample #	Sample Description	Date	Time	Comp	Grab	Matrx	containers	Preservative	Analyses Requested		
12H3338	I	Groundwater Peter Cooper Landfill	8-22-12	24HR	X	*	gw	1	plastic No Preservation	BOD5, TSS, SO4		
		Groundwater	"	"	X	*	gw	1	plastic NaOH/Zn acetate	SO2		
		Groundwater	"	"	X	*	gw	1	plastic H2SO4	Phenol (total)		
		Groundwater	"	"	X	*	gw	1	plastic H2SO4	Kjeldahl Nitrogen (TKN)		
		Groundwater	"	"	X	*	gw	1	plastic H2SO4	NH3		
		Groundwater			X	ww	1	plastic H2SO4	Total Organic Halogens (TOX)			
12H3339		GROUNDWATER	"	"	X	gw	1			624 VIALS METALS		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Comments or Special Hazards: MUSTIN
	8-23-12			8/23	0852	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
	8-23	1515				
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	pH-Field:
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	





Microbac Laboratories, Inc.

Erie Division

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Larry Lewis, Managing Director • E-mail: erie@microbac.com • http://www.microbac.com

CERTIFICATE OF ANALYSIS

Work Order Number:
12H3339

Gowanda, Village Of
Attn: Mike Hutchinson
27 East Main
Gowanda, NY 14070

Date Reported 09/06/2012
Date Received 08/23/2012
Account Number 00000007266



Purchase Order:

Subject: Quarterly Peter Cooper Samples

SMP	TEST	METHOD	RESULT	UNITS	ANALYSIS		
					DATE	TIME	TECH
01	Groundwater Sample Date: 08/23/2012						
	Arsenic, Graphite Furnace	SM 3113B	0.016 mg/L		08/27/12	16:02	BJJ
	Cadmium	EPA 200.7	<0.003 mg/L		08/28/12	15:37	MWR
	Chromium	EPA 200.7	0.048 mg/L		08/28/12	15:35	MWR
	Copper	EPA 200.7	0.024 mg/L		08/28/12	15:34	MWR
	Lead	EPA 200.7	<0.010 mg/L		08/28/12	15:37	MWR
	Mercury	SM 3112 B	<0.0002 mg/L		08/31/12	11:59	BJJ
	Nickel	EPA 200.7	<0.010 mg/L		08/28/12	15:35	MWR
	Silver	EPA 200.7	<0.010 mg/L		08/28/12	15:34	MWR
	Zinc	EPA 200.7	<0.010 mg/L		08/28/12	15:36	MWR
	Volatile Organics-Special	E624			08/28/12	23:54	ADC
	Benzene		<5.00 ug/L		08/28/12	23:54	ADC U
	1,1,1,2-Tetrachloroethane		<1.00 ug/L		08/28/12	23:54	ADC U
	1,1,1-Trichloroethane		<1.00 ug/L		08/28/12	23:54	ADC U
	Toluene		<5.00 ug/L		08/28/12	23:54	ADC U
	1,1,2,2-Tetrachloroethane		<1.00 ug/L		08/28/12	23:54	ADC U
	Xylenes (total)		<5.00 ug/L		08/28/12	23:54	ADC U
	1,1,2-Trichloroethane		<1.00 ug/L		08/28/12	23:54	ADC U
	1,1-Dichloroethane		<1.00 ug/L		08/28/12	23:54	ADC U
	1,1-Dichloroethene		<1.00 ug/L		08/28/12	23:54	ADC U
	1,1-Dichloropropene		<1.00 ug/L		08/28/12	23:54	ADC U
	1,2,3-Trichlorobenzene		<1.00 ug/L		08/28/12	23:54	ADC U
	1,2,3-Trichloropropane		<1.00 ug/L		08/28/12	23:54	ADC U
	1,2,4-Trichlorobenzene		<0.400 ug/L		08/28/12	23:54	ADC U
	1,2,4-Trimethylbenzene		<1.00 ug/L		08/28/12	23:54	ADC U
	1,2-Dibromo-3-chloropropane		<2.00 ug/L		08/28/12	23:54	ADC U
	1,2-Dibromoethane		<1.00 ug/L		08/28/12	23:54	ADC U
	1,2-Dichlorobenzene		<1.00 ug/L		08/28/12	23:54	ADC U

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Gowanda, Village Of
Attn: Mike Hutchinson
27 East Main
Gowanda, NY 14070

Date Reported 09/06/2012
Date Received 08/23/2012
Account Number 00000007266



Purchase Order:

Subject: Quarterly Peter Cooper Samples

SMP	TEST	METHOD	RESULT	UNITS	ANALYSIS			NOTES
					DATE	TIME	TECH	
01	Groundwater Sample Date: 08/23/2012							...continued
	1,2-Dichloroethane		<1.00 ug/L		08/28/12	23:54	ADC	U
	1,2-Dichloropropane		<1.00 ug/L		08/28/12	23:54	ADC	U
	1,3,5-Trimethylbenzene		<1.00 ug/L		08/28/12	23:54	ADC	U
	1,3-Dichlorobenzene		<1.00 ug/L		08/28/12	23:54	ADC	U
	1,3-Dichloropropane		<0.400 ug/L		08/28/12	23:54	ADC	U
	1,4-Dichlorobenzene		<0.400 ug/L		08/28/12	23:54	ADC	U
	1-Bromopropane		<1.00 ug/L		08/28/12	23:54	ADC	U
	2,2-Dichloropropane		<1.00 ug/L		08/28/12	23:54	ADC	U
	2-Butanone		<5.00 ug/L		08/28/12	23:54	ADC	U
	2-Chloroethyl vinyl ether		<5.00 ug/L		08/28/12	23:54	ADC	U
	2-Chlorotoluene		<1.00 ug/L		08/28/12	23:54	ADC	U
	2-Hexanone		<5.00 ug/L		08/28/12	23:54	ADC	U
	4-Chlorotoluene		<1.00 ug/L		08/28/12	23:54	ADC	U
	4-Methyl-2-pentanone		<5.00 ug/L		08/28/12	23:54	ADC	U
	Acetone		<5.00 ug/L		08/28/12	23:54	ADC	U
	Acrolein		<100 ug/L		08/28/12	23:54	ADC	U
	Acrylonitrile		<5.00 ug/L		08/28/12	23:54	ADC	U
	Bromobenzene		<1.00 ug/L		08/28/12	23:54	ADC	U
	Bromochloromethane		<1.00 ug/L		08/28/12	23:54	ADC	U
	Bromodichloromethane		<1.00 ug/L		08/28/12	23:54	ADC	U
	Bromoform		<1.00 ug/L		08/28/12	23:54	ADC	U
	Bromomethane		<1.00 ug/L		08/28/12	23:54	ADC	U
	Carbon tetrachloride		<1.00 ug/L		08/28/12	23:54	ADC	U
	Chlorobenzene		<1.00 ug/L		08/28/12	23:54	ADC	U
	Chlorodibromomethane		<1.00 ug/L		08/28/12	23:54	ADC	U
	Chloroethane		<1.00 ug/L		08/28/12	23:54	ADC	U
	Chloroform		<1.00 ug/L		08/28/12	23:54	ADC	U
	Chloromethane		<1.00 ug/L		08/28/12	23:54	ADC	U
	cis-1,2-Dichloroethene		<1.00 ug/L		08/28/12	23:54	ADC	U

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Work Order Number:
12H3339

Gowanda, Village Of
Attn: Mike Hutchinson
27 East Main
Gowanda, NY 14070

Date Reported 09/06/2012
Date Received 08/23/2012
Account Number 000000007266



Purchase Order:

Subject: Quarterly Peter Cooper Samples

ANALYSIS

SMP	TEST	METHOD	RESULT	UNITS	DATE	TIME	TECH	NOTES
01	Groundwater Sample Date: 08/23/2012							<i>...continued</i>
	cis-1,3-Dichloropropene		<1.00	ug/L	08/28/12	23:54	ADC	U
	Dibromomethane		<1.00	ug/L	08/28/12	23:54	ADC	U
	Dichlorodifluoromethane		<1.00	ug/L	08/28/12	23:54	ADC	U
	Ethylbenzene		<1.00	ug/L	08/28/12	23:54	ADC	U
	Hexachlorobutadiene		<1.00	ug/L	08/28/12	23:54	ADC	U
	Isopropylbenzene		<1.00	ug/L	08/28/12	23:54	ADC	U
	m-,p-Xylene		<1.00	ug/L	08/28/12	23:54	ADC	U
	Methyl t-butyl ether (MTBE)		<1.00	ug/L	08/28/12	23:54	ADC	U
	Methylene chloride		<1.00	ug/L	08/28/12	23:54	ADC	U
	n-Butylbenzene		<1.00	ug/L	08/28/12	23:54	ADC	U
	n-Propylbenzene		<1.00	ug/L	08/28/12	23:54	ADC	U
	Naphthalene		<1.00	ug/L	08/28/12	23:54	ADC	U
	o-Xylene		<1.00	ug/L	08/28/12	23:54	ADC	U
	p-Isopropyltoluene		<1.00	ug/L	08/28/12	23:54	ADC	U
	sec-Butylbenzene		<1.00	ug/L	08/28/12	23:54	ADC	U
	Styrene		<1.00	ug/L	08/28/12	23:54	ADC	U
	tert-Butylbenzene		<1.00	ug/L	08/28/12	23:54	ADC	U
	Tetrachloroethene		<1.00	ug/L	08/28/12	23:54	ADC	U
	trans-1,2-Dichloroethene		<1.00	ug/L	08/28/12	23:54	ADC	U
	trans-1,3-Dichloropropene		<1.00	ug/L	08/28/12	23:54	ADC	U
	trans-1,4-Dichloro-2-Butene		<5.00	ug/L	08/28/12	23:54	ADC	U
	Trichloroethene		<1.00	ug/L	08/28/12	23:54	ADC	U
	Trichlorofluoromethane		<1.00	ug/L	08/28/12	23:54	ADC	U
	Vinyl chloride		<1.00	ug/L	08/28/12	23:54	ADC	U

Order Notes

The Volatile Organics analyses were sub-contracted to Microbac Laboratories, Inc./Ohio Valley Division. NELAC PA lab ID #68-01670 (W.O. L12080742)

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Purchase Order:

Subject: Quarterly Peter Cooper Samples

ANALYSIS

SMP	TEST	METHOD	RESULT	UNITS	DATE	TIME	TECH	NOTES
-----	------	--------	--------	-------	------	------	------	-------

All samples received in proper condition and results conform to ISO 17025 unless otherwise noted

Some or all of the samples were collected by the customer. The verifiability of the final results are therefore limited by the customer's reported values. Microbac Laboratories, Inc. assumes that all sampling instructions are followed, and the data upon which these final results are based, have been accurately supplied by the client.

Notes and Definitions

U Not detected at or above adjusted sample detection limit

J [Undefined]

* [Undefined]

Reviewed and Approved By:

Date Reviewed and Approved:

09/06/2012

Cheri Estes

Lab Manager/QAO, Microbac Laboratories, Inc./Erie Division

Report released by Cheri Estes

Any questions regarding this report, please contact your account manager.

As Regulatory limits frequently change, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits with the appropriate Federal, state or local authorities before acting on the data provided. For feedback concerning our services, please contact the Managing Director, or James Nokes, President, at president@microbac.com.

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MEMBER





VILLAGE OF GOWANDA

"Gateway to the Southern Tier"

27 E Main Street ♦ Gowanda NY 14070

(716)532-3353 ♦ Fax (716)532-2938

"The Village of Gowanda is an Equal Opportunity Provider and Employer."

TO: Investment Management Services
For: PC Superfund Site
870 Westminster St. RWR 110
Providence, RI 02903

August 28, 2013

Cc: Gowanda Area Redevelopment Corp.
Benchmark Analytical
Andy Carriero, Gowanda Wastewater Treatment Plant
Cindy Schilling, Gowanda Village Treasurer

Re: Invoice 1007
Exhibit L to Site Agreement for the Peter Cooper Landfill NPL Site

Leachate Monitoring

138 Palmer Street, Gowanda NY

Electrical Service (NYSEG)

3/6/-4/4/13	223.77
4/5-5/3/13	252.62
5/4-6/7/13	155.14
7/9-8/7/13	<u>85.62</u>
<i>Subtotal</i>	<i>\$717.15</i>

6/30/2013 sewer bill \$313.50

Labor

Mowing and brush hog
7/17-7/24/13 27.5 hours
(see attached) \$727.93

Landfill Samples (Microbac)

Inv. #CA3B01507	25.59
Inv. #CA3G02901	<u>112.68</u>
<i>Subtotal</i>	<i>\$138.27</i>

Total: \$1,896.85

**Please make checks payable to:
Village of Gowanda**

Mayor: Heather McKeever ♦ **Trustees:** Carol Sheibley ♦ John Certis ♦ Dale DeCarlo ♦ Paul Zimmerman
♦ **Village Clerk:** Kathleen Mohawk ♦ **Treasurer:** Cindy Schilling ♦ **Attorney for the Village:** Deborah Chadsey
♦ **Building Inspector/Code Enforcement:** Gary Brecker
♦ **Officer In Charge:** Joseph Alessi ♦ **Highway Supervisor:** Gary Denea
♦ **Sewer Supervisor:** Andrew Carriero ♦ **Water Supervisor:** George Dubaj

Attachment 3.0
Gowanda Peter Cooper
Site Improvements
Park Design Documents

Master Plan for Zoar Valley Gateway Park - Gowanda, NY

Sheet 1 of 2

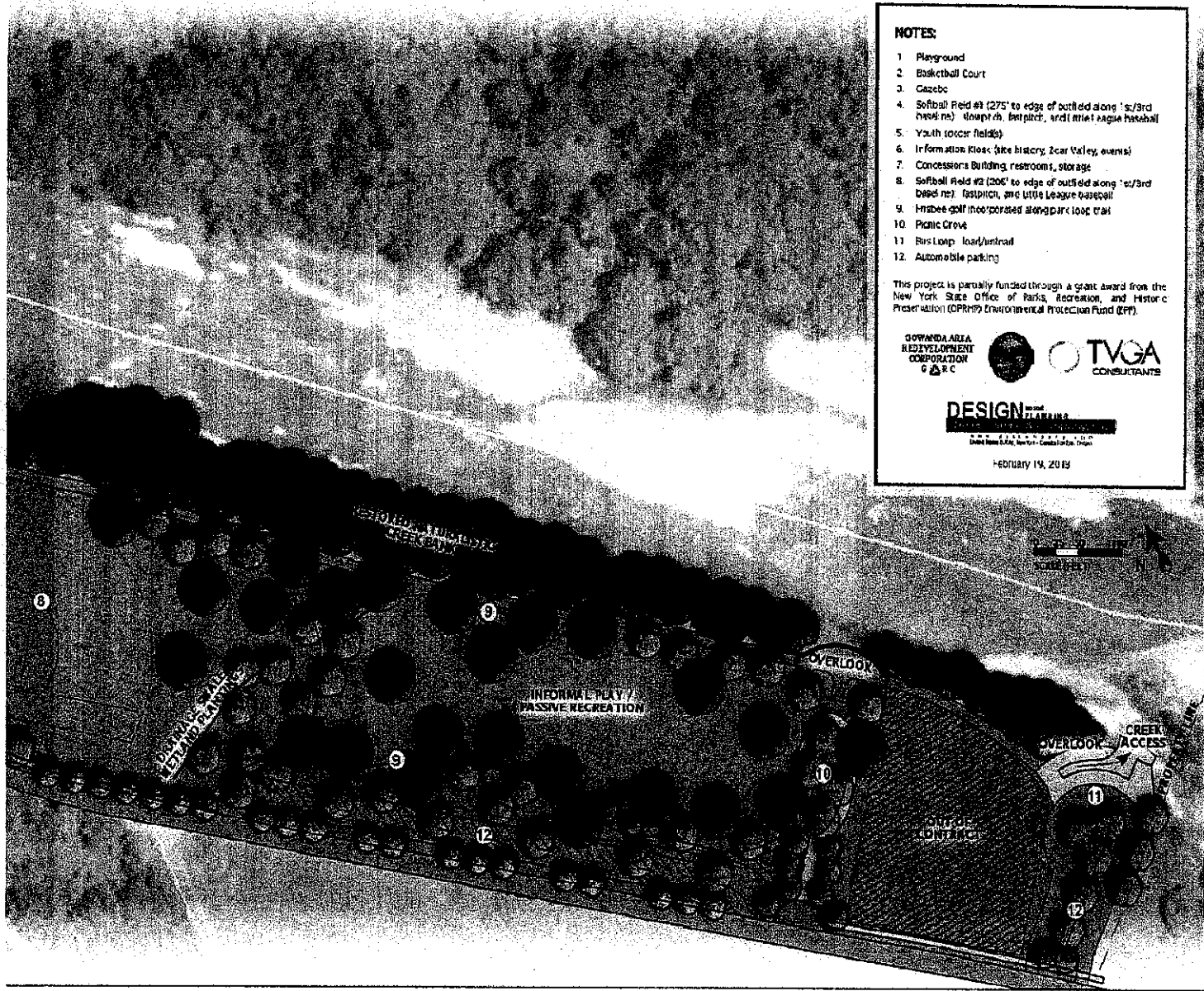


Continued on Sheet 2

Master Plan for Zoar Valley Gateway Park - Gowanda, NY

Sheet 2 of 2

Continued from Sheet 1



NOTES:

1. Playground
2. Basketball Court
3. Cazebo
4. Softball Field #1 (275' to edge of outfield along 1st/3rd base line) - baseball, softball, and Little League baseball
5. Youth soccer fields
6. Information Kiosk (site history, Zoar Valley, events)
7. Concessions Building, restroom, storage
8. Softball field #2 (206' to edge of outfield along 1st/3rd base line) - baseball, and Little League baseball
9. Hobbies/golf incorporated along park loop trail
10. Picnic Grove
11. Bus Loop - load/unload
12. Automobile parking

This project is partially funded through a grant award from the New York State Office of Parks, Recreation, and Historic Preservation (OPRHP) Environmental Protection Fund (EPF).

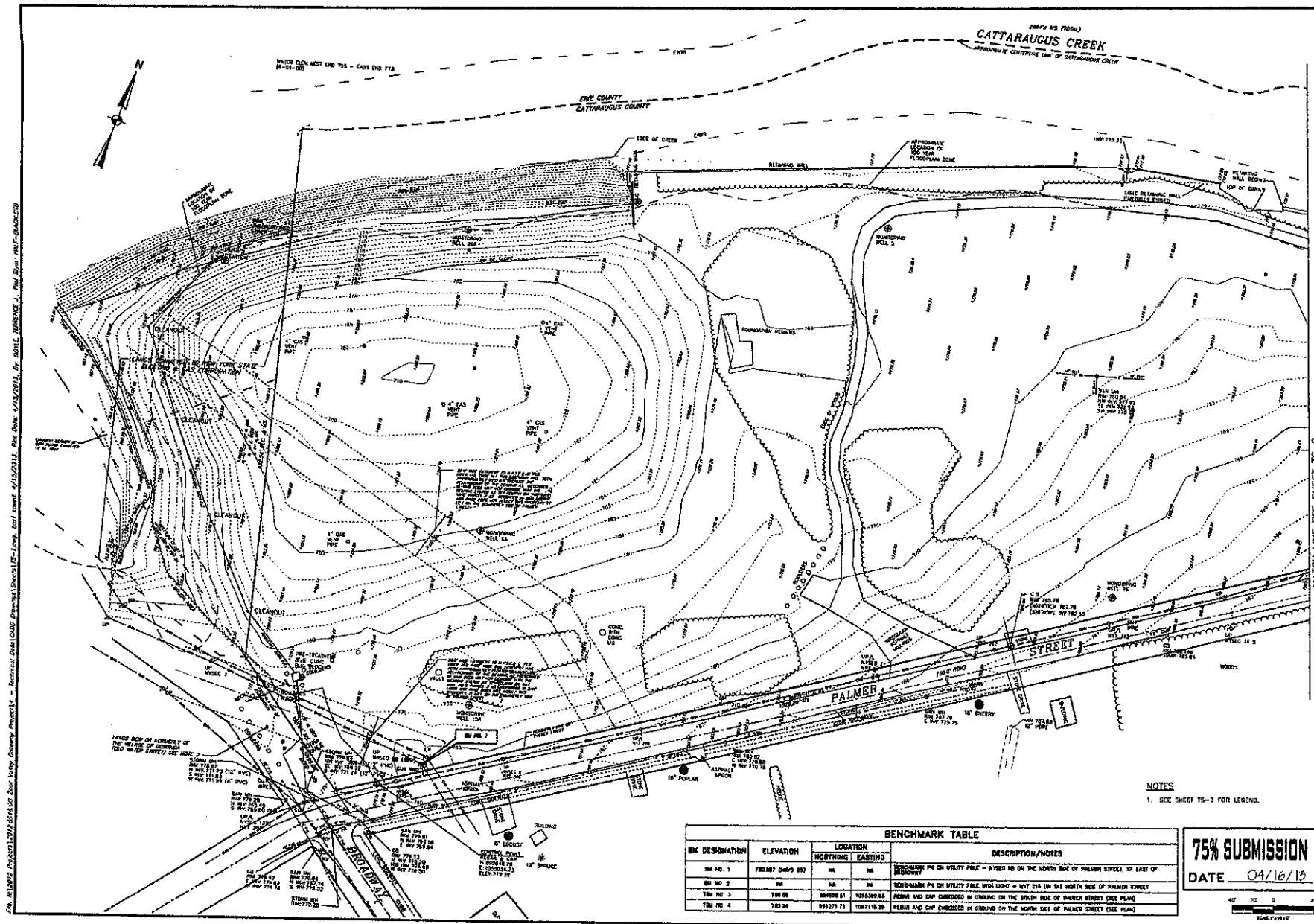
GOWANDA AREA
REDEVELOPMENT
CORPORATION
GARC



TVGA
CONSULTANTS

DESIGN
LANDSCAPE ARCHITECTURE
PLANNING

FEBRUARY 19, 2013



2014-01-20/21 Project: 13012-05-05-02 Zoon Urban Gateway Project 14 - Technical Draft (20) Proposed Sheet (TS-1) Top, East, Front, and Side Views - 4/16/2013, File Date: 4/16/2013, By: KYLE TORRES, J., File Size: 1417-04-02-00

MATCH LINE SEE SHEET TS-2

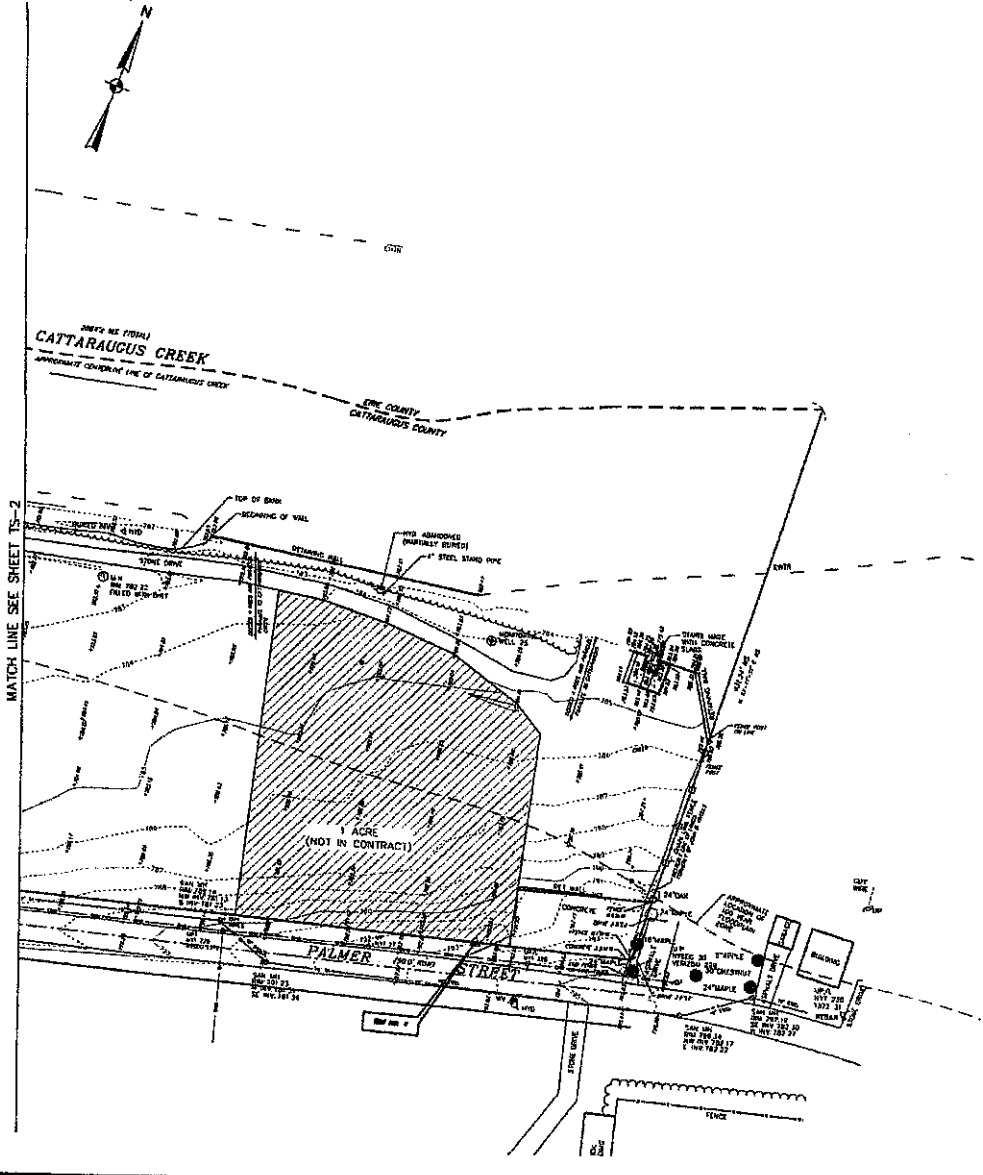
 TVGA CONSULTANTS 1000 W. MAIN ST. #100 BUFFALO, NY 14202 TEL: 716-835-1100 FAX: 716-835-1101 WWW.TVGA-CONSULTANTS.COM		Project No.: 13012-05-05-02 Sheet No.: 201304-02 Date: 04/16/13 Checked By: J.T.
STATE OF NEW YORK COUNTY OF CATTARAUGUS ZOON VALLEY GATEWAY PARK PRELIMINARY DESIGN PLANS EXISTING TOPOGRAPHY		
75% SUBMISSION DATE <u>04/16/13</u>		
SHEET NUMBER: TS-1 SHEET 4 OF 18		

BENCHMARK TABLE				
BM DESIGNATION	ELEVATION	LOCATION		DESCRIPTION/NOTES
		NORTHING	EASTING	
BM NO. 1	782.87 (DMS) 892	84	86	BENCHMARK PIN ON UTILITY POLE - 8" VEEB 80 ON THE NORTH SIDE OF PALMER STREET, 34' EAST OF PROPERTY
BM NO. 2	781.00	84	86	BENCHMARK PIN ON UTILITY POLE WITH LIGHT - 8" VEEB 80 ON THE NORTH SIDE OF PALMER STREET
BM NO. 3	789.88	884888.81	1245859.81	REBAR AND CAP EMBEDDED IN CURBING IN THE SOUTH SIDE OF PALMER STREET (SEE PLAN)
BM NO. 4	783.24	884271.74	108718.24	REBAR AND CAP EMBEDDED IN CURBING ON THE NORTH SIDE OF PALMER STREET (SEE PLAN)

NOTES
1. SEE SHEET TS-3 FOR LEGEND.



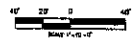
File: N:\1912\19120424\19120424.dwg Plot Date: 4/16/2013, 09:41:00 AM Job Name: 19120424.dwg User: jason@tva.com
 Job: N:\1912\19120424\19120424.dwg Plot Date: 4/16/2013, 09:41:00 AM Job Name: 19120424.dwg User: jason@tva.com



- | | | | |
|----------------|-------------------|----------------|-----------------------|
| ▲ CONC MON | CONCRETE MONUMENT | ● TREE MARK | DECIDUOUS TREE |
| ▲ FH | RAIL | ● TREE MARK | CONIFEROUS TREE |
| ▲ REBAR | REBAR | ● TRAFFIC SIGN | TRAFFIC SIGN |
| ▲ SP | SPARK PIPE | ● SIGN | ROUND SIGN |
| ▲ HUB AND TACK | HUB AND TACK | ● SIGN | ROUND DATED SIGN |
| | | ● SIGN | CATCH BASIN |
| | | ● STORM SH | STORM MANHOLE |
| | | ● SAN SH | SANitary MANHOLE |
| | | ● CO | CLEANOUT |
| | | ● TUB | TELEPHONE BOX |
| | | ● ELEC BOX | ELECTRIC BOX |
| | | ● POST | POST |
| | | ● SIGN | ONE POST SIGN |
| | | ● SIGN | TWO POST SIGN |
| | | ● DEL | DELIMITATOR |
| | | ● NO | ONE HEAD LIGHT POLE |
| | | ● LP | THREE HEAD LIGHT POLE |
| | | ● LP | EDGE OF WATER |
| | | ● EVER | |

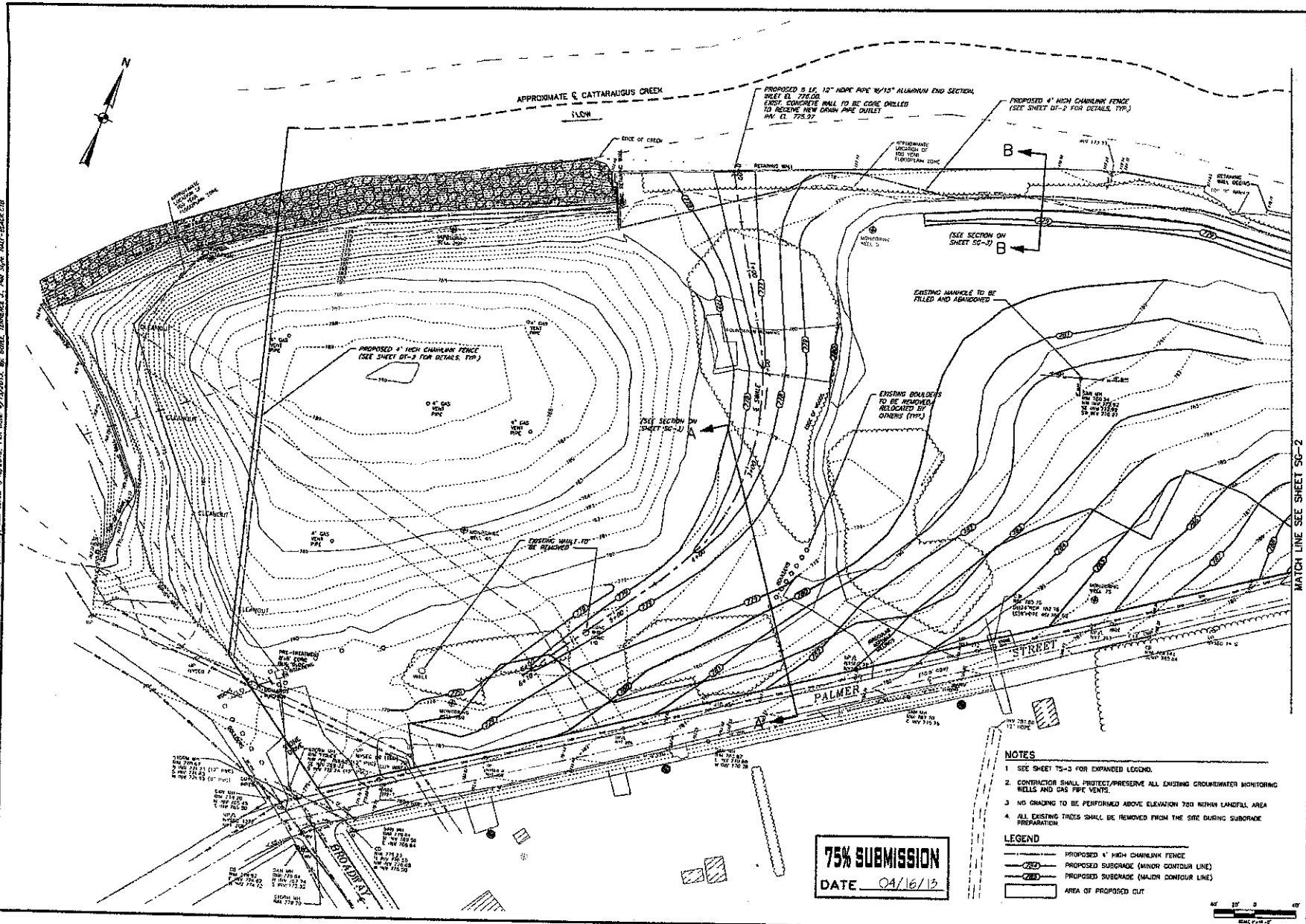
1. THE INFORMATION UTILIZED HEREON HAS BEEN OBTAINED FROM FIELD SURVEY INFORMATION. THE SURVEYOR MAKES NO WARRANTY THAT THE INFORMATION IS CORRECT OR COMPLETE. THE SURVEYOR IS NOT RESPONSIBLE FOR THE ACCURACY OF ANY INFORMATION NOT OBTAINED FROM HIS OWN SURVEY. THE SURVEYOR IS NOT RESPONSIBLE FOR THE ACCURACY OF ANY INFORMATION NOT OBTAINED FROM HIS OWN SURVEY. THE SURVEYOR IS NOT RESPONSIBLE FOR THE ACCURACY OF ANY INFORMATION NOT OBTAINED FROM HIS OWN SURVEY.

75% SUBMISSION
 DATE 04/16/13



STATE OF NEW YORK CATTARAUGUS COUNTY	ZOVARI VALLEY GATEWAY PARK PRELIMINARY DESIGN PLANS EXISTING TOPOGRAPHY
PROJECT NO. 19120424 SHEET NO. TB-3 DATE 04/16/13	DRAWN BY: JASON CHECKED BY: JASON SCALE: AS SHOWN DATE: 04/16/13
SHEET TB-3 SHEET 4 OF 13	

The N.Y.S. DEPT. OF ENVIRONMENTAL CONSERVATION, DIVISION OF PLANNING AND CONSTRUCTION, HAS REVIEWED THIS PLAN AND FOUND IT TO BE IN ACCORDANCE WITH THE SUBDIVISION MAPS ACT AND REGULATIONS THEREUNDER. THIS REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE PLAN AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED HEREON.



75% SUBMISSION
 DATE 04/16/13

- NOTES**
- SEE SHEET TS-3 FOR EXPANDED LEGEND.
 - CONTRACTOR SHALL PROTECT/PRESERVE ALL EXISTING CROPLAND MONITORING WELLS AND GAS PIPE VENTS.
 - NO GRADING TO BE PERFORMED ABOVE ELEVATION 700 WITHIN LANDFILL AREA.
 - ALL EXISTING TREES SHALL BE REMOVED FROM THE SITE DURING SUBGRADE PREPARATION.
- LEGEND**
- PROPOSED 4' HIGH CHAINLINK FENCE
 - PROPOSED SUBGRADE (MINOR CONTOUR LINE)
 - PROPOSED SUBGRADE (MAJOR CONTOUR LINE)
 - AREA OF PROPOSED CUT



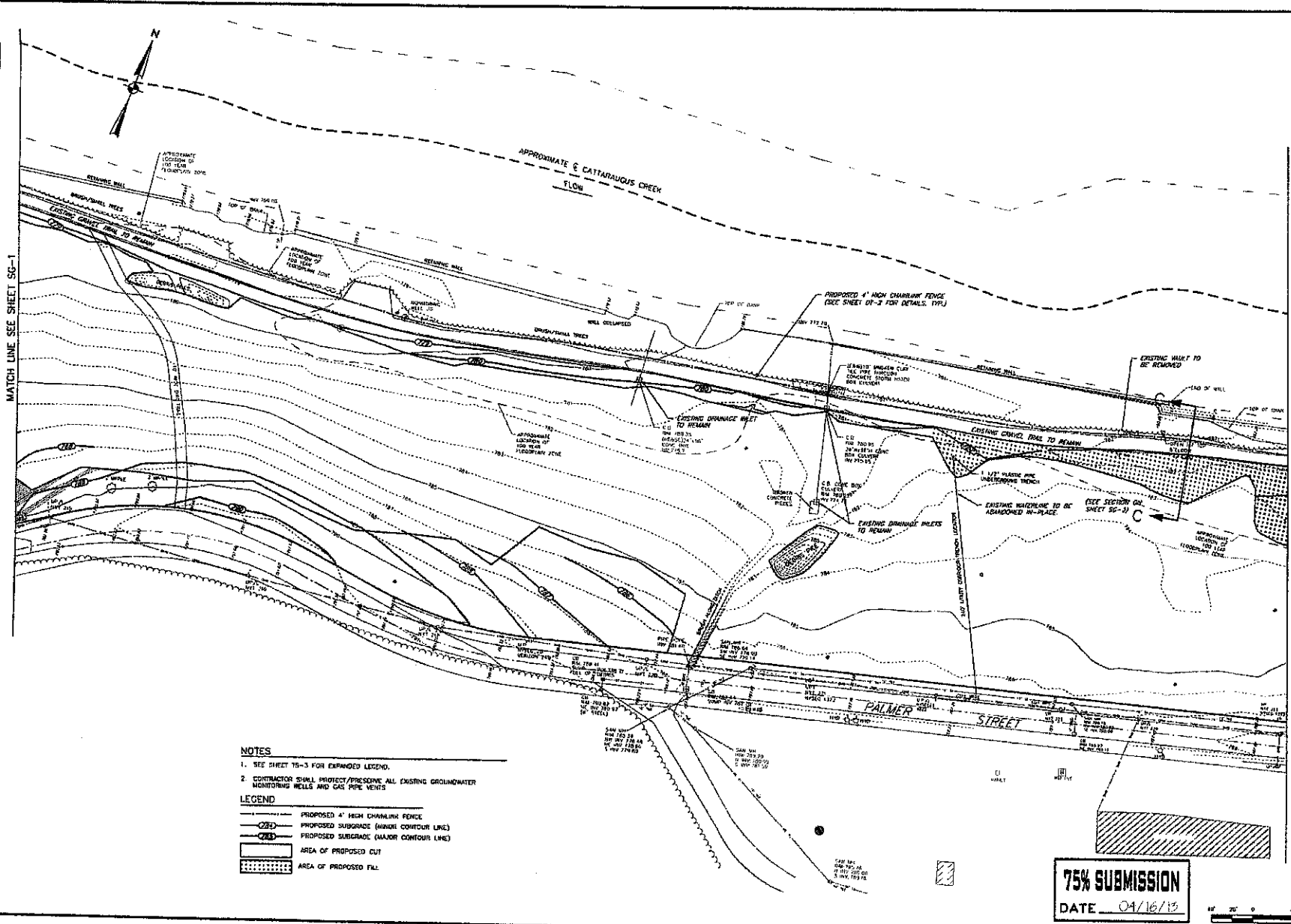
STATE OF NEW YORK
 COUNTY OF CATTARAUGUS
 ZOAIR VALLEY GATEWAY PARK
 PRELIMINARY DESIGN PLANS
 PROPOSED SUBGRADE PLAN

MATCH LINE SEE SHEET SC-2

DATE	04/16/13
SCALE	AS SHOWN
PROJECT NO.	13012.0000
SHEET NO.	80-1
TOTAL SHEETS	10

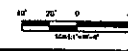
SHEET REFERENCE NUMBER
80-1
 SHEET 8 OF 10

Plan: 4/18/17, Project: 18172.0516200, Zodar Valley Gateway Project, 4 - Technical Data (2000 Dimensions) Details: SQ-2 - Top, Last issued: 4/16/2017, File Code: 4/16/2017, By: ERIC, Engineer, J. And Spn: 1407-SQ-2-CR



- NOTES**
- SEE SHEET 75-3 FOR EXPANDED LEGEND.
 - CONTRACTOR SHALL PROTECT/PRESERVE ALL EXISTING GROUNDWATER MONITORING WELLS AND GAS PIPE VENTS.
- LEGEND**
- PROPOSED 4' HIGH CHAMALIM FENCE
 - PROPOSED SUBGRADE (MINOR CONTOUR LINE)
 - PROPOSED SUBGRADE (MAJOR CONTOUR LINE)
 - AREA OF PROPOSED CUT
 - AREA OF PROPOSED FILL

75% SUBMISSION
 DATE 04/16/17



MATCH LINE SEE SHEET SQ-1

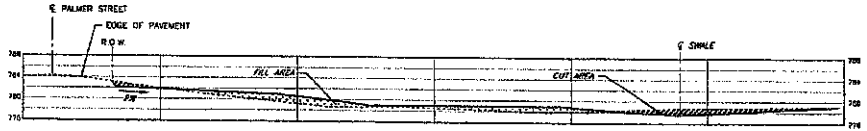
MATCH LINE SEE SHEET SQ-3

OTVGA		STATE OF NEW YORK	
CONSULTANTS		ZODAR VALLEY GATEWAY PARK	
100 WEST 10TH STREET SARASOTA, FLORIDA 34236		PRELIMINARY DESIGN PLANS	
PROJECT NO. 18172.0516200		PROPOSED SUBGRADE PLAN	
Project No.	18172.0516200	Scale	AS SHOWN
Drawn By	ERIC	Check By	ERIC
Scale	AS SHOWN	Sheet No.	SQ-2
Date	04/16/17	Project No.	18172.0516200
Author	ERIC	Revision	
Checker	ERIC	Revision	
Engineer	ERIC	Revision	
City	SARASOTA	Revision	
State	FLORIDA	Revision	
Country	USA	Revision	

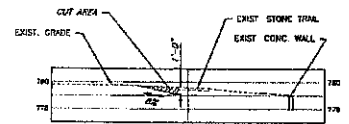
SHEET REFERENCE NUMBER: SQ-2

SHEET # OF 18

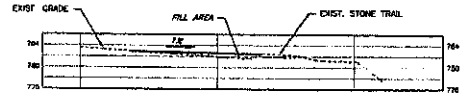
File: A112012 Progress\2012\05\04\09_Zoar Valley Gateway Project\14 - Groundwater Design\Sheet\SG-3.dwg, last saved: 4/15/2013, Plot Date: 4/15/2013, By: ANNE TRENKLE, Plot Style: NPLT-Black.ctb



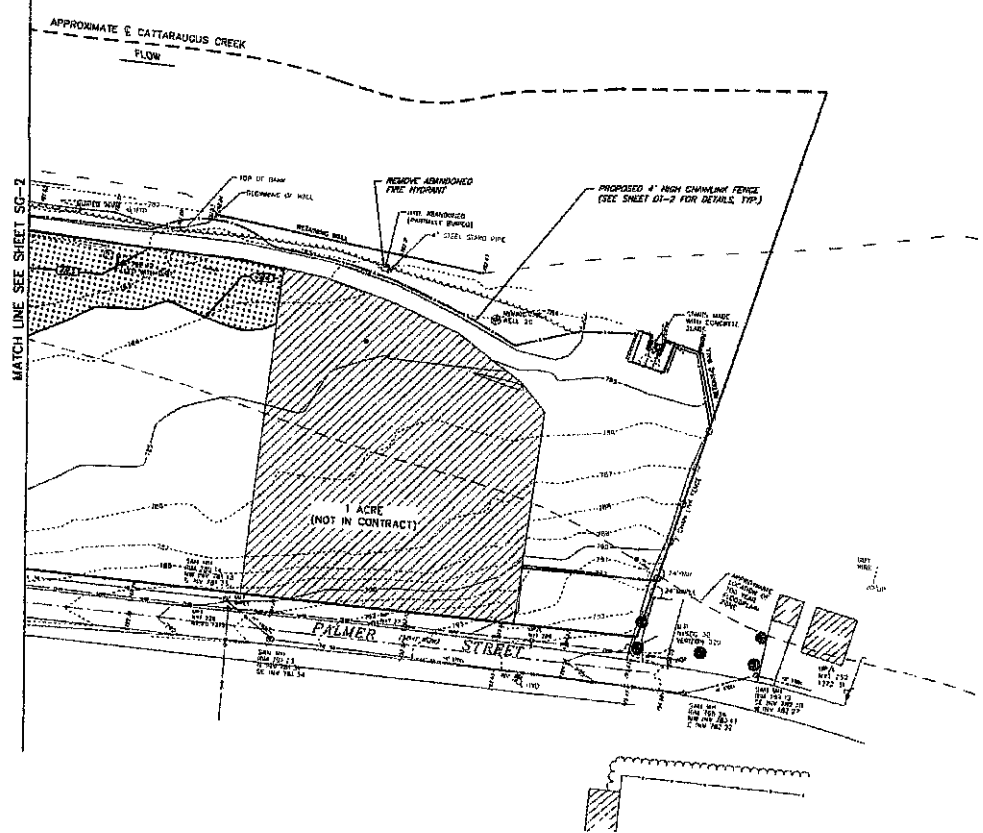
SECTION A - A
NOT TO SCALE



SECTION B - B
NOT TO SCALE



SECTION C - C
NOT TO SCALE



- NOTES**
- SEE SHEET TS-3 FOR EXPANDED LEGEND.
 - CONTRACTOR SHALL PROTECT/PRESERVE ALL EXISTING GROUNDWATER MONITORING WELLS AND GAS PIPE VENTS.

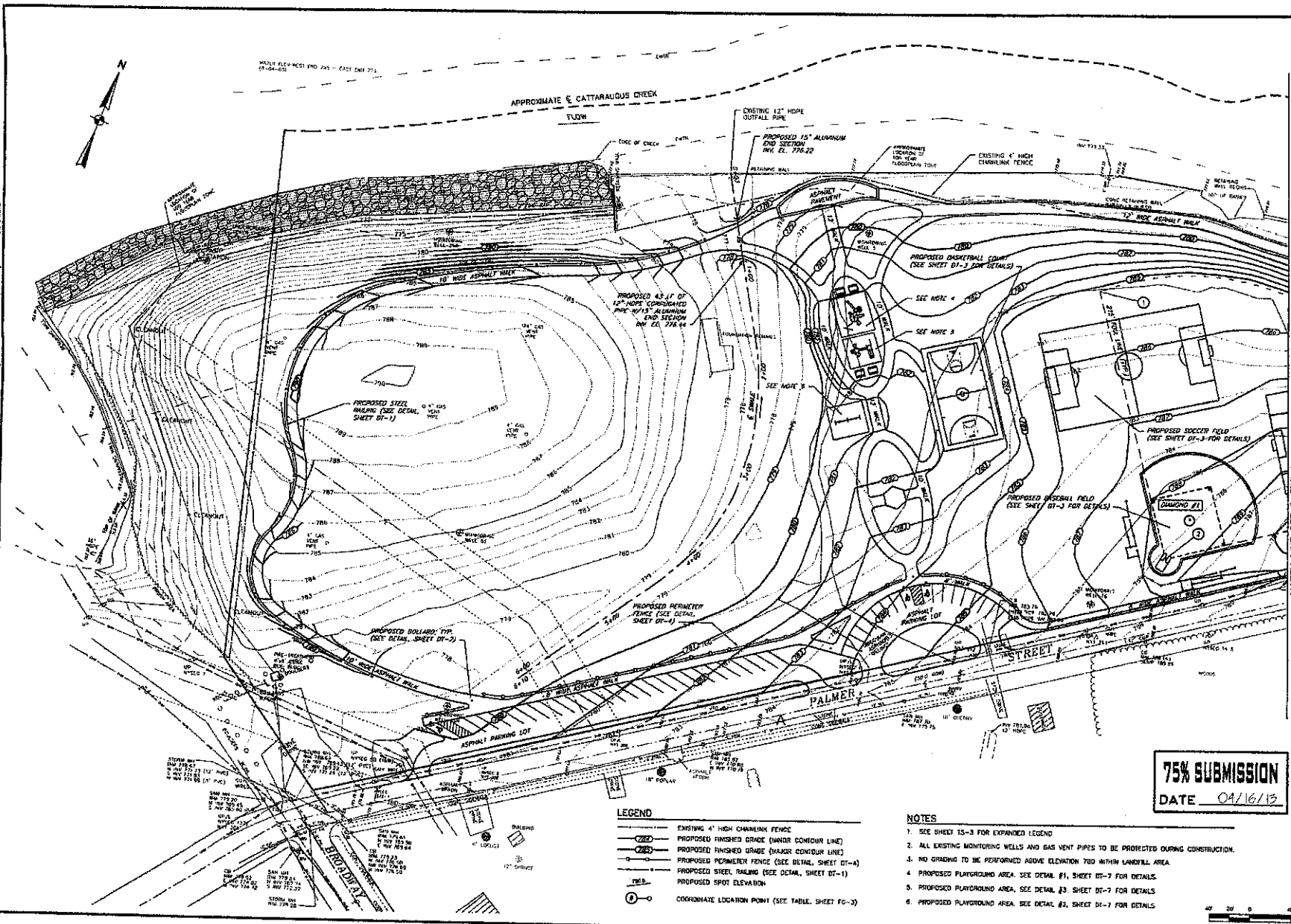
- LEGEND**
- PROPOSED 4' HIGH CHAINLINK FENCE
 - PROPOSED SUBGRADE (MINOR CONTOUR LINE)
 - PROPOSED SUBGRADE (MAJOR CONTOUR LINE)
 - AREA OF PROPOSED FILL

75% SUBMISSION
DATE 04/16/13



<p>DATE: 04/16/13 DRAWN BY: GJZ/ELS CHECKED BY: JAL/MS DESIGNED BY: GJZ/ELS PROJECT NO.: 121201000 SHEET NO.: 42 TOTAL SHEETS: 42</p>	<p>STATE OF NEW YORK SEALS AND EXPIRATION DATES: REGISTERED PROFESSIONAL ENGINEER LICENSE NO. 11414 EXPIRES 12/31/13 REGISTERED PROFESSIONAL SURVEYOR LICENSE NO. 11414 EXPIRES 12/31/13</p>
<p>OTVGA CONSULTANTS 1000 WEST 10TH STREET SUITE 200 ALBANY, NY 12206 TEL: 518-862-1111 FAX: 518-862-1112</p>	
<p>STATE OF NEW YORK ZOAR VALLEY GATEWAY PARK PRELIMINARY DESIGN PLANS PROPOSED SUBGRADE PLAN</p>	
<p>SHEET NUMBER SG-3 SHEET 7 OF 18</p>	

No. 410942 Project 15022 (01/08/00 Rev. 04/16/15) - Town of Zionsville, Indiana
 Prepared by: [Firm Name] - [Firm Name]
 Date: 04/16/15
 Project: Zionsville Gateway Park
 Sheet: FG-1 of 10



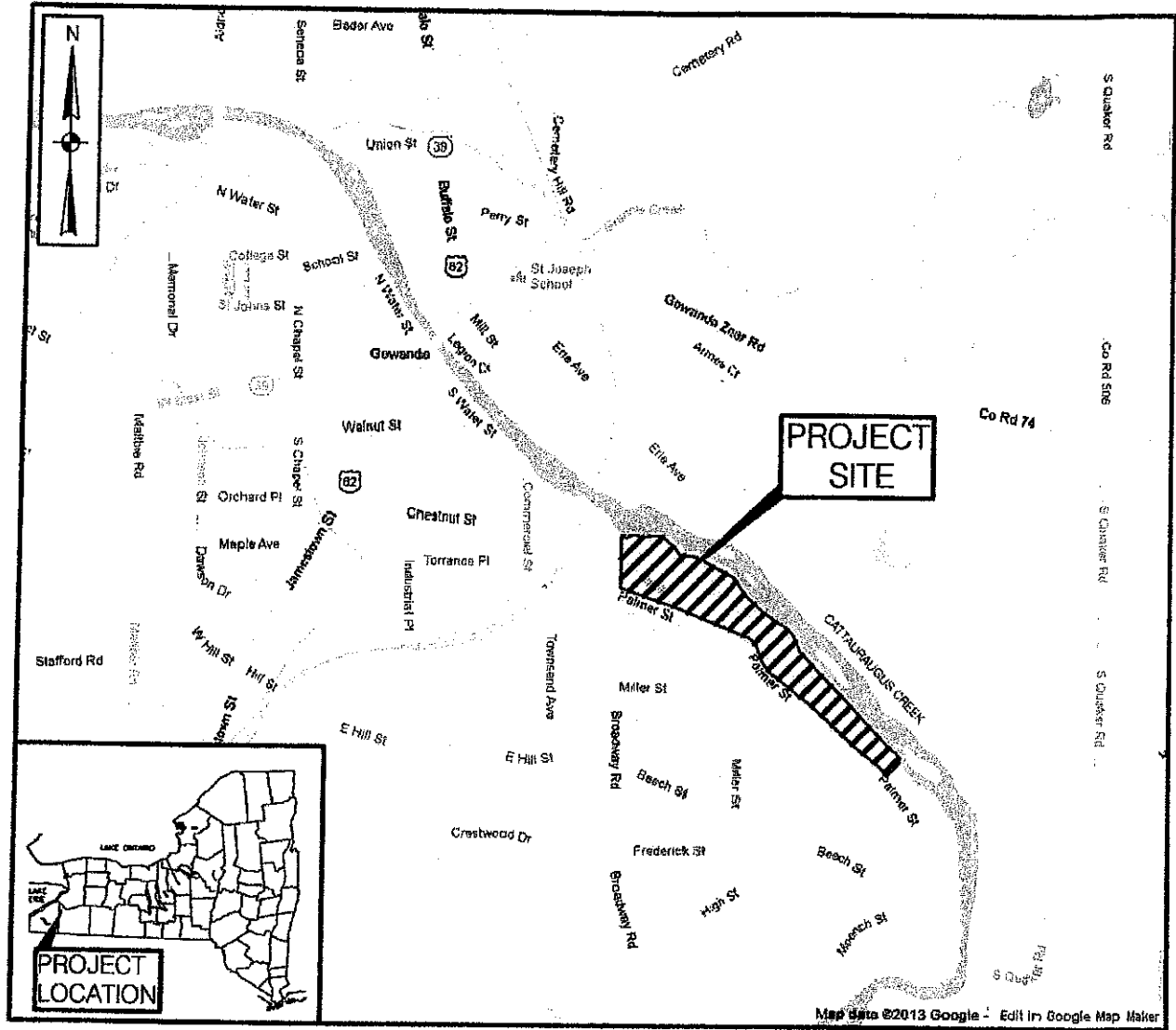
- LEGEND**
- 4" — EXISTING 4" HIGH CHAINLINK FENCE
 - 2' — PROPOSED FINISHED GRADE (MAJOR CONTOUR LINE)
 - 2' — PROPOSED FINISHED GRADE (MINOR CONTOUR LINE)
 - — PROPOSED PERIMETER FENCE (SEE DETAIL, SHEET DT-4)
 - — PROPOSED STEEL RAILING (SEE DETAIL, SHEET DT-1)
 - — PROPOSED SPOT ELEVATION
 - — COORDINATE LOCATION POINT (SEE TABLE, SHEET FG-3)

- NOTES**
1. SEE SHEET 15-3 FOR EXPANDED LEGEND
 2. ALL EXISTING MONITORING WELLS AND GAS VENT PIPES TO BE PROTECTED DURING CONSTRUCTION.
 3. NO GRADING TO BE PERFORMED ABOVE ELEVATION 700 WITHIN LANDFILL AREA.
 4. PROPOSED PLAYGROUND AREA. SEE DETAIL #1, SHEET DT-7 FOR DETAILS.
 5. PROPOSED PLAYGROUND AREA. SEE DETAIL #2, SHEET DT-7 FOR DETAILS.
 6. PROPOSED PLAYGROUND AREA. SEE DETAIL #3, SHEET DT-7 FOR DETAILS.

75% SUBMISSION
 DATE 04/16/15



TVCA TOWN OF ZIONSVILLE COMMUNITY DEVELOPMENT ENGINEERING & LAND SERVICES 10000 ZIONSVILLE AVENUE ZIONSVILLE, INDIANA 46088 PHONE: 317.825.1000 FAX: 317.825.1001 WWW: WWW.TVCA.IND.GOV	
PROJECT NO. 15022 SHEET NO. FG-1 SHEET TITLE ZIONSVILLE GATEWAY PARK PRELIMINARY DESIGN PLANS PROPOSED FINISHED GRADE DATE 04/16/15 DRAWN BY [Name] CHECKED BY [Name]	SCALE: AS SHOWN MATCH LINE SEE SHEET FG-2 SHEET NUMBER FG-1 SHEET 1 OF 10



PROJECT SITE MAP
NOT TO SCALE

**ZOAR VALLEY GATEWAY PARK
GOWANDA, NY
ENGINEER'S ESTIMATE
MAY 2013**

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
1	MOBILIZATION/DEMOLITION (5% OF PROJECT SUBTOTAL)	ls	1		\$119,640.19
2	DEVELOP A SITE SPECIFIC HEALTH AND SAFETY PLAN (2% OF ITEMS 4 & 11)	ls	1		\$3,236.70
3	DRAINAGE	ls	1		\$8,315.00
	12" HDPE Corrugated Pipe	lf	49	\$130.00	\$6,370.00
	15" Aluminum End Section	ea	3	\$315.00	\$945.00
	Concrete Wall Core Drilled	ls	1	\$1,000.00	\$1,000.00
4	SUBGRADE	ls	1		\$121,418.00
	Excavation	cy	3244	\$20.00	\$64,880.00
	Select Fill	cy	3141	\$18.00	\$56,538.00
5	SOIL COVER	ls	1		\$1,187,235.00
	Select Fill	cy	44118	\$20.00	\$882,360.00
	Topsoil	cy	11320	\$25.00	\$283,000.00
	Soil Testing	ea	35	\$625.00	\$21,875.00
6	TURF ESTABLISHMENT	acre	14		\$37,268.00
	Hydroseeding	sy	67760	\$0.55	\$37,268.00
7	PARKING LOT CONSTRUCTION	ls	1		\$165,209.00
	Top course	ton	525	\$69.00	\$36,225.00
	Binder course	ton	670	\$66.00	\$44,220.00
	Subbase Stone	cy	1015	\$50.00	\$50,750.00
	Geotextile	sy	6066	\$3.00	\$18,198.00
	Rubber Parking Bumper	ea	104	\$69.00	\$7,176.00
	Handicap Parking Symbols	ea	6	\$175.00	\$1,050.00
	Striping	lf	2910	\$1.50	\$4,365.00
	Handicap Sign Panels	sf	22.5	\$45.00	\$1,012.50
	Handicap Sign Posts	ea	6	\$200.00	\$1,200.00
	Handicap Sign Foundations (Concrete)	cy	1.5	\$675.00	\$1,012.50
8	ASPHALT WALK CONSTRUCTION	sf	25200		\$260,146.00
	Top Course	ton	614	\$69.00	\$42,366.00
	Binder Course	ton	890	\$66.00	\$58,740.00
	Subbase Stone	cy	1325	\$50.00	\$66,250.00
	Steel Pipe Bollards	ea	10	\$450.00	\$4,500.00
	Steel Railing	lf	833	\$130.00	\$108,290.00
9	CHAIN LINK FENCING	ls	1		\$52,845.00
	Chain Link Fencing	lf	3495	\$11.00	\$38,445.00
	Fencing Concrete Foundations	cy	36	\$400.00	\$14,400.00
10	PERIMETER FENCING (CABLE)	ls	1		\$25,998.00
	Perimeter Fencing	lf	1238	\$21.00	\$25,998.00
11	TREES	ls	1		\$40,417.00
	Tree Planting (Autumn Radiance Red Maple)	ea	8	\$371.00	\$2,968.00
	Tree Planting (Red Sunset Red Maple)	ea	5	\$546.00	\$2,730.00
	Tree Planting (Fall Fiesta Sugar Maple)	ea	2	\$548.00	\$1,092.00
	Tree Planting (Green Mountain Sugar Maple)	ea	3	\$546.00	\$1,638.00
	Tree Planting (Spring Flurry Serviceberry)	ea	3	\$560.00	\$1,680.00
	Tree Planting (Princess Diana Serviceberry)	ea	3	\$378.00	\$1,134.00
	Tree Planting (American Horn Beam)	ea	3	\$462.00	\$1,386.00
	Tree Planting (Thornless Cockspur Hawthorn)	ea	8	\$431.00	\$3,448.00
	Tree Planting (Thornless Honey Locust)	ea	6	\$298.00	\$1,788.00
	Tree Planting (Kentucky Coffeetree)	ea	4	\$462.00	\$1,848.00
	Tree Planting (Tulip Tree)	ea	6	\$434.00	\$2,604.00
	Tree Planting (Donald Wyman Flowering Crab)	ea	5	\$319.00	\$1,595.00
	Tree Planting (Harvest Gold Flowering Crab)	ea	4	\$273.00	\$1,092.00
	Tree Planting (Purple Prince Flowering Crab)	ea	4	\$273.00	\$1,092.00
	Tree Planting (American Hophornbeam)	ea	4	\$462.00	\$1,848.00
	Tree Planting (White Spruce)	ea	3	\$350.00	\$1,050.00
	Tree Planting (Bur Oak)	ea	7	\$536.00	\$3,752.00
	Tree Planting (Chinkapin Oak)	ea	2	\$560.00	\$1,120.00
	Tree Planting (Pin Oak)	ea	5	\$546.00	\$2,730.00
	Tree Planting (Red Oak)	ea	7	\$546.00	\$3,822.00
12	SOFTBALL DIAMONDS	ls	1		\$113,945.00

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
	Marco Clay	ton	297	\$130.00	\$38,610.00
	Compacted Sand	cy	232	\$30.00	\$6,960.00
	Top Course	ton	6	\$69.00	\$414.00
	Binder Course	ton	26	\$66.00	\$1,716.00
	Subbase Course	cy	25	\$50.00	\$1,250.00
	15' Chain Link Fence - Backstop	ea	2	\$12,500.00	\$25,000.00
	6' Chain Link Fence	lf	480	\$50.00	\$24,000.00
	Fencing Concrete Foundations	cy	10	\$400.00	\$4,000.00
	Home Plate, Batter's and Catcher's box	ea	2	\$2,000.00	\$4,000.00
	Player Bench	ea	12	\$485.00	\$5,820.00
	18" to 21" Rolled Sod Strip	sy	145	\$15.00	\$2,175.00
13	OUTDOOR ICE RINK	ls	1		\$221,168.00
	Geotextile	sy	121	\$3.00	\$363.00
	Steel Railing	lf	558	\$130.00	\$72,540.00
	Stone Strong Retaining Wall	sf	1548	\$36.00	\$55,728.00
	Underdrain Filter Material	cy	7	\$50.00	\$350.00
	Concrete for Ice Rink	cy	150	\$400.00	\$60,000.00
	6" Subbase	cy	105	\$50.00	\$5,250.00
	#5 Bar Reinforcement	lb	1650	\$6.00	\$11,160.00
	6"x6" Welded Wire Fabric	sy	650	\$4.50	\$2,925.00
	4" Perforated PVC Piping	lf	355	\$20.00	\$7,100.00
	6" HDPE Piping	lf	56	\$22.00	\$1,232.00
	8" HDPE Piping	lf	108	\$25.00	\$2,700.00
	8" Resilient Wedge Valve and Valve Box	ea	1	\$1,500.00	\$1,500.00
	14" Top Prom Deck Drain	ea	1	\$275.00	\$275.00
	4" Overflow Drain	ea	1	\$45.00	\$45.00
14	BASKETBALL COURT	ls	1		\$24,780.00
	Top Course	ton	40	\$69.00	\$2,760.00
	Binder Course	ton	77	\$68.00	\$5,082.00
	Subbase Stone	cy	116	\$50.00	\$5,800.00
	Geotextile	sy	694	\$3.00	\$2,082.00
	Acrylic Resurfacer w/ Sand	gal	85	\$17.00	\$1,445.00
	Color Concentrate w/ Sand	gal	100	\$19.00	\$1,900.00
	StripeRite Line Primer	gal	1	\$29.00	\$29.00
	T/C White Paint	gal	1	\$42.00	\$42.00
	Goals	ea	2	\$2,820.00	\$5,640.00
15	SOCCER FIELD	ls	1		\$13,536.00
	Goals	ea	4	\$2,620.00	\$10,480.00
	Nets	ea	4	\$304.00	\$1,216.00
	Anchors	ea	8	\$230.00	\$1,840.00
16	PLAYGROUND CONSTRUCTION	ls	1		\$83,592.00
	Custom Powerscape Unit for 5-12 Year Old Play Area	ls	1	\$29,713.00	\$29,713.00
	Custom Powerscape Unit for 2-5 Year Old Play Area	ls	1	\$19,335.00	\$19,335.00
	PrimeTime 2-Bay Swing set with 2 belt, 2 lot swings	ls	1	\$5,063.00	\$5,063.00
	12" Depth Engineered Wood Fiber	ls	1	\$5,670.00	\$5,670.00
	Geotextile Fabric	ls	1	\$1,536.00	\$1,536.00
	Installation of GameTime Equipment	ls	1	\$18,950.00	\$18,950.00
	Installation of Engineered Wood Fiber	ls	1	\$1,675.00	\$1,675.00
	Installation of Playcurbs Above Ground	ls	1	\$1,650.00	\$1,650.00
17	GAZEBO	ls	1		\$13,695.00
	Gazebo	ea	1	\$10,435.00	\$10,435.00
	#4 Bar Reinforcement for Footers	lb	65	\$4.00	\$260.00
	Concrete Footers	cy	3	\$1,000.00	\$3,000.00
18	CONTINGENCIES (5% of total project cost)	ls	1		\$125,622.19
19	ENGINEERING CONSTRUCTION OVERSIGHT (10% of total project cost)	ls	1		\$251,244.39
TOTAL =					\$2,889,310.47

NOTES:

1. No costs included for removal of existing trees or for offsite disposal of potentially contaminated soil.
2. No demolition or disposal costs included for potential concrete slab or foundation removal.

Attachment 4.0
Grant Summary

4.0 Grant Summary

4.1 Design Grant

The Village of Gowanda and The Gowanda Area Redevelopment Corporation (GARC) has received a New York State Parks Grant in the amount of \$57,375. These funds have been used to develop the design and construction bid documents for Zoar Valley Gateway Park. Total design cost is \$76,500 with the local share of \$19,125 came from the PRPs site improvement trust account and GARC force account efforts. (See attached park design)

4.2 Construction Grant

The Village and GARC have received a New York State Parks Grant in the amount of \$250,000. These funds will be used to purchase 30,000 cu. Yds. Of part 375 compliant cover material. This material will be used to complete the one foot passive recreational use requirement. This work is scheduled to be completed by September 2014. (See attached grant summary).



Andrew M. Cuomo
Governor

Rose Harvey
Commissioner

**New York State Office of Parks,
Recreation and Historic Preservation**

Allegheny Region • Allegheny State Park • 2373 ASP Route 1, Suite 3, Salamanca, New York 14779
716-354-9101 Fax: 716-354-6725
www.nysparks.com

August 9, 2013

Mr. Joseph H. Vogtli, Jr.
President
Gowanda Area Redevelopment Corps.
14481 Bagdad Road
Collins, New York 14034

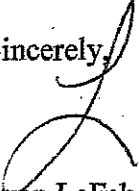
Re: EPF 125359

Dear Joe,

Enclosed is your fully executed grant agreement. Please read it carefully especially Appendices B, C, D, E and F as these are project specific and contain reporting and procedural requirements. Retain this agreement in your grant files for a period of six years from the end of the calendar year in which the last payment is made.

If you have any questions, please feel free to contact me at (716) 354-9101, ext. 235.

Sincerely,



Lynn LeFeber
Allegheny Regional Grant Rep.

STATE AGENCY:

**New York State Office of Parks,
Recreation and Historic Preservation
Albany, New York 12238 (For USPS Postal Mail)
625 Broadway
Albany, New York 12207 (For Physical Delivery)**

NYS COMPTROLLERS NUMBER: **C125359**

NYS AGENCY NUMBER: **EPF-125359-A2**

ORIGINATING AGENCY CODE: **1290000**

REGION: **AL**

CONTRACTOR:

**Gowanda Area Redevelopment Corporation
14481 Bagdad Road
Collins, New York 14034**

TYPE OF PROGRAM:

**ENVIRONMENTAL PROTECTION FUND
PKS**

CHARITIES REGISTRATION NUMBER:
02-57-97

INITIAL CONTRACT PERIOD:

FROM: **December 18, 2012**

TO: **December 17, 2017**

**CONTRACTOR IS UP-TO-DATE
with filing all required annual written reports
with the Attorney General's Charities Bureau,
or the appropriate oversight Agency**

FEDERAL TAX ID NUMBER:
22-2315925

SFS VENDOR ID:
1100029381

FUNDING AMOUNT FOR INITIAL PERIOD:
\$250,000.00

STATUS:

MULTI-YEAR TERM: (if applicable)

CONTRACTOR IS NOT A
SECTARIAN ENTITY

FROM: N/A

TO: N/A

CONTRACTOR IS A
NOT-FOR-PROFIT ORGANIZATION

APPENDICES ATTACHED AND PART OF THIS AGREEMENT:

APPENDIX A...Standard Clauses for All New York State Contracts

APPENDIX A1...Clauses Required by Office of Parks, Recreation and Historic Preservation

APPENDIX A2... Not-For-Profit Prudent Procurement Certification

APPENDIX B...Budget

APPENDIX C...Payment and Reporting Schedule

APPENDIX D...Program Workplan

APPENDIX X...Modification Agreement Form (to accompany modified appendices for changes in term or consideration on an existing period or for renewal periods)

APPENDIX E...Special Conditions and Requirements

APPENDIX F...Program Specific Requirements

IN WITNESS THEREOF, the parties hereto have executed or approved this AGREEMENT on the dates below their signatures.

PROJECT NUMBER: EPF-125359-A2

CONTRACTOR:

Gowanda Area Redevelopment Corporation

By: Joseph H Vogtli Jr
Printed Name: Joseph H Vogtli Jr.

Printed Title: President

Date: 04-11-2013

STATE AGENCY:

New York State Office of Parks, Recreation, and Historic Preservation

By: [Signature]
Date: 6/25/13

State Agency Certification:

"In addition to the acceptance of this contract, I also certify that original copies of this signature page will be attached to all other exact copies of this contract."

STATE OF NEW YORK)
COUNTY OF Cattaraugus) SS.:

On the 11 day of April in the year 2013, before me, the undersigned, personally appeared Joseph H Vogtli Jr., personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their/ capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

NATHAN J. PLEAKIS
Notary Public, State of New York
Qualified in Cattaraugus County
Reg. No. 01PL6224283
My Commission Expires June 28, 2014

[Signature]
Notary Public, State of New York

ATTORNEY GENERAL:

Approved:

Thomas P. DiNapoli
State Comptroller

By _____

Date _____

APPROVED
DEPT. OF AUDIT & CONTROL
JUL 18 2013
[Signature]
FOR THE STATE COMPTROLLER

APPROVED AS TO FORM
NYS ATTORNEY GENERAL
JUL 03 2013
[Signature]
LORRAINE I. REMO
PRINCIPAL ATTORNEY

Gowanda Area Redevelopment Corporation
Gowanda Zoar Valley Gateway Park
EPF-125359-A2

APPENDIX B - BUDGET

The detailed estimated budget for the project as outlined in this AGREEMENT is as follows:

EXPENSES:

Development

To include: purchase and installation of specific soils for capping site per EPA Soil Fill Management and Grading Plan, final grading survey, inspection, project management and fencing \$506,213.00

Administration

To include: oversight, project sign, legal fees, CPA, grant administration \$ 34,120.00

TOTAL COST

\$540,333.00

FUNDING BREAKDOWN:

STATE Share \$250,000.00
CONTRACTOR Share \$290,333.00

Attachment 5.0
O&M Cost Summary



VILLAGE OF GOWANDA

"Gateway to the Southern Tier"

27 E. Main Street ♦ Gowanda NY 14070

(716)532-3353 ♦ Fax (716)532-2938

"The Village of Gowanda is an Equal Opportunity Provider and Employer."

TO: Investment Management Services
For: PC Superfund Site
870 Westminster St. RWR 110
Providence, RI 02903

Cc: Gowanda Area Redevelopment Corp.
Benchmark Analytical
Andy Carriero, Gowanda Wastewater Treatment Plant
Cindy Schilling, Gowanda Village Treasurer

Re: Invoice 1005
Exhibit L to Site Agreement for the Peter Cooper Landfill NPL Site

Leachate Monitoring

138 Palmer Street, Gowanda NY

Electrical Service (NYSEG)

4/6-5/2/12 97.46

6/6-7/9/12 69.20

8/8-9/7/12 49.71

Subtotal \$216.37

Miscellaneous Charges

McCormack's

Groundwater System Pump 350.00

Subtotal \$350.00

Landfill Samples (Microbac)

Inv. #CA2H03222 115.15

Inv. #CA2100298 1,494.73

Inv. #CA2100299 226.14

Subtotal \$1,836.02

Total: \$2,402.39

**Please make checks payable to:
Village of Gowanda**

Mayor: Heather McKeever ♦ **Trustees:** Carol Sheibley ♦ John Certis ♦ Dale DeCarlo ♦ Paul Zimmerman
♦ **Village Clerk:** Kathleen Mohawk ♦ **Treasurer:** Cindy Schilling ♦ **Attorney for the Village:** Deborah Chadsey
♦ **Building Inspector/Code Enforcement:** Gary Brecker ♦ **Assessor:** George Stark
♦ **Officer In Charge:** Joseph Alessi ♦ **Highway Supervisor:** Gary Denea
♦ **Sewer Supervisor:** Andrew Carriero ♦ **Water Supervisor:** George Dubaj



VILLAGE OF GOWANDA

"Gateway to the Southern Tier"

27 E Main Street ♦ Gowanda NY 14070

(716)532-3353 ♦ Fax (716)532-2938

"The Village of Gowanda is an Equal Opportunity Provider and Employer."

TO: Investment Management Services
For: PC Superfund Site
870 Westminster St. RWR 110
Providence, RI 02903

Cc: Gowanda Area Redevelopment Corp.
Benchmark Analytical
Andy Carriero, Gowanda Wastewater Treatment Plant
Cindy Schilling, Gowanda Village Treasurer

Re: Invoice 1006
Exhibit L to Site Agreement for the Peter Cooper Landfill NPL Site

Leachate Monitoring

138 Palmer Street, Gowanda NY

Electrical Service (NYSEG)

12/7/12-1/5/13 206.64

1/6/13-2/6/13 231.23

Subtotal \$437.87

1/1/2013 Water/Sewer bill \$2,398.64

Miscellaneous Charges

McCormack's \$22.99

Landfill Samples (Microbac)

Inv. #CA2J00037 420.60

Inv. #CA2K02465 115.15

Subtotal \$535.75

Total: \$3,395.25
Less: (350.00) credit for well pump
\$3,045.25

**Please make checks payable to:
Village of Gowanda**

Mayor: Heather McKeever ♦ **Trustees:** Carol Sheibley ♦ John Certis ♦ Dale DeCarlo ♦ Paul Zimmerman
♦ **Village Clerk:** Kathleen Mohawk ♦ **Treasurer:** Cindy Schilling ♦ **Attorney for the Village:** Deborah Chadsey
♦ **Building Inspector/Code Enforcement:** Gary Brecker ♦ **Assessor:** George Stark
♦ **Officer In Charge:** Joseph Alessi ♦ **Highway Supervisor:** Gary Denea
♦ **Sewer Supervisor:** Andrew Carriero ♦ **Water Supervisor:** George Dubaj