

# Plattsburgh, New York

**Kristofer Gushlaw**Chief Plant Operator

Water Resource Recovery Facility 53 Green Street Plattsburgh, NY 12901 518-563-7172 gushlawk@cityofplattsburgh-ny.gov

#### **NOTICE TO BIDDERS**

The Common Council of the City of Plattsburgh, New York will receive sealed bids up until **11:00 AM**, **Friday**, **February 25**, **2022** at the City Clerk's Office, 41 City Hall Place, Plattsburgh, New York, for **Laboratory Services for the Water Resource Recovery Facility Contract #WRRF 2022-03**. The bids will be publicly opened and read aloud in the Common Council Chambers of the City Hall Building at 11:00 AM on this same date.

Specifications may be obtained at the Office of the City Clerk, 41 City Hall Place, Plattsburgh, New York 12901, or available for download at www.cityofplattsburgh.com under the "Find-Bid Opportunities" section on the bottom of the homepage.

Bids to be accompanied with a Non-Collusive Bidding Certificate.

Envelope containing a bid shall be plainly marked: "Laboratory Services for the WRRF, Contract #WRRF 2022-03."

The Common Council of the City of Plattsburgh, New York, reserves the right to reject any and/or all bids and to waive any and/or all informalities that do not affect the validity of the bid.

Kristofer Gushlaw

WRRF Chief Plant Operator

Cc: JR,Sylvia P., Janelle Henry

**KG**: Bids and Contracts

## **BID SPECIFICATIONS**

#### **LABORATORY SERVICES**

## WATER RESOURCE RECOVERY FACILITY

**CONTRACT NO. WRRF 2022-03** 

## **CHRISTOPHER ROSENQUEST, MAYOR**

CITY OF PLATTSBURGH

CITY HALL

PLATTSBURGH, NEW YORK 12901

**FEBRUARY 2022** 

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#### **ENVIRONMENTAL SERVICES DEPARTMENT**

**CITY HALL** 

PLATTSBURGH, NEW YORK 12901 (518-563-7731)

#### JONATHAN P. RUFF ENVIRONMENTAL MANAGER

**February 7, 2022** 

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#### **INFORMATION FOR BIDDERS**

#### 1.1 OPENING OF BIDS

- A. Bids will be opened at the time and place set forth in the Notice to Bidders. Every bid received before that time, or authorized postponement thereof, will be opened and publicly read aloud. Bidders and other persons properly interested may be present in person or by representative.
- B. The Owner may consider informal any bid not prepared and submitted in accordance with the provisions hereof or may waive any informalities in or reject any or all bids. Any bid may be withdrawn prior to the advertised time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered. No bidder may withdraw a bid within 30 days after the actual opening thereof.
- C. Conditional bids will not be accepted.

#### 1.2. PREPARATION OF PROPOSAL

- A. Proposals must be submitted on prescribed bid proposal forms or facsimiles thereof.

  All blank spaces must be filled in, in ink or typewritten, in both words and figures where so indicated.
- B. The bid proposal and required submittals must be submitted in a sealed envelope and shall have clearly designated on the outside the name and address of the bidder, the name of the project and the contract for which the proposal is being submitted for. Bids must be submitted to City Clerk, City of Plattsburgh, 41 City Hall Place, Plattsburgh, New York 12901. Bids are to be submitted in an envelope and plainly marked "Laboratory Services for WRRF, Contract #WRRF 2022-03."

#### 1.3 COPIES OF CONTRACT DOCUMENTS

A. Copies of the contract documents may be obtained from the City Clerk, 41 City Hall Place, City of Plattsburgh, New York 12901, and on www.cityofplattsburgh.com, under "Bid Opportunities."

#### 1.4 NON-COLLUSIVE BIDDING CERTIFICATE

A. Each prime Bidder submitting a bid for any portion of the work contemplated by the bidding documents shall execute a Non-Collusive Certificate as required by applicable New York State law, in the form herein provided, to the effect that he has not colluded with any other person, firm or corporation in regard to any bid submitted. Such certificate shall be attached to the bid. Failure of any bidder to abide by this provision shall be cause for rejection of his bid.

#### INFORMATION FOR BIDDERS, CONTINUED

#### 1.5 QUALIFICATION OF BIDDERS

- A. The Owner may make such investigation as he deems necessary to determine the ability of the bidder to perform the work and the bidder shall furnish to the Owner all such information and data for this purpose as the Owner may request.
- B. The Owner reserves the right to reject any bid if the evidence submitted by or investigation of such bidder fails to satisfy the Owner that such bidder is properly qualified to carry out the obligations of the contract and to complete the work contemplated herein.
- C. The Owner requires the Bidder that is to do the work described in this contract to have a minimum of five (5) years laboratory experience. The bidder shall have demonstrated abilities in laboratory procedures and methods.

#### 1.6. SUBCONTRACTOR

- A. The Bidder may designate a Subcontractor to do the work described herein and the Owner shall have the right to review and approve or disapprove the Subcontractor subject to the same conditions set forth in 1.5, Qualification of Bidders. Any such Subcontractor shall comply with all conditions set forth in this contract.
- B. Any subcontractor(s) used will be identified by the bidder. The testing done by each subcontractor shall be identified by the items as listed on the Bid Proposal Sheet. If no subcontractor is listed for an item, it is assumed that the actual bidder is doing the testing. Bidder will supply phone number and contact person for any subcontractor used.

#### 1.7 CONDITIONS OF WORK

A. The Bidder must furnish all labor and materials necessary to complete all testing requirements.

#### 1.8 OBLIGATION OF BIDDERS

A. At the time of the opening of bids, each bidder must be familiar with laboratory practices and methods, and to have read and to be thoroughly familiar with the bidding documents, including all Addenda. The failure or omission of any bidder to receive or examine any form, instrument or document shall in no way relieve any bidder from any obligation in respect to his bid.

#### INFORMATION FOR BIDDERS, CONTINUED

#### 1.9 ADDENDA AND INTERPRETATIONS

A. No interpretations of the meaning of the Specifications or other contract documents will be made to any bidder orally. Every request for such interpretation shall be in writing to the City Environmental Manager, and to be given consideration, must be received at least 5 days prior to the date fixed for the opening of the bids. Any and all such interpretations and any supplemental instructions will be in the form of written addenda to the specifications. Addenda will be mailed to all prospective bidders at the respective address furnished prior to the date as fixed for opening of bids. Failure of any bidder to receive any such addendum or interpretation shall not relieve any bidder from any obligations under their bid as submitted. All addenda so issued shall become part of the contract documents.

#### 1.10 BASIS FOR AWARD

- A. Award will be made to the lowest responsible bidder as determined from the Bid Proposal. Unit prices shall govern in the event of a math error. On contracts with estimated quantities, the award will be made on the unit prices quoted.
- B. The Common Council of the City of Plattsburgh reserves the right to reject any or all bids received. The Common Council will regard all bids received as an agreement by the bidder to conform to all items of these specifications, unless specific exceptions are to the best interest of the City.

#### **GENERAL CONDITIONS**

#### 2.1 CONTRACT AND CONTRACT DOCUMENTS

A. The specifications and Addenda shall form part of Contract and the provisions thereof shall be as binding upon the parties hereto as if they were herein fully set forth. The Table of Contents, titles, headings, contained herein and in said documents are solely to facilitate reference to various provisions of the Contract documents and in no way affect, limit or cast light upon the interpretation of the provisions to which they refer.

#### 2.2 **DEFINITIONS**

- A. Contract" means the contract executed by the City of Plattsburgh and the Contractor.
- B. "Contractor" means the person, firm or corporation executing the agreement or the duly recognized assignee thereof, who will perform the work described in the drawings and specifications of the contract documents.
- C. "Sub-Contractor" means a person, firm or corporation supplying labor and materials or only labor for work under separate contract or agreement with the Contractor.
- D. "Engineer" means the City Environmental Manager of the City of Plattsburgh, a duly authorized person representing the City of Plattsburgh.
- E. "Owner" shall mean the City of Plattsburgh. All contracts and agreements connected with the Owner shall be executed by the Mayor.

#### 2.3 PERMITS AND INSPECTIONS

A. The Contractor shall take out, at his own expense, all necessary permits, and give all notices required by law or municipal ordinances and shall pay all charges incidental to the lawful execution of the work done under this contract.

#### 2.4 TIME OF CONTRACT

A. The Contract period shall be for one (1) year, commencing on April 1, 2022, or as indicated otherwise in a formal Notice to Proceed. Contract period may be extended for three (3) additional one-year terms, with each year agreed upon by mutual agreement of the Owner and Contractor. Notice of extension must be in writing 60 days prior to each Contract expiration term.

#### **GENERAL CONDITIONS CONTINUED...**

#### 2.5 TERMINATION OF CONTRACT

- A. The owner shall have the right to terminate the Contract after ten (10) days written notice in the event:
  - 1. The Contractor fails to perform under the terms of this Contract.
  - 2. The Contractor fails to proceed in a diligent and workmanlike manner as determined by the City Environmental Manager or Chief Plant Operator of the WRRF.

#### 2.6 PAYMENT

- A. Payments will be made for satisfactory completion of work. The Contractor shall be responsible to comply with all recordkeeping and cost account requirements of the Engineer. The Contractor shall be paid only for work done in accordance with authorized Purchase Orders to be issued by the Chief Plant Operator of the WRRF.
- B. Payment shall be made at the unit price bid times the number of tests performed minus any adjustments as given under special conditions.
- C. The City of Plattsburgh (a municipal government) is exempt from payment of sales and compensating use taxes of the State of New York, and of cities and counties on all materials, services, and supplies sold to the City pursuant to this contract, and these taxes are not to be included in the bid price.
- D. Services will be ordered by the issuance of a purchase order as required.
- E. The estimated bid quantities are for bid evaluation purposes only. The City reserves the right to have more or less tests done than the actual bid quantity as determined by the actual analyses needed for reporting purposes for all sites.

# BID PROPOSAL FORM LABORATORY SERVICES FOR WATER RESOURCE RECOVERY FACILITY CONTRACT #WRRF 2022-03

**SUBMIT TO**: City Clerk

41 City Hall Place Plattsburgh, NY 12901

**BID DUE DATE**: Friday, February 25, 2022 11:00 a.m.

The undersigned hereby certifies he/she has examined and fully comprehends the requirements and intent of these specifications for the above project and offers to furnish all labor and equipment for or incidental to the work as detailed for the following Lump Sum Price:

DESCRIPTION		TOTAL COST_
TOTAL AMOUNT F	FROM APPENDIX C	\$
	IN WORDS	
No. 2 Acknowledgement:		
D SIGNATURE:	TITI	LE
	STATE:	
E:	FAX #:	
OMPANY CONTACT (PRII	NTED): EMAIL ADDRE	SS OF COMPANY
	Provide Laboratory Service herein itemized in Appendictions Form).  TOTAL AMOUNT F  TOTAL AMOUNT F  No. 1 Acknowledgement: No. 2 Acknowledgement: No. 3 Acknowledgement: IRM:  PRINTED: D SIGNATURE: E: E:	Provide Laboratory Services for the WRRF (From herein itemized in Appendix C, this form to be incident).  TOTAL AMOUNT FROM APPENDIX C  IN WORDS  No. 1 Acknowledgement: No. 2 Acknowledgement: No. 3 Acknowledgement: No. 3 Acknowledgement:

REQUIRED ATTACHMENTS: 1. Non-Coll

- 1. Non-Collusive Certificate.
- 2. Appendix C itemized form showing each item priced.
- 3. Additional required submittals as outlined in Item 18 in the Technical Specifications.



# CITY OF PLATTSBURGH, NEW YORK'S WATER RESOURCE RECOVERY FACILITY

#### <u>Laboratory Services Contract # WRRF 2022-03</u>

#### **General Description:**

This work consists of professional laboratory analyses using samples submitted from our Water Resource Recovery Facility (WRRF, formerly Water Pollution Control Plant).

Samples are from many various sources and include, but are not limited to: distilled water, domestic wastewater, hauled wastewater, non-industrial wastewater, industrial wastewater, sludge, compost, stream water, leachate and groundwater samples.

Appendix A of this bid proposal provides general project names, sample matrices, and acceptable testing methods. Appendix B lists analytical parameters with required detection limits. Appendix C contains the estimated sample frequency based on the 2021 sample year frequency, with some anticipated changes for the future. **The actual frequency for 2022 may be more or less**. Appendix D provides examples of the Chains of Custody that will be used, and Appendix E provides an example of reporting expectations.

#### **Special Conditions:**

#### 1. Laboratory Approval

All analyses must be performed by a **NEW YORK STATE ENVIRONMENTAL LABORATORY PROGRAM APPROVED (ELAP)** laboratory. Include a copy of the New York State Certificates of Approvals, for all individual analytes listed in Appendix C, with the bid submittal documents. In addition, copies of the Certificates of Approvals must be re-submitted by the successful bidder annually.

#### 2. Turn Around Time (TAT)

It is expected that a TAT of 7-10 (maximum) calendar days from sample receipt will be met for all samples.

Normal reporting time requirements may be modified to lesser TAT with a frequency not to exceed 12 requests per month. If the City of Plattsburgh requests more than the stated frequency turn around advancements, then the normal customary quick turnaround charges may apply, unless waived

#### 3. Required Detection Limits (DLs)

Analyses have required detection limits, which must be met. The listing of site specific and/or project specific sample required detection limits are given in Appendix B. The Chains of Custody (COCs) are examples of ones to be used, and will be modified by the City of Plattsburgh as needed. They have the current required detection limits on them for samples shipped.

Payment will not be made for analyses that do not meet the required detection limits (except as noted in item 13 below). If analyses that do not meet the required DLs exceed 1 sample per month, it shall be considered that the successful bidder is not meeting required detection limits and shall be just cause for immediately ending the contract.

The City of Plattsburgh reserves the right to modify the required detection limits on an as needed basis throughout the bid period. Other analytes not specifically mentioned in Appendices A, B or C shall have as low a detection limit as possible and be consistent with past values obtained per analyte per site. These items will have to be addressed on an as needed basis.

Consistently meeting the required detection limits will be a special condition of great concern.

#### 4. Sample Bottles

New, appropriately cleaned and labeled, sample bottles are to be provided **at no additional charge**. Bottles are to be supplied, as requested, from our facility and are to be delivered expeditiously within 1 week of request time. Sample bottles are to include necessary preservatives prior to shipment to our facility. The sample bottles supplied shall meet all state and federal cleanliness and appropriateness requirements for the analysis to be performed. A copy of the successful bidder's laboratory sample preservation methods and requirements is to be supplied upon the first shipment of bottles.

#### 5. Shipping

The City of Plattsburgh will ship samples on an as required basis. The City of Plattsburgh solely will determine how frequently shipments may be made. This could vary from one to several coolers per week. Shipping materials (i.e. coolers, ice packs, etc.) are to be returned from the successful bidder's laboratory to our lab within 1 week of shipment receipt.

Shipping costs are to be paid for by the successful bidder as well as any charges for sample pick up (if applicable). This includes shipment from Plattsburgh to the successful bidder's laboratory. All shipments must be arranged to arrive at the lab **overnight** from the City of Plattsburgh's facility to the successful bidder's laboratory. Reimbursement, if required, will occur quarterly (i.e. reimbursement from the successful bidder to the City of Plattsburgh.) Preferably, we would ship samples to your laboratory using your shipping vouchers or labels and/or Shipping account numbers.

#### 6. Reporting

Analyses reports are to include, but not be limited to the following:

- parameter and methodology used
- sample results
- pgl (practical quantitation limit)
- units
- analyst reference
- · date sampled
- samplers name
- sample identification
- sample location
- collection method
- matrix
- commentary (case narratives) as appropriate for problems encountered
- A copy of a completed chain of custody must be included with the final report.
- An emailed PDF file(s) of completed results (final reports), MUST be sent as soon as they are
  available, and <u>must</u> be made within the time period stated above at no cost to the city. A substitute
  format may be acceptable. Include a copy of a sample data report with bid submittal.
- QA/QC data packages (see below).

#### 7. Incidentals

Incidental procedures are to be included in the cost of analyses. This includes all necessary sample preparatory steps, including, but not limited to:

- Acid digestions per applicable methods
- EPA method 625 acid preparations and extractions
- EPA method 625 base neutral preparations and extractions
- Mercury/Metals digestions
- Special in house extractions or preparations
- Compositing procedures requested (this would include compositing a multiple-day sludge or compost sample into one sample prior to analyses, etc.)
- Percent solids must be included on the report for all sludge/soil analyses
- Percent solids determination based on constant weight methodology
- Any or all other necessary required and /or requested sample preparation steps.

#### 8. Chains of Custody (COCs)

Chains of custody, exact or examples, thereof, to be used are given in Appendix D.

#### 9. Reporting Examples

An example of reporting meeting requirements given for project specific items (see Item 6 and Item 14) is provided in Appendix E. Submitted final reports have to either be exactly the same or an agreed to format.

#### 10. Pricing:

Pricing based on the above conditions is to be given as a line by line item in Appendix C.

#### 11. Payments

Purchase order numbers are typically issued on an annual basis, are listed on the COCs, and are to be referenced on invoices. Payments are typically made within 30 days of receiving acceptable results.

#### Payments will not be made for the following:

- Results that do not meet the required detection limits as requested via the chains of custody submitted with samples (Appendix D, and as listed in Appendix B).
- Results reported that are out of the holding times as specified by New York State ELAP manual and/or Standard Methods for the Examination of Water and Wastewater, (current accepted edition), whichever is more stringent.
- Results that do not meet the test method requirements.
- Reports that do not meet the required turn around time.
- Any or all results that do not meet our data quality objectives.

#### 12. Test Methods

For each analyte, one of the test methods outlined in Appendix A is required. If alternate methods are used, then they must be able to meet ELAP requirements and must also meet the detection limit requirements. Alternate methods need to have review and prior approval by the City of Plattsburgh.

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#### 13. Matrix Interference

It is recognized that upon occasion some samples will not meet reportable DLs due to non-target peak interference. If so, the successful bidder's laboratory will attempt any and all cleanup procedures possible. If then, the results still do not meet required DLs, the reasons for this noncompliance (i.e. with the required DLs) shall be documented with the reported results. In no circumstance, for any analyte, will the detection limit reported, exceed our WRRF (Water Pollution Control Plant) effluent SPDES limitations.

For the purposes of payment for work performed on samples with matrix interference, payment may be allowed for sample results that do not meet the required DLs (due to matrix interference), but only if approval by the City of Plattsburgh's contact is given prior to reporting sample results. If matrix interference problems are considered excessive, (excessive meaning more than 1 sample per month) payments for these samples may not be allowed and the stipulation given under required detection limits will apply.

#### 14. Quality Assurance/Quality Control Data Packages

Level 1 QC package on 50% of sample submissions is required. A level 1 QC package is commonly defined as containing:

- Case Narrative
- QC Summary Sheets for:
  - o Blanks
  - Surrogates
  - o MS/MSD
  - Controls

Samples that are to be run for the Level 1 QC package will be asked for **on the COC** by the City of Plattsburgh (See Appendix D). This will typically be for samples identified by the SPDES/IPP Project code on the pricing bid sheet attached in Appendix C of this document, but may be for other projects as requested. This QC consideration must be included in the unit pricing in the bid sheet attached.

#### 15. Responding to questions and complaints on data reported

We periodically will ask for a check of the data reported. Oral responses, if given, must be followed up with written responses. Written responses must be emailed back to our facility as soon as possible. (Preferably on or attached to the original data check request).

If re-analyses are performed and/or requested, the results of such re-analyses shall be emailed and back to our facility.

#### 16. Performance

The successful bidder's performance will be judged by the ability to simultaneously and continuously meet all of the above requirements. Failure to perform for any of the above special conditions will be cause for immediate cancellation of the bid agreement.

#### 17. Laboratory Compliance

The successful bidder must supply all necessary analyses and reports required by New York State Department of Environmental Conservation (NYS DEC) and the United States Environmental Protection agency (USEPA). This includes, **but is not limited to**:

- 1. Annual Discharge Monitoring Report MDL reports (Required by the NYS DEC) which shall include the parameter(s) certified, method used and the MDL achieved.
- 2. Annual DMR QA studies, required by USEPA. If requested analytes do not meet requirements, then follow up studies must be forwarded to the City of Plattsburgh's Water Pollution Control Plant, within time limit requirements.
- 3. Data must be submitted in accordance with the specifications and requirements set forth in the "DMR MANUAL For Completing the Discharge Monitoring Report for the State Pollutant Discharge Elimination System (SPDES), 2002". This document may be located digitally at:

https://www.dec.ny.gov/chemical/8461.html

#### 18. Submittals

The successful bidder must supply:

- Certificates of Approval for Laboratory Service, which include both the bidding laboratory's NY Lab Code and EPA Lab Codes, as well as any sub-contracting laboratories that would be running samples from your facility. These Certificates must cover all items listed in the bid sheets of Appendix C and analytes must be designated as approved in New York State.
- Results of the bidder's laboratory DMRQA 41 (for 2021) for all analytes listed in the bid sheets of Appendix C.
- Completion of Unit Prices and Line Item prices in Appendix C.
- Additional items as specified in the above sections 1-17.

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# APPENDIX A Acceptable Test Methods

tem#	PROJECT	Matrix	Item	Acceptable Method(s) - From 40 CFR Part 136
1	SLUDGE	Sludge/Soil	Chromium	ICP, EPA METHOD 6010, 6010C
2	SLUDGE	Sludge/Soil	Cadmium	ICP, EPA METHOD 6010, 6010C
3	SLUDGE	Sludge/Soil	Copper	ICP, EPA METHOD 6010, 6010C
4	SLUDGE	Sludge/Soil	Nickel	ICP, EPA METHOD 6010, 6010C
5	SLUDGE	Sludge/Soil	Lead	ICP, EPA METHOD 6010, 6010C
6	SLUDGE	Sludge/Soil	Zinc	ICP, EPA METHOD 6010, 6010C
	SLUDGE	Sludge/Soil	Potassium	ICP, EPA METHOD 6010, 6010C
	SLUDGE	Sludge/Soil	Arsenic	ICP, EPA METHOD 6010, 6010C
	SLUDGE	Sludge/Soil	Molybdenum	ICP, EPA METHOD 6010
	SLUDGE	Sludge/Soil	Selenium	ICP, EPA METHOD 6010, 6010C, EPA 7010
	SLUDGE	Sludge/Soil	Mercury	SW-846 METHOD 7471, 7471B
	SLUDGE	Sludge/Soil	PCBs (Need Low Detection Limit)	EPA 8082, 8082A
	SLUDGE	Sludge/Soil	Cyanide (Sludge Only)	SW-846 METHOD 9012, 9012B
	SLUDGE	Sludge/Soil	Nitrate	EPA 9056, 9056A, 9210, 9210A
	SLUDGE	Sludge/Soil	Nitrite	EPA 9056, 9056A
	SLUDGE	Sludge/Soil	Total Kjeldahl Nitrogen (TKN)	SM4500-N C, EPA351.1, EPA 351.2
	SLUDGE	Sludge/Soil	Volatile Organic Compounds	EPA 8260 or 8260C, plus %SOLIDS ON COMPOSITE
	SLUDGE		<u> </u>	EPA 8270 ACID EXTRACTABLES, 8270D ACID EXTRACTABLES
-	SLUDGE	Sludge/Soil	Semivolatile Organic Compounds Semivolatile BASE NEUTRALS+BENZIDINE	
		Sludge/Soil		EPA 8270, 8270D BASE NEUTRALS plus BENZIDINE
	SLUDGE	Sludge/Soil	Pesticides/PCBs(Need Low Detection Limit)	PCB 8082/Pest 8081, 8082A
	SLUDGE	Sludge/Soil	Total Phenois	EPA 9066
	SLUDGE	Sludge/Soil	Full TCLP Analyses	See note below
	SLUDGE	Sludge/Soil	Total Volatile Solids	SM2540G
	SLUDGE	Sludge/Soil	Total Phosphorus	SM4500-P E, EPA 365.1, 365.2, 365.3
	SLUDGE	Sludge/Soil	Ammonia Nitrogen as N	SM4500-NH3 G, EPA 350.1
	SLUDGE	Sludge/Soil	pH	SW9045D
	SLUDGE	Sludge/Soil	REACTIVE CYANIDE	SW7.3.3.2
28	SLUDGE	Sludge/Soil	REACTIVE SULFIDE	SW7.3.4.2
29	SLUDGE	Sludge/Soil	% Solids	Dry Weight Percent
	SLUDGE	Sludge/Soil	Silver	ICP, EPA METHOD 6010, 6010C
31	SLUDGE	Sludge/Soil	Barium	ICP, EPA METHOD 6010, 6010C
32	SLUDGE	Sludge/Soil	Paint Filter/Free Liquid	EPA 9095B
33	SPDES/IPP	Wastewater/Industrial WW	EPA 625 Base Neutrals - 47 Compounds	EPA 625
34	SPDES/IPP	Wastewater/Industrial WW	EPA 625 Acid Extractables - 11 Compounds	EPA 625
35	SPDES/IPP	Wastewater/Industrial WW	Volatile Organic Compounds	EPA 8260, 8260C, 624.1
36	SPDES/IPP	Wastewater/Industrial WW	Volatile Organic Compounds - BLANK	EPA 8260, 8260C, 624.1
37	SPDES/IPP	Wastewater/Industrial WW	EPA 608 Pesticides/PCBs - 25 Compounds	EPA 608
	SPDES/IPP	Wastewater/Industrial WW	EPA Priority Pollutant Metals - 13 Metals	ICP,EPA 200.7, 200.8, 200.9(TI), EPA Methods'83, 3113B, 245.1
39	SPDES/IPP	Wastewater/Industrial WW	Molybdenum	ICP, EPA METHOD 200.7
40	SPDES/IPP	Wastewater/Industrial WW	Total Cyanide	EPA 335.4, Kelada-01, SM4500-CN- G
	SPDES/IPP	Wastewater/Industrial WW	Low Level Mercury	EPA Method 1631
	SPDES/IPP	Wastewater/Industrial WW	Low Level Mercury - BLANK	EPA Method 1631
	SPDES/IPP	Wastewater/Industrial WW	Total Aluminim with Digestion	ICP, EPA METHOD 200.7
	ALT TWS	Groundwater	Nitrates	EPA 300.0/SM 19 4500 NO3 H, EPA353.2-TRAACS, 300.0
	ALT TWS	Groundwater	Chemical Oxygen Demand (COD)	EPA 410.4, HACH 8000, SM5220 C,D
	ALT TWS	Groundwater	Total Organic Carbon (TOC)	SM 5310C, 415.2, 9060A, SM5310, SM5310C
	ALT TWS	Groundwater	TDS(@180C)	SM2540C
	ALT TWS		Sulfate	EPA 300.0, ASTM D516-90,02, SM4500SO4D
	ALT TWS	Groundwater	Alkalinity (AS CACO3)	SM 2320B / EPA 310.2
		Groundwater	,	
	ALT TWS	Groundwater	Chloride	EPA 300.0/SM4500 CI C, SM20 4500CI B/E, SM4500CI E
	ALT TWS	Groundwater	Total Hardness (AS CACO3)	SM 2340B, 2340C, 200.7
	ALT TWS	Groundwater	Turbidity	EPA 1983 (180.1), SM2130B
	ALT TWS	Groundwater	Color	SM2120 B
	ALT TWS	Groundwater	Volatile Organic Compounds	EPA 624
	ALT TWS	Groundwater	EPA 624-TRANSPORT BLANK	EPA 624
	ALT TWS	Groundwater	Cyanide	EPA 335.2, 335.3, or 335.4, Kelada-01
	ALT TWS	Groundwater	Total Kjeldahl Nitrogen (TKN)	SM4500-NH3 E, EPA 351.1, EPA 351.2 (DL required=1 mg/L)
58	ALT TWS	Groundwater	Ammonia as Nitrogen	EPA 350.1 (DL required=1 mg/L as N)
			Total Metals Including: B, K, Na, Fe, Mn, Mg, Al,	
			Ca, Sb, As, Be, Ba, Cd, Cr, Hex-Cr, Cu, Pb, Hg,	1
	ALT TWS	Groundwater	Ni, Se, Ag, TI, Zn	200.7, 200.8, 245.1, SM3500Cr D, TL 200.9

# APPENDIX A Acceptable Test Methods

ltem#	PROJECT	Matrix	Item	Acceptable Method(s) - From 40 CFR Part 136
60	LEACHATE	Wastewater-Landfill	Volatile Organic Compounds	EPA 8260, 8260C, 624.1
61	LEACHATE	Wastewater-Landfill	Volatile Organic Compounds - BLANK	EPA 8260, 8260C, 624.1
62	LEACHATE	Wastewater-Landfill	Al, Ba, Bo, Cl, Co, Fe, Mg, Mn, Na, Vn, Mo	ICP, EPA METHOD 200.7, 200.8
63	LEACHATE	Wastewater-Landfill	Chloride	EPA 300.0/SM4500 CI C, SM20 4500CI B/E, SM4500CI E
64	LEACHATE	Wastewater-Landfill	Hexavalent Chromium	SM3500-Cr D
65	LEACHATE	Wastewater-Landfill	Nitrate	EPA 300.0/SM 19 4500 NO3 H, EPA 353.2
66	LEACHATE	Wastewater-Landfill	Nitrite	EPA 300.0/SM4500-NO2 B, EPA 353.2
67	LEACHATE	Wastewater-Landfill	Sulfate	EPA 300.0, ASTM D516-90,02, SM4500SO4D
68	LEACHATE	Wastewater-Landfill	EPA Priority Pollutant Metals - 13 Metals	ICP,EPA 200.7, 200.8, 200.9(TI), EPA Methods'83, 3113B, 245.1
69	LEACHATE	Wastewater-Landfill	Oil & Grease	EPA 1664 A/B
70	LEACHATE	Wastewater-Landfill	EPA 625 Base Neutrals - 47 Compounds	EPA 625
71	LEACHATE	Wastewater-Landfill	EPA 625 Acid Extractables - 11 Compounds	EPA 625
72	LEACHATE	Wastewater-Landfill	Total Phosphorus	SM4500-P E, EPA 365.1 (DL required=0.1 mg/L)
73	LEACHATE	Wastewater-Landfill	Total Kjeldahl Nitrogen (TKN)	SM4500-NH3 E, EPA 351.1, EPA 351.2 (DL required=1 mg/L)
74	LEACHATE	Wastewater-Landfill	Ammonia as Nitrogen	EPA 350.1 (DL required=1 mg/L as N)
75	LEACHATE	Wastewater-Landfill	EPA 608 Pesticides/PCBs - 25 Compounds	EPA 608
76	LEACHATE	Wastewater-Landfill	Low Level Mercury	EPA Method 1631
77	LEACHATE	Wastewater-Landfill	Low Level Mercury - BLANK	EPA Method 1631
78	LEACHATE	Wastewater-Landfill	Total Cyanide	EPA 335.4, Kelada-01, SM4500-CN- G
79	SEPTAGE	Hauled Waste	Al, Ba, Bo, Cl, Co, Fe, Mg, Mn, Na, Vn, Mo	ICP, EPA METHOD 200.7, 200.8
80	SEPTAGE	Hauled Waste	EPA Priority Pollutant Metals - 13 Metals	ICP,EPA 200.7, 200.8, 200.9(TI), EPA Methods'83, 3113B, 245.1
81	MISC	Water - Any project	TOTAL SUSPENDED SOLIDS	SM2540 D
	Note:	Sludge Full TCLP	SW846 8260C, 8081B, S2540G, 6010C, 7470A,	8270D, 8151,1311, etc



LEACHATE - Required Detection Limits

	I	I D
		Required DL
	Parameter	mg/L
1	1,1,1-Trichloroethane	0.01
2	1,1-Dichloroethane	0.01
3	1,2-Dibromomethane	0.01
4	Acetone	0.01
5	Aluminum	0.1
6	Antimony	0.06
7	Arsenic	0.005
8	Barium	0.05
9	Benzidine	0.0001
10	Beryllium	0.001
11	Bis(2-ethylhexyl)phthalate est	0.005
12	Boron	0.05
13	Cadmium	0.0005
14	Carbon Disulfide	0.01
15	Chloride	1
16	Chromium	0.01
17	Chromium, hex	0.02
18	Cobalt	0.05
19	Copper	0.01
20	Copper, dissolved	0.01
21	Cyanide	0.01
22	Iron	0.05
23	Lead	0.003
24	Magnesium	0.05
25	Manganese	0.05
26	Mercury	0.0002
27		0.5 ng/L
	Mercury - Low Level Method 1631E	<b>0.5 ng/L</b> 0.01
27 28 29	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE)	
28	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride	0.01
28 29 30	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum	0.01 0.001
28 29	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride	0.01 0.001 0.01
28 29 30 31	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene	0.01 0.001 0.01 0.005
28 29 30 31 32 33	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel	0.01 0.001 0.01 0.005 0.01
28 29 30 31 32 33 34	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite	0.01 0.001 0.001 0.005 0.01 0.02 0.02
28 29 30 31 32 33 34 35	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite Pentachlorophenol	0.01 0.001 0.01 0.005 0.01 0.02
28 29 30 31 32 33 34 35 36	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite	0.01 0.001 0.01 0.005 0.01 0.02 0.02 0.02
28 29 30 31 32 33 34 35 36 37	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite Pentachlorophenol Phenol (4AAP)	0.01 0.001 0.001 0.005 0.01 0.02 0.02 0.02 0.01 0.01 0.005
28 29 30 31 32 33 34 35 36 37	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite Pentachlorophenol Phenol (4AAP) Selenium	0.01 0.001 0.001 0.005 0.01 0.02 0.02 0.01 0.01 0.005 0.005
28 29 30 31 32 33 34 35 36 37	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite Pentachlorophenol Phenol (4AAP) Selenium Silver	0.01 0.001 0.001 0.005 0.01 0.02 0.02 0.02 0.01 0.01 0.005
28 29 30 31 32 33 34 35 36 37 38	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite Pentachlorophenol Phenol (4AAP) Selenium Silver SODIUM	0.01 0.001 0.001 0.005 0.01 0.02 0.02 0.01 0.01 0.005 0.001 0.5 2
28 29 30 31 32 33 34 35 36 37 38 39 40	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite Pentachlorophenol Phenol (4AAP) Selenium Silver SODIUM SULFATE Thallium	0.01 0.001 0.001 0.005 0.01 0.02 0.02 0.01 0.01 0.005 0.001 0.5 2
28 29 30 31 32 33 34 35 36 37 38 39 40 41	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite Pentachlorophenol Phenol (4AAP) Selenium Silver SODIUM SULFATE Thallium Toluene	0.01 0.001 0.001 0.005 0.01 0.02 0.02 0.01 0.01 0.005 0.001 0.5 2 0.005 0.001
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite Pentachlorophenol Phenol (4AAP) Selenium Silver SODIUM SULFATE Thallium Toluene Trichloroethylene	0.01 0.001 0.001 0.005 0.01 0.02 0.02 0.01 0.01 0.005 0.001 0.5 2 0.005 0.001 0.005
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite Pentachlorophenol Phenol (4AAP) Selenium Silver SODIUM SULFATE Thallium Toluene Trichloroethylene Trichlorofluromethane	0.01 0.001 0.001 0.005 0.01 0.02 0.02 0.01 0.01 0.005 0.001 0.5 2 0.005 0.001 0.001 0.001
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite Pentachlorophenol Phenol (4AAP) Selenium Silver SODIUM SULFATE Thallium Toluene Trichloroefhylene Trichlorofluromethane Vanadium	0.01 0.001 0.001 0.005 0.01 0.02 0.02 0.01 0.005 0.001 0.005 0.001 0.05 2 0.005 0.001 0.001 0.001 0.001 0.001
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite Pentachlorophenol Phenol (4AAP) Selenium Silver SODIUM SULFATE Thallium Toluene Trichloroethylene Trichlorofluromethane Vanadium Zinc	0.01 0.001 0.001 0.005 0.01 0.02 0.02 0.01 0.005 0.001 0.005 0.001 0.05 0.001 0.001 0.001 0.001 0.001 0.001 0.001
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite Pentachlorophenol Phenol (4AAP) Selenium Silver SODIUM SULFATE Thallium Toluene Trichloroethylene Trichlorofluromethane Vanadium Zinc OIL & GREASE	0.01 0.001 0.001 0.005 0.01 0.02 0.02 0.01 0.005 0.001 0.005 0.001 0.05 2 0.005 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite Pentachlorophenol Phenol (4AAP) Selenium Silver SODIUM SULFATE Thallium Toluene Trichloroethylene Trichlorofluromethane Vanadium Zinc OIL & GREASE BOD	0.01 0.001 0.001 0.005 0.01 0.02 0.02 0.01 0.005 0.001 0.005 0.001 0.05 2 0.005 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.05 0.001
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite Pentachlorophenol Phenol (4AAP) Selenium Silver SODIUM SULFATE Thallium Toluene Trichloroethylene Trichlorofluromethane Vanadium Zinc OIL & GREASE BOD Total Suspended Solids	0.01 0.001 0.001 0.005 0.01 0.02 0.02 0.01 0.005 0.001 0.005 0.001 0.05 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.005 0.001 0.001 0.05 0.002 5 5 5
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite Pentachlorophenol Phenol (4AAP) Selenium Silver SODIUM SULFATE Thallium Toluene Trichloroethylene Trichlorofluromethane Vanadium Zinc OIL & GREASE BOD Total Suspended Solids Total Solids	0.01 0.001 0.001 0.005 0.01 0.02 0.02 0.01 0.005 0.01 0.005 0.001 0.05 0.001 0.001 0.001 0.001 0.001 0.001 0.005 0.001 0.001 0.05 0.002 5 5 5 50
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	Mercury - Low Level Method 1631E Methyl Ethyl Ketone (2BUTANONE) Methylene Chloride Molybdenum Naphthalene Nickel Nitrate Nitrite Pentachlorophenol Phenol (4AAP) Selenium Silver SODIUM SULFATE Thallium Toluene Trichloroethylene Trichlorofluromethane Vanadium Zinc OIL & GREASE BOD Total Suspended Solids	0.01 0.001 0.001 0.005 0.01 0.02 0.02 0.01 0.005 0.001 0.005 0.001 0.05 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.005 0.001 0.001 0.05 0.002 5 5 5

#### WASTEWATER- Required Detection Limits

		Required DL
Item #	Parameter	mg/L
1	Arsenic, Total	0.005
2	Bis(2-ethylhexyl)phthalate	0.005
3	Cadmium, Total	0.0005
4	Chromium, Total	0.01
5	Copper, Total	0.01
6	Cyanide, Total	0.01
7	Lead, Total	0.003
8	Mercury, Total	0.0002
9	Mercury - Low Level Method 1631E	0.5 ng/L
10	Molybdenum, Total	0.005
11	Naphthalene	0.005
12	Nickel, Total	0.01
13	Selenium, Total	0.005
14	Silver, Total	0.001
15	Zinc, Total	0.02



### APPENDIX C Pricing

Item#	PROJECT	Matrix	Estimated Quantity	Item	Price Per Unit*	Total Price this Line*
1	SLUDGE	Sludge/Soil	12	Chromium		
2	SLUDGE	Sludge/Soil	12	Cadmium		
3	SLUDGE	Sludge/Soil	12	Copper		
4	SLUDGE	Sludge/Soil	12	Nickel		
	SLUDGE	Sludge/Soil	12	Lead		
	SLUDGE	Sludge/Soil	12	Zinc		
	SLUDGE	Sludge/Soil	12	Potassium		
	SLUDGE	Sludge/Soil	12	Arsenic	1	
	SLUDGE	Sludge/Soil	12	Molybdenum		
	SLUDGE	Sludge/Soil	12	Selenium	1	
	SLUDGE	Sludge/Soil	12	Mercury		
				,		
	SLUDGE	Sludge/Soil	12	PCBs (Need Low Detection Limit)		
	SLUDGE	Sludge/Soil	6	Cyanide (Sludge Only)		
	SLUDGE	Sludge/Soil	12	Nitrate		
	SLUDGE	Sludge/Soil	12	Nitrite		
	SLUDGE	Sludge/Soil	12	Total Kjeldahl Nitrogen (TKN)		
	SLUDGE	Sludge/Soil	1	8260 Volatile Organic Compounds w/ % solids		
	SLUDGE	Sludge/Soil	1	8270 Semivolatile Organic Compounds + Acid Extractables		
19	SLUDGE	Sludge/Soil	1	8270Semivolatile Base Neutrals + Benzidine		
	SLUDGE	Sludge/Soil	1	Pesticides/PCBs(Need Low Detection Limit)		
21	SLUDGE	Sludge/Soil	1	Total Phenols		
	SLUDGE	Sludge/Soil	1	Full TCLP Analyses		
	SLUDGE	Sludge/Soil	12	Total Volatile Solids		
	SLUDGE	Sludge/Soil	12	Total Phosphorus		
	SLUDGE	Sludge/Soil	12	Ammonia Nitrogen as N	1	
	SLUDGE	Sludge/Soil	12	pH		
	SLUDGE	Sludge/Soil	1	REACTIVE Cyanide	1	
				REACTIVE Cyanide		
	SLUDGE	Sludge/Soil	1	-	1	
	SLUDGE	Sludge/Soil	15	% (Solids Dry Weight Percent)		
	SLUDGE	Sludge/Soil	1	Barium		
	SLUDGE	Sludge/Soil	1	Silver		
	SLUDGE	Sludge/Soil	6	Paint Filter/Free Liquid		
	SPDES/IPP	Wastewater/Industrial WW	16	EPA 625 Base Neutrals - 47 Compounds		
34	SPDES/IPP	Wastewater/Industrial WW	4	EPA 625 Acid Extractables - 11 Compounds		
35	SPDES/IPP	Wastewater/Industrial WW	6	624 Volatile Organic Compounds		
36	SPDES/IPP	Wastewater/Industrial WW	4	624 - VOC - Transport Blank		
	SPDES/IPP	Wastewater/Industrial WW	4	EPA 608 Pesticides/PCBs - 25 Compounds		
38	SPDES/IPP	Wastewater/Industrial WW	32	EPA Priority Pollutant Metals - 13 Metals		
	SPDES/IPP	Wastewater/Industrial WW	32	Total Molybdenum		
	SPDES/IPP	Wastewater/Industrial WW	32	Total Cyanide		
	SPDES/IPP	Wastewater/Industrial WW	16	Low Level Mercury		
	SPDES/IPP	Wastewater/Industrial WW	8	Low Level Mercury Blank	1	
	SPDES/IPP	<del> </del>	12	Total Aluminum with Digestion	+	
		Wastewater/Industrial WW			4	
	ALT TWS	Groundwater	6	Nitrates		
	ALT TWS	Groundwater	6	Chemical Oxygen Demand (COD)		
	ALT TWS	Groundwater	6	Total Organic Carbon (TOC)		
	ALT TWS	Groundwater	6	TDS(@180C)		
	ALT TWS	Groundwater	6	Sulfate		
49	ALT TWS	Groundwater	6	Alkalinity (AS CACO3)		
50	ALT TWS	Groundwater	6	Chloride		
	ALT TWS	Groundwater	6	Total Hardness (AS CACO3)		
	ALT TWS	Groundwater	6	Turbidity		
	ALT TWS	Groundwater	6	Color		
	ALT TWS	Groundwater	6	Volatile Organic Compounds		
	ALT TWS	Groundwater	6	624 - VOC - Transport Blank		
	ALT TWS	Groundwater	6	Cyanide	1	
	ALT TWS		6	1 2		
		Groundwater		Total Kjeldahl Nitrogen (TKN)		
58	ALT TWS	Groundwater	6	Ammonia as Nitrogen		
59	ALT TWS	Groundwater	6	23 Total Metals Including: B, K, Na, Fe, Mn, Mg, Al, Ca, Sb, As, Be, Ba, Cd, Cr, Hex-Cr, Cu, Pb, Hg, Ni, Se, Ag, Tl, Zn		

#### APPENDIX C Pricing

			Estimated		Price Per	Total Price
Item#	PROJECT	Matrix	Quantity	Item	Unit*	this Line*
60	LEACHATE	Wastewater-Landfill	3	624 - Volatile Organic Compounds		
61	LEACHATE	Wastewater-Landfill	2	624 - VOC - Transport Blank		
				Total Metals: Al, Ba, Bo, Cl, Co, Fe, Mg, Mn, Na, Vn, Mo, Sb,		
62	LEACHATE	Wastewater-Landfill	3	As, Be		
63	LEACHATE	Wastewater-Landfill	3	Chloride		
64	LEACHATE	Wastewater-Landfill	3	Hexavalent Chromium		
65	LEACHATE	Wastewater-Landfill	3	Nitrate		
66	LEACHATE	Wastewater-Landfill	3	Nitrite		
67	LEACHATE	Wastewater-Landfill	3	Sulfate		
68	LEACHATE	Wastewater-Landfill	3	EPA Priority Pollutant Metals - 13 Metals		
69	LEACHATE	Wastewater-Landfill	3	Oil & Grease		
70	LEACHATE	Wastewater-Landfill	3	EPA 625 Base Neutrals - 47 Compounds		
71	LEACHATE	Wastewater-Landfill	3	EPA 625 Acid Extractables - 11 Compounds		
72	LEACHATE	Wastewater-Landfill	6	Total Phosphorus		
73	LEACHATE	Wastewater-Landfill	6	Total Kjeldahl Nitrogen (TKN)		
74	LEACHATE	Wastewater-Landfill	6	Ammonia as Nitrogen		
75	LEACHATE	Wastewater-Landfill	3	EPA 608 Pesticides/PCBs - 25 Compounds		
76	LEACHATE	Wastewater-Landfill	6	Low Level Mercury		
77	LEACHATE	Wastewater-Landfill	3	Low Level Mercury Blank		
78	LEACHATE	Wastewater-Landfill	6	Total Cyanide		
79	SEPTAGE	Hauled Waste	10	Al, Ba, Bo, Cl, Co, Fe, Mg, Mn, Na, Vn, Mo		
80	SEPTAGE	Hauled Waste	10	EPA Priority Pollutant Metals - 13 Metals		
81	MISC	Water - Any project	20	Total Suspended Solids	1	
		•		Total Price for Items 1-81 above =		

\* Prices must be based on Accepted Methods in Appendix A and Required Detection Limits in Appendix B

Bidding Lab Name = \_\_\_\_\_ Date:\_\_\_\_\_



Phon Conta		ory:	in, stell	<b>.</b>				Contact: Phone: 5	ormation: attsburgh WPCP/WRRF Janelle Henry 18-536-7476 enryj@cityofplattsburgh-ny.gov
Proje	ct Location: C	City of Platts	sburgh Sl	ludge - An	nual				
Purch	nase Order#	≅ ,	TAT: N	ormal/Exp	edite	d	Sampler's	s Names(Print)	
SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses

WPCP Sludge		Soil	Composite (5 day)	1	7	See below	Total Phosphorus, Total PCB's, % solids, % volati NO2, NO3, TKN, Ammonia Nitrogen, Total Cyanid Filter Test, Reactive Sulfide, Reactive Cyanide			
WPCP Sludge		Soil	Grab	1	7		рН			
Sampled By: (Signature)	Date	Ti	me		Recei	ved By: (Sig	nature)	Date	Time	
Relinquished By: (Signature	e) Date	Tim	e		Recei	ved By: (Sig	nature)	Date	Time	
Dispatched By: (Signature)	Date	Tim	e		Receiv	ved For Labo	oratory By:	Date	Time	
PRESERVATIVES 1.HCI 5.H2SO4 2.HNO3 6.Filtered 3.NaOH 7. Refrigera 4.NaS2O3 8 Other:		1. San 2. Cus 3. Prop 4. CO	LE CONDITION  Inples receive tody seal(s) in per preservation rec'd w/sar inperature Record to the condition rec'd to the condition	ed inf intac tion? mple	ct? YE YE s? YE	S/NO S/NO S/NO		etals (PPM  .5 	ECTION LIMITS  1) (Mg/Kg Dry Wt)  Ni 20  Se 1  Mo 10	
Method of Shipment: UPS Fedex Hand Deliv	ered	Date o	f Shipment:_		2	<del></del>	Hg ( Ag 2: Zn 2	) 5 5		
NOTES:							Othe	r		

SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY

Report units in (mg/Kg dry weight)
\*This is an expanded metals list adding Silver and Barium

Other
Cyanide 0.5 mg/kg
Ammonia Nitrogen 100 mg/kg
Total Phosphorus 100 mg/kg
TKN 100 mg/kg
PCBs 1 mg/kg

#### Analytical Laboratory: Client Information: City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Email: henryj@cityofplattsburgh-ny.gov Contact: Project Location: City of Plattsburgh Sludge - Annual 6C Purchase Order # TAT: Normal/Expedited Sampler's Name:

SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses		
	WPCP Sludge*			Soil	Comp	1*	iced	See below	% Solids on 6-jar Composite		
	WPCP Sludge*			Soil	Comp	1*	iced	See below	EPA 8270 Base Neutrals (include Benzidine) EPA 8080 Pesticides/PCBs (need lowest DL on PC Total Phenols Total Cyanide Full TCLP analyses on 6-jar composite		
	WPCP Sludge*			Soil	Comp	1*	iced	See below			
	WPCP Sludge*			Soil	Comp	1*	iced	See below			
	WPCP Sludge*		Ţ.	Soil	Comp	1*	iced	See below			
	WPCP Sludge*			Soil	Comp	1*	iced	See below			
									No.		
Samı	pled By: (Signa	ture)	Date	Tim	ne		Receiv	ed By: (Sig	nature) Date Time		
	Ð			<u> </u>	-				, vi		
Relin	quished By: (Si	gnature)	Date	Time			Receiv	red By: (Sig	nature) Date Time		
Dispa	atched By: (Sigi	nature)	Date	Time			Receiv	ed For Lab	oratory By: Date Time		

#### **PRESERVATIVES** SAMPLE CONDITION 1.HCI 5.H2SO4 1. Samples received intact? YES/NO 2.HNO3 6.Filtered 2. Custody seal(s) intact? YES/NO 3.NaOH 7. Refrigerated 3. Proper preservation? YES/NO 4.NaS2O3 8 Other:\_\_ 4. COC rec'd w/samples? YES/NO 5 Temperature Received: Method of Shipment: UPS Fedex Hand Delivered Date of Shipment:

SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY

Report units in (mg/Kg dry weight) -all analyses

\*Lab composite grab samples into one, before analysis.

We need as low detection limit as possible on all analytes, especially PCBs

Report % solids on the composited sample.

#### REQUIRED DETECTION LIMITS

Total Metals (PPM) (Mg/Kg Dry Wt)

Pentachlorophenol 3.5 mg/kg Total Phenolics 1.0 mg/kg Naphthalene 0.7 mg/kg Methylene Chloride 0.2 mg/kg Trichloroethylene 0.2 mg/kg Toluene 0.2 mg/kg Bis-2(ethylhexyl)Phthalate 3:0 mg/kg Benzidine 3.0 mg/kg PCBs 0.08 mg/kg

Cyanide 0.5 mg/kg

#### Analytical Laboratory: Client Information City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Phone: Email: henryj@cityofplattsburgh-ny.gov Contact: Project Location: City of Plattsburgh Sludge - Annual Volatiles Purchase Order # TAT: Normal/Expedited Sampler's Name: (Print) SMPL Sample Sample Pres. Detection # ID Date Time Matrix # Type Type Limit PPB Analyses WPCP Sludge\* Soil 2 Grab DI H2O See below EPA 8260 Volatile Solids WPCP Sludge\* Soil Grab 1 See below Methanol EPA 8260 Volatile Solids WPCP Sludge\* Soil Grab 1 lced See below % Solids Analysis Sampled By: (Signature) Date Time Received By: (Signature) Date Time Relinquished By: (Signature) Date Time Received By: (Signature) - Date Time Dispatched By: (Signature) Date Time Received For Laboratory By: Date Time **PRESERVATIVES** SAMPLE CONDITION REQUIRED DETECTION LIMITS 1.HCI 5.H2SO4 1. Samples received intact? YES/NO Total Metals (PPM) (Mg/Kg Dry Wt) 2.HNO3 6.Filtered 2. Custody seal(s) intact? YES/NO Pentachlorophenol 3.5 mg/kg 3.NaOH 7. Refrigerated 3. Proper preservation? YES/NO Total Phenolics 1.0 mg/kg 4.NaS2O3 8 Other:\_\_\_\_ 4. COC rec'd w/samples? YES/NO Naphthalene 0.7 mg/kg 5 Temperature Received: Methylene Chloride 0.2 mg/kg Trichloroethylene 0.2 mg/kg Method of Shipment: Toluene 0.2 mg/kg UPS Fedex Hand Delivered Date of Shipment Bis-2(ethylhexyl)Phthalate 3.0 mg/kg Benzidine 3.0 mg/kg PCBs 0.08 mg/kg

NOTES:

SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY Report units in (mg/Kg dry weight) –all analyses

We need as low detection limit as possible on all analytes.

Cyanide 0.5 mg/kg

Anal Phor Cont		tory:						Contact: Phone: 5	ormation: attsburgh W Janelle Hei 18-536-747 enryj@cityo	nry 76		
Proje	ect Location:	City of Plat	tsburgh S	ludge - M	onthly							
Purchase Order #				TAT: N	TAT: Normal/Expedited				Sampler's Name:(Print)			
MPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses			
	WPCP Sludge			Soil	Composite (5 day)	1	7	See below	Total Phosph	norus, Total PC	n, Ni, Pb, Se, Zn, Hg), CB's, % solids, % volatile nmonia Nitrogen	
	WPCP Sludge	)		Soil	Grab	1	7		pH	1100  1111  111	IIIIOIIII Willogoli	
Sampled By: (Signature) Date				Time Red			Receiv	ceived By: (Signature) Date			Time	
Relin	quished By:	(Signature)	Date	Time			Receiv	Received By: (Signature)			Time	
Dispa	atched By: (S	ignature)	Date	Time			Receiv	ed For Lab	oratory By:	Date	Time	
1.HC 2.HN 3.Na 4.Na Meth	O3 6.	1. Samp 2. Custo 3. Prope 4. COC 5 Temp	E CONDITION Les receive dy seal(s) or preservat rec'd w/sar erature Rec Shipment;	d intintaction?	t? YES YES s? YES ed:	S/NO S/NO S/NO		etals (PPM .5 2 5 20 0.5	CTION LIMITS ) (Mg/Kg Dry Wt) Ni 20 Se 1 Mo 10			
NOT	<u>ES:</u>						6		Othe	г		

SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY Report units in (mg/Kg dry weight)

Cyanide 0.5 mg/kg Ammonia Nitrogen 100 mg/kg Total Phosphorus 100 mg/kg TKN 100 mg/kg PCBs 1 mg/kg

Anal Phor Cont	The second secon	y:	no sesso	-				City of Pl Contact: Phone:	formation: lattsburgh W Janelle Her 518-536-747 enryj@cityof	nгу '6	
Proje	ect Location: Ci	ity of Platt	sburgh Sl	udge - Q	uarterly						
Purc	hase Order #		TAT: Normal/Expedited				Sampler's Name:(Print)			<del>//</del> _	
SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses		
	WPCP Sludge		Time	Soil	Composite (5 day)	1	7	See below	Total As, Cr, Total Phosph	iorus, Total PC NO3, TKN, Arr	, Ni, Pb, Se, Zn, Hg), B's, % solids, % volatile nmonía Nitrogen, Total
	WPCP Sludge			Soil	Grab	1	7		pH		
	oled By: (Signat		Date	Time			*	ved By: (Sig	· · · · · · · · · · · · · · · · · · ·	Date Date	Time Time
Dispa	atched By: (Sigr	nature)	Date	Time			Receiv	ed For Lat	ooratory By:	Date	Time
PRES 1.HC 2.HN 3.Na 4.Na	O3 6.Fil OH 7. Re	2SO4 tered efrigerate her:		1. Samp 2. Custo 3. Prope 4. COC	E CONDITI bles receive bdy seal(s) i er preservat rec'd w/sar erature Rec	d int intac tion? nple:	t? YES YES s? YES	S/NO S/NO S/NO	Total Me As 1 Cd 2 Cr 5 Cu 2	etals (PPM .5 ?	CTION LIMITS ) (Mg/Kg Dry Wt) Ni 20 Se 1 Mo 10
	od of Shipment: Fedex Han		ed	Date of	Shipment:_				Pb 2 Hg 0 Ag 25 Zn 2	).5 5	
NOTE SENE Repo	ES: O A COPY OF T rt units in (mg/K	THIS COC	C, COMPL	ETED, B	ACK TO OI	UR L	.ABORA	TORY	Amm Total TKN	ide 0.5 mg. onia Nitrog	ien 100 mg/kg us 100 mg/kg

#### Analytical Laboratory: Client Information: City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Phone: Email: henryi@cityofplattsburgh-ny.gov Contact: Project Location: City of Plattsburgh Influent - Annual Purchase Order # \_\_\_\_\_ TAT: Normal/Expedited Sampler's Name: (Print) Level 1 QA/QC is requested on this sample submission as per Item 15 of our Lab Services Contract with your company. SMPL Sample Sample Pres. Detection # ID Туре Date Time Matrix # Analyses Type Limit PPB WPCP Influent Water 1 Comp 2 See below Total EPA Priority Pollutant Metals, Mo WPCP Influent

Comp

Comp

Comp

Comp

Comp

1

1

1

1

2

3

0.2

10

See below

See below

Total Mercury 245.1

EPA 625 w/Acid Extractables and Base

EPA 608 Pesticides and PCBs

Spare bottle for EPA 625/EPA 608

PP Total Cyanide

Neutrals

Water

Water

Water

Water

Water

Sampled By: (Signature)	Date	Time	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Date	Time
Dispatched By: (Signature)	Date	Time	Received For Laboratory By:	Date	Time

PRESERVATI 1.HCl	IVES 5.H2SO4	SAMPLE CONDITION  1. Samples received intact? YES/NO	REQUIRED DE	ETECTION LIMITS
2.HNO3	6.Filtered	2. Custody seal(s) intact? YES/NO	As 5	Sb 60
3.NaOH	<ol><li>Refrigerated</li></ol>	3. Proper preservation? YES/NO	Cd 0.5	Be 5
4.NaS2O3	8 Other:	4. COC rec'd w/samples? YES/NO	Cr 10	TI 10
		5 Temperature Received:	Cu 10	Fe 10
Made L COL			Pb 3	AI 100
Method of Ship			Hg 0.2	Ni 10
UPS Fedex	Hand Delivered	Date of Shipment:	Ag 1	Se 5
			Zn 20	Mo 5
NOTES:			044	

NOTES:

WPCP Influent

**WPCP Influent** 

WPCP Influent

WPCP Influent

SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY Method 608 - Per Arochlor Method 625 Base Neutrals - 47 Compounds Method 625 Acid Extractables - 11 Compounds

Other Cyanide 10 ppb Total Phenolics 1 ppb Naphthalene 5 ppb Bis(2-ethylhexyl) Phthalate 5ppb PCBs per arochlor 0.05 ppb

# Analytical Laboratory: Phone: Contact:

Client Information:

City of Plattsburgh WPCP/WRRF

Contact: Janelle Henry Phone: 518-536-7476

Email: henryj@cityofplattsburgh-ny.gov

Project Location: City of Plattsburgh Effluent - Annual

Purchase	Order #	!

TAT: Normal/Expedited

Sampler's	Name:		
		(Print)	

Level 1 QA/QC is requested on this sample submission as per Item 15 of our Lab Services Contract with your company.

SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses
	WPCP Effluent			Water	Comp	1	2	See below	Total EPA Priority Pollutant Metals, Mo, Al
	WPCP Effluent			Water	Comp	1	2	0.2	Total Mercury 245.1
	WPCP Effluent			Water			PP Total Cyanide		
	WPCP Effluent			Water	Comp	1 See below		See below	EPA 625 w/Acid Extractables and Base Neutrals
	WPCP Effluent			Water	Comp	1		See below	EPA 608 Pesticides and PCBs
	WPCP Effluent			Water	Comp	1			Spare bottle for EPA 625/EPA 608
	WPCP Effluent	PCP Effluent		Water	Grab	1		See below	EPA 624 (1 set of 3 vials)
	Blank			Water	Blank	1		See below	EPA 624 Transport Blank

	Sampled By: (Signature)	Date	Time	Received By: (Signature)	Date	Time
_h	Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Date	Time
	Dispatched By: (Signature)	Date	Time	Received For Laboratory By:	Date	Time

<b>PRESERVAT</b>	IVES	SAMPLE CONDITION	REQU
1.HCl 2.HNO3 3.NaOH 4.NaS2O3	5.H2SO4 6.Filtered 7. Refrigerated 8 Other:	1. Samples received intact? YES/NO 2. Custody seal(s) intact? YES/NO 3. Proper preservation? YES/NO 4. COC rec'd w/samples? YES/NO 5 Temperature Received:	PP As Cd Cr Cu
Method of Sh UPS Fedex	ipment: Hand Delivered	Date of Shipment:	Pb Hg Ag

NOTES:

SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY Method 608 – Per Arochlor Method 625 Base Neutrals – 47 Compounds Method 625 Acid Extractables – 11 Compounds

PP Metals (PPB)
As 5 Sb 60

Cd 0.5 Be 5
Cr 10 TI 10
Cu 10 Fe 10
Pb 3 Al 100
Hg 0.2 Ni 10
Ag 1 Se 5
Zn 20 Mo 5

Other
Cyanide 10 ppb
Total Phenolics 1 ppb
Naphthalene 5 ppb
Bis(2-ethylhexyl) Phthalate 5ppb
PCBs per arochlor 0.05 ppb
Toluene, TCE, Methylene Chloride 5ppb

#### Analytical Laboratory: Client Information: City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Phone: Email: henryj@cityofplattsburgh-ny.gov Contact: Project Location: City of Plattsburgh Influent - Quarterly Purchase Order # \_\_\_\_\_ TAT: Normal/Expedited Sampler's Name: Level 1 QA/QC is requested on this sample submission as per Item 15 of our Lab Services Contract with your company. SMPL Sample Sample Pres. Detection # ID Date Time Matrix Type Type Limit PPB Analyses WPCP Influent Water 1 Comp See below Total EPA Priority Pollutant Metals, Mo 2 WPCP Influent Water Comp 1 2 0.2 Total Mercury 245.1 WPCP Influent Water Comp 1 3 10 PP Total Cyanide WPCP Influent Water 1 Comp See below EPA 625 w/ Base Neutrals WPCP Influent Water Comp 1 See below Spare bottle for EPA 625 Sampled By: (Signature) Date Time Received By: (Signature) Date Time Relinquished By: (Signature) Date Time Received By: (Signature) Date Time Dispatched By: (Signature) ` Date Time Received For Laboratory By: Date Time **PRESERVATIVES** SAMPLE CONDITION REQUIRED DETECTION LIMITS 1.HCI 5.H2SO4 1. Samples received intact? YES/NO PP Metals (PPB) 2.HNO3 6.Filtered 2. Custody seal(s) intact? YES/NO As 5 Sb 60 3.NaOH 7. Refrigerated 3. Proper preservation? YES/NO Cd 0.5 Be 5 4.NaS2O3 8 Other: 4. COC rec'd w/samples? YES/NO Cr 10 TI 10 5 Temperature Received: Cu 10 Fe 10 Pb 3 Al 100 Method of Shipment: Hg 0.2 Ni 10 UPS Fedex Hand Delivered Date of Shipment:\_\_\_\_\_ Ag 1 Se 5 Zn 20 Mo 5 NOTES: Other SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY Cyanide 10 ppb

Method 625 Base Neutrals - 47 Compounds

Total Phenolics 1 ppb Naphthalene 5 ppb Bis(2-ethylhexyl) Phthalate 5ppb

#### Analytical Laboratory: Client Information: City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Phone: Email: henryj@cityofplattsburgh-ny.gov Contact: Project Location: City of Plattsburgh Effluent - Quarterly Purchase Order # \_\_\_\_\_ TAT: Normal/Expedited Sampler's Name:\_\_\_\_ Level 1 QA/QC is requested on this sample submission as per Item 15 of our Lab Services Contract with your company. SMPL Sample Pres. Sample Detection # ID Date Time Matrix # Type Type Limit PPB Analyses WPCP Effluent 1 Water Comp See below 2 Total EPA Priority Pollutant Metals, Mo, Al WPCP Effluent Water Comp 1 2 0.2 Total Mercury 245.1 WPCP Effluent Water Comp 1 3 10 PP Total Cyanide WPCP Effluent Water 1 Comp See below EPA 625 w/ Base Neutrals WPCP Effluent Water Comp 1 See below Spare bottle for EPA 625 Sampled By: (Signature) Date Time Received By: (Signature) Date Time Relinquished By: (Signature) Date Received By: (Signature) Time Date Time Dispatched By: (Signature) Date Time Received For Laboratory By: Date Time **PRESERVATIVES** SAMPLE CONDITION REQUIRED DETECTION LIMITS 1.HCI 1. Samples received intact? YES/NO 5.H2SO4 PP Metals (PPB) 2.HN03 6.Filtered 2. Custody seal(s) intact? YES/NO As 5 Sb 60 3.NaOH 7. Refrigerated 3. Proper preservation? YES/NO Cd 0.5 Be 5 4.NaS2O3 8 Other: 4. COC rec'd w/samples? YES/NO Cr 10 TI 10 5 Temperature Received: Cu 10 Fe 10 Pb 3 AI 100 Method of Shipment: Hg 0.2 Ni 10 UPS Fedex Hand Delivered Date of Shipment: Ag 1 Se 5 Zn 20 Mo 5 NOTES: **Other** SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY Cyanide 10 ppb Method 625 Base Neutrals - 47 Compounds Total Phenolics 1 ppb Naphthalene 5 ppb

Bis(2-ethylhexyl) Phthalate 5ppb

Analytical Laboratory:	
Contraction of the Contraction o	
Control of the contro	
Phone:	
Contact:	

Client Information:
City of Plattsburgh WPCP/WRRF
Contact: Janelle Henry
Phone: 518-536-7476

Email: henryj@cityofplattsburgh-ny.gov

Project Location: City of Plattsburgh Influent - Monthly

Purchase	Order#	

TAT: Normal/Expedited

Sampler's Name:		
	(Print)	

SMPL #	Sample ID	Sample Date	Time	Matrix	Type	#	Pres. Type	Detection Limit PPB	Analyses
	WPCP Influent			Water	Comp	1	2	See below	Total EPA Priority Pollutant Metals, Mo
	WPCP Influent			Water	Comp	1	2	See below	Total Mercury 245.1
	WPCP Influent			Water	Comp	1	3	See below	

Sampled By: (Signature)	Date	Time	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Date	Time
Dispatched By: (Signature)	Date	Time	Received For Laboratory By:	Date	Time

PRESERVATIVES 1.HCl 5.H2SO4	SAMPLE CONDITION  1. Samples received intact? YES/NO	REQUIRED DETECTION LIMITS PP Metals (PPB)		
2.HNO3 6.Filtered 3.NaOH 7. Refriger	2. Custody seal(s) intact? YES/NO	As 5 Sb 60		
4.NaS2O3 8 Other:		Cd 0.5 Be 5 Cr 10 TI 10 Cu 10 Fe 10		
Method of Shipment: UPS Fedex Hand Deli	Pb 3 Al 100 Hg 0.2 Ni 10 Se 5			
NOTES: SEND A COPY OF THIS C	Ag 1 Zn 20 Mo 5			
		211		

Other Cyanide 10 ppb

Anal Phor Cont		ory:	W. San					Contact: Phone: 5	ormation: attsburgh W Janelle Hen 18-536-747 nryj@cityof	гу 6	
Ргоје	ect Location:	City of Plat	tsburgh –	Effluent M	onthly						
Purchase Order#			TAT: Normal/Expedited				Sampler's Name:(Print)  15 of our Lab Services Contract with your				
com	pany.										
MPL #	Sample ID WPCP Effluen	Sample Date	Time	Matrix Water	Type Comp Comp	# 1 1	Pres. Type 2	Detection Limit PPB See below See below	Analyses Total EPA PP Metals, Mo, Al Total Mercury 245.1		
	WPCP Effluen	t		Water			2				
	WPCP Effluent			Water	Comp	1	3	See below	PP Total Cyanide		
	oled By: (Sigr	-	Date Date	Time			r <del></del>	red By: (Sig	·	Date Date	Time
Dispatched By: (Signature) Date		Time Recei			Receiv	ed For Laboratory By: Date Time					
PRESERVATIVES  1.HCI 5.H2SO4 2.HNO3 6.Filtered 3.NaOH 7. Refrigerated 4.NaS2O3 8 Other:  Method of Shipment: UPS Fedex Hand Delivered  NOTES: SEND A COPY OF THIS COC, COMPLET			4. COC rec'd w/samples? YES 5 Temperature Received:  Date of Shipment:				S/NO S/NO S/NO	/NO			
									<u>Other</u> Cyani	de 10 ppb	

Phor	ytical Labor ne: • • • • • • • • • • • • • • • • • • •	ratory			-				Contact: Phone: 5	ormation: attsburgh Wi Janelle Hen 18-536-7476 nryj@cityof	ry . 3	.7
-	ect Location		-	_		ormal/Exp	edited	d	Sampler's	Name:	(Print)	
SMPL #	Sample		Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses		
	WPCP Influ	ent			Water	Grab	1	1	Per method	Low Level Mercury by Method		ethod 1631
	WPCP Efflu				Water	Grab	1	1	Per method	Low Level M	ethod 1631	
	Hg 1631 Bla	ank			Water	Blank	1	1	Per method	Per method		ethod 1631
Sampled By: (Signature)  Relinquished By: (Signature)  Date					Time				ed By: (Signed By:		Date Date	Time Time
Dispatched By: (Signature) Date			Time			Receiv	ed For Labo	oratory By:	Date	Time		
PRESERVATIVES         1.HCl       5.H2SO4         2.HNO3       6.Filtered         3.NaOH       7. Refrigerated         4.NaS2O3       8 Other:				SAMPLE CONDITION  1. Samples received intact? YES 2. Custody seal(s) intact? YES 3. Proper preservation? YES 4. COC rec'd w/samples? YES 5 Temperature Received:				S/NO Low level mercury 0.5 ng/L S/NO S/NO				
Method of Shipment: UPS Fedex Hand Delivered				Date of Shipment:								

NOTES: SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY  $% \left( 1,0\right) =0$ 

Analytica	Laboratory:
ALE DAVI	
A TOP SE	MANAGE CONTRACTOR
Phone:	25 280 5300°
Contact:	<b>COLONICALIA DE LA COLONICA DEL COLONICA DE LA COLONICA DEL COLONICA DE LA COLONICA DEL COLONICA DE LA COLONICA DE LA COLONICA DEL COLONICA DE LA COLONICA DE LA COLONICA DE LA COLONICA DE LA COLONICA DEL COLONICA DE LA COLONICA DEL COLONICA DE LA COLONICA DE LA COLONICA DEL </b>

Client Information:

City of Plattsburgh WPCP/WRRF

Contact: Janelle Henry Phone: 518-536-7476

Email: henryj@cityofplattsburgh-ny.gov

Project Location: City of Plattsburgh Pactiv - Annual

Purchase	Order	#	

TAT: Normal/Expedited

Sampler's Name:		
	(Print)	

SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses
	Pactiv			Water	Comp	1	2	See below	Total EPA Priority Pollutant Metals, Mo
	Pactiv			Water	Comp	1	2	0.2	Total Mercury 245.1
	Pactiv			Water	Comp	1	3	10	PP Total Cyanide
	Pactiv			Water	Comp	1		See below	EPA 625 w/Acid Extractables and Base Neutrals
	Pactiv			Water	Comp	2		See below	EPA 608 Pesticides and PCBs
	Pactiv			Water	Comp	1			Spare bottle for EPA 625/EPA 608
	Pactiv			Water	Comp	1	5	See below	Ammonia Nitrogen, Total Phosphorus
	Pactiv			Water	Grab	1		See below	EPA 624 (1 set of 3 vials)
	Blank			Water	Blank	1		See below	EPA 624 Transport Blank

Sampled By: (Signature)	Date	Time	Received By: (Signature)	ate	Time
Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Date	Time
Dispatched By: (Signature)	Date	Time	Received For Laboratory By:	Date	Time

PRESERVAT	TIVES
1 HCI	5 H2SO4

6.Filtered 2.HNO3 3.NaOH 7. Refrigerated 4.NaS2O3 8 Other:\_\_\_\_

#### SAMPLE CONDITION

1. Samples received intact? YES/NO 2. Custody seal(s) intact? YES/NO 3. Proper preservation? YES/NO 4. COC rec'd w/samples? YES/NO 5 Temperature Received:

THE OWNER OF THE	TEGITOR EMILIO
PP Metals (F	PB)
As 5	Sb 60
Cd 0.5	Be 5
Cr 10	TI 10
Cu 10	Fe 10

Al 100

Ni 10

Se 5

Mo 5

REQUIRED DETECTION LIMITS

Method of Shipment: UPS Fedex Hand Delivered

Date of Shipment:

#### Other

Pb 3

Hg 0.2

Ag 1

Zn 20

Cyanide 10 ppb Total Phenolics 1 ppb Naphthalene 5 ppb Bis(2-ethylhexyl) Phthalate 5ppb PCBs per arochlor 0.05 ppb

Toluene, TCE, Methylene Chloride 5ppb Ammonia Nitrogen 1.0 mg/L Total Phosphorus 0.1 mg/L

#### NOTES:

SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY Method 608 - Per Arochlor Method 625 Base Neutrals - 47 Compounds Method 625 Acid Extractables ~ 11 Compounds

## Analytical Laboratory: Phone: Contact: 1

Client Information:

City of Plattsburgh WPCP/WRRF

Contact: Janelle Henry Phone: 518-536-7476

Email: henryj@cityofplattsburgh-ny.gov

Project Location: City of Plattsburgh GP - Annual

Purchase Order #	TAT: Normal/Expedited	Sampler's Name:		
			(Print)	

SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses
	GP			Water	Comp	1	2	See below	Total EPA Priority Pollutant Metals, Mo
	GP			Water	Comp	1	2	0.2	Total Mercury 245.1
	GP			Water	Comp	1	3	10	PP Total Cyanide
	GP			Water	Comp	1		See below	EPA 625 w/Acid Extractables and Base Neutrals
	GP			Water	Comp	2		See below	EPA 608 Pesticides and PCBs
	GP			Water	Comp	1			Spare bottle for EPA 625/EPA 608
	GP			Water	Comp	1	5	See below	Ammonia Nitrogen, Total Phosphorus

Sampled By: (Signature)	Date	Time	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Date	Time
Dispatched By: (Signature)	Date	Time	Received For Laboratory By:	Date	Time

PRESERVATIVES	SAMPLE CONDITION	REQUIRED DETECTION LIMITS
1.HCI 5.H2SO4	1. Samples received intact? YES/NO	PP Metals (PPB)
2.HNO3 6.Filtered	<ol><li>Custody seal(s) intact? YES/NO</li></ol>	As 5 Sb 60
3.NaOH 7. Refrigerated	<ol><li>Proper preservation? YES/NO</li></ol>	Cd 0.5 Be 5
4.NaS2O3 8 Other:	4. COC rec'd w/samples? YES/NO	Cr 10 TI 10
	5 Temperature Received:	Cu 10 Fe 10
Mothed of Chiannata		Pb 3 Al 100
Method of Shipment: UPS Fedex Hand Delivered	5 4 601	Hg 0.2 Ni 10
UPS Fedex Hand Delivered	Date of Shipment:	Ag 1 Se 5
		Zn 20 Mo 5

#### NOTES:

SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY Method 608 - Per Arochlor Method 625 Base Neutrals - 47 Compounds Method 625 Acid Extractables - 11 Compounds

Other Cyanide 10 ppb Total Phenolics 1 ppb Naphthalene 5 ppb Bis(2-ethylhexyl) Phthalate 5ppb PCBs per arochlor 0.05 ppb Ammonia Nitrogen 1.0 mg/L Total Phosphorus 0.1 mg/L

Analytical	Laboratory:		
Section 1			_
	No. of Street,	Man () = VIV. S. (C.)	
Phone:	H. 248 (1378)		
Contact:			

Client Information:

City of Plattsburgh WPCP/WRRF

Contact: Janelle Henry Phone: 518-536-7476

Email: henryj@cityofplattsburgh-ny.gov

Project Location: City of Plattsburgh Pactiv - Quarterly

Purchase	Order	#	

TAT: Normal/Expedited

Sampler's Name:		
	(Print)	

SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses
	Pactiv			Water	Comp	1	2	See below	Total EPA Priority Pollutant Metals, Mo
	Pactiv			Water	Comp	1	2	0.2	Total Mercury 245.1
	Pactiv			Water	Comp	1	3	10	PP Total Cyanide
	Pactiv			Water	Comp	1		See below	EPA 625 Base Neutrals
	Pactiv			Water	Comp	1			Spare bottle for EPA 625
	Pactiv			Water	Comp	1	5	See below	Ammonia Nitrogen, Total Phosphorus
	Pactiv			Water	Grab	1		See below	EPA 624 (1 set of 3 vials)
	Blank			Water	Blank	1		See below	EPA 624 Transport Blank

Sampled By: (Signature)	Date	Time	Received By: (Signature)	ate	Time
Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Date	Time
Dispatched By: (Signature)	Date	Time	Received For Laboratory By:	Date	Time

PRESERVATIV	5.H2SO4	SAMPLE CONDITION  1. Samples received intact? YES/NO	REQUIRED DETECTION LIMITS PP Metals (PPB)
2.HNO3	6.Filtered	2. Custody seal(s) intact? YES/NO	As 5 Sb 60
3.NaOH	<ol><li>Refrigerated</li></ol>	3. Proper preservation? YES/NO	Cd 0.5 Be 5
4.NaS2O3	8 Other:	4. COC rec'd w/samples? YES/NO	Cr 10 TI 10
		5 Temperature Received:	Cu 10 Fe 10
		<del>-</del>	Pb 3 Al 100
Method of Ship	ment:		Hg 0.2 Ni 10
UPS Fedex	Hand Delivered	Date of Shipment:	Ag 1 Se 5
		•	Zn 20 Mo 5

NOTES:

SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY

Method 625 Base Neutrals - 47 Compounds

Other
Cyanide 10 ppb
Total Phenolics 1 ppb
Naphthalene 5 ppb
Bis(2-ethylhexyl) Phthalate 5ppb
Toluene, TCE, Methylene Chloride 5ppb
Ammonia Nitrogen 1.0 mg/L
Total Phosphorus 0.1 mg/L

# Analytical Laboratory: Phone: Contact:

Client Information:

City of Plattsburgh WPCP/WRRF

Contact: Janelle Henry Phone: 518-536-7476

Email: henryj@cityofplattsburgh-ny.gov

Project Location: City of Plattsburgh GP - Quarterly

Purchase Order#	TAT: Normal/Expedited	Sampler's Name:	
			(Print)

SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses
	GP			Water	Comp	1	2	See below	Total EPA Priority Pollutant Metals, Mo
	GP			Water	Comp	1	2	0.2	Total Mercury 245.1
	GP			Water	Comp	1	3	10	PP Total Cyanide
	GP			Water	Comp	1		See below	EPA 625 Base Neutrals
	GP			Water	Comp	1			Spare bottle for EPA 625
	GP			Water	Comp	1	5	See below	Ammonia Nitrogen, Total Phosphorus

Sampled By: (Signature)	Date	Time	Received By: (Signature)	Date	Time	
Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Date	Time	23
Dispatched By: (Signature)	Date	Time	Received For Laboratory By:	Date	Time	9)

PRESERVATI	<u>VES</u>	SAMPLE CONDITION	REQUIRED DETECTION LIMITS		
1.HCł	5.H2SO4	1. Samples received intact? YES/NO	PP Metals (PPB)		
2.HNO3	6.Filtered	2. Custody seal(s) intact? YES/NO	As 5 Sb 60		
3.NaOH	<ol><li>Refrigerated</li></ol>	3. Proper preservation? YES/NO	Cd 0.5 Be 5		
4.NaS2O3	8 Other:	4. COC rec'd w/samples? YES/NO	Cr 10 TI 10		
		5 Temperature Received:	Cu 10 Fe 10		
			Pb 3 Al 100		
Method of Ship			Hg 0.2 Ni 10		
UPS Fedex	Hand Delivered	Date of Shipment:	Ag 1 Se 5		
			Zn 20 Mo 5		

NOTES:

SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY

Method 625 Base Neutrals - 47 Compounds

Other
Cyanide 10 ppb
Total Phenolics 1 ppb
Naphthalene 5 ppb
Bis(2-ethylhexyl) Phthalate 5ppb
Ammonia Nitrogen 1.0 mg/L
Total Phosphorus 0.1 mg/L

Phor	ytical Labora	atory:	io pilino:					Contact: 5	ormation: attsburgh W Janelle Her 18-536-747 nryj@cityof	iry . 6	
	ect Location: hase Order	LLHG TAT: Normal/Expedited				Sampler's	Sampler's Name:(Print)				
SMPL #	Sample	Sample Date	Time	Matrix	Tuna	П.,	Pres.	Detection	0 = =1		
	Pactiv	Male	Time	Matrix Water	Type Grab	1	Type 1	Per method	Analyses Low Level N	fercury by Me	ethod 1631
	GP			Water	Grab	1	1	Per method		fercury by Me	
	Hg 1631 Bla	nk		Water	Blank	1	1	Per method	Low Level N	fercury by Me	ethod 1631
	pled By: (Sig	gnature) (Signature)	Date Date	Time	2			red By: (Signary	· · · · · ·	Date Date	Time Time
Dispa	atched By: (	Signature)	Date	Time			Receiv	Received For Laboratory By: Date Time			Time
PRESERVATIVES         1.HCI       5.H2SO4         2.HNO3       6.Filtered         3.NaOH       7. Refrigerated         4.NaS2O3       8 Other:				1. Sampl 2. Custod 3. Proper 4. COC r	E CONDIT es receive dy seal(s) preserva ec'd w/sa erature Re	ed int intac ition? mple:	t? YE YE s? YE	S/NO S/NO S/NO		*: ·	ory 0.5 ng/L
	od of Shipm Fedex I	Date of Shipment:									

NOTES: SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY

Anal Phor Cont		Υ: ••••••••••••••••••••••••••••••••••••	UD . E(4*)	· · · · · · · · · · · · · · · · · · ·	e e e e e e e e e e e e e e e e e e e	5	. * .	Contact: Phone: 5	ormation: attsburgh W Janelle Her 18-536-747 enryj@cityot	nry . 6		
Proje	ect Location: Ci	ty of Platt	sburah P	rimary Effl	uent	$\Sigma^{\mathcal{D}}$	Ţ.					
	hase Order#	,	5	73		n ii	±	C-manlawa	Name of			
r tarc,	nase Order #_			TAT. INC	rmal/Expe	aarrėi	<b>u</b>	Sampler's	Name:	(Print)		
SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses			
	WPCP Primary Effluent			Water	Comp	1	2	See below		Priority Pollut	ant Metals, Mo, Al	
	WPCP Primary Effluent			Water	Comp	1	2	0.2	Total Mercu	ry 245.1		_
	WPCP Primary Effluent			Water	Comp	1	3	10	PP Total Cy	anide		
	WPCP Primary Effluent			Water	Comp	1	5	See below	Ammonia N	itrogen, Tota	l Phosphorus	_
	oled By: (Signal		Date	Time	<u> </u>			red By: (Sig	·	Date	Time	
Relin	quished By: (Si	gnature)	Date	Time			Receiv	ed By: (Sig	nature)	Date	Time	
Dispa	atched By: (Sigr	nature)	Date	Time			Receiv	ed For Lab	oratory By:	Date	Time	
PRES 1.HC 2.HN 3.Na 4.Na	O3 6.FiI DH 7. R	SAMPLE CONDITION  1. Samples received intact? YES 2. Custody seal(s) intact? YES 3. Proper preservation? YES 4. COC rec'd w/samples? YES 5 Temperature Received:				S/NO S/NO S/NO		letals (PPE ).5 0	Sb 60 Be 5 TI 10 Fe 10			
	od of Shipment Fedex Han	ed	Date of Shipment:			=	Pb 3 Hg 0 Ag 1 Zn 2	0.2	Al 100 Ni 10 Se 5 Mo 5			
NOTE	ES: O A COPY OF 1	HIS COC	, COMPL	ETED, BA	ск то о	UR L	ABORA	TORY	Amm	ide 10 ppb ionia Nitrog	) gen 1.0 mg/L us 0.1 mg/L	

# Analytical Laboratory: Phone: Contact:

Client Information:

City of Plattsburgh WPCP/WRRF

Contact: Janelle Henry Phone: 518-536-7476

Email: henryj@cityofplattsburgh-ny.gov

Project Location: City of Plattsburgh Leachate - Spring

Purchase Order #	
------------------	--

TAT: Normal/Expedited

Sampler's Name:		
	(Print)	

SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses
				Water	Grab	1	5	See below	Oil and Grease
				Water	Grab	1	5	See below	TKN, Ammonia Nitrogen, Total Phosphorus
				Water	Grab	1	3	10	PP Total Cyanide
				Water	Grab	2		See below	EPA 625 Acid Extractables and Base Neutrals
				Water	Grab	4		See below	EPA 608 Pesticides and PCBs
				Water	Grab	1		See below	CI, SO4, Cr+6, NO2, NO3
				Water	Grab	1		See below	EPA 624 (1 set of 3 vials)
				Water	Blank	1		See below	EPA 624 Transport Blank
				Water	Grab	2	2	See below	23 PP Total Metals: Al, Sb, As, Ba, Be, B, Cd, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, Se, Na, Ag, Tl, V, ZN and Hg (245.1)

Sampled By: (Signature)	Date	Time ——————		Received By: (Signature)	Date	Time	
Relinquished By: (Signature)	Date	Time		Received By: (Signature)	Date	Time	
Dispatched By: (Signature)	Date	Time	2	Received For Laboratory By:	Date	Time	

PRESERVAT 1.HCl 2.HNO3 3.NaOH 4.NaS2O3	IVES 5.H2SO4 6.Filtered 7. Refrigerated 8 Other:	SAMPLE CONDITION  1. Samples received intact? YES/NO 2. Custody seal(s) intact? YES/NO 3. Proper preservation? YES/NO 4. COC rec'd w/samples? YES/NO 5 Temperature Received:	
Method of Shi UPS Fedex	pment: Hand Delivered	Date of Shipment:	

REQU	IRED D	DETE	CTIC	NC	LIMITS
PP	Metals	(PPB	)		
-	-		- ·		

PP Metals (F	PPB)
As 5	Sb 60
Cd 0.5	Be 1
Cr 10	TI 5
Cu 10	Fe 10
Pb 3	AI 100
Hg 0.2	Ni 10
Ag 1	Se 5
7n 20	Mo 10

NOTES: SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY Method 608 – Per Arochlor Method 625 Base Neutrals – 47 Compounds Method 625 Acid Extractables – 11 Compounds Toluene, TCE, Methylene Chloride 1 ppb
Cyanide 10 ppb
Sulfide 100 ppb
Total Phenolics 10 ppb
Naphthalene 5 ppb
Bis(2-ethylhexyl) Phthalate 5 ppb
PCBs per arochlor 0.1 ppb
TKN, Ammonia Nitrogen 1 mg/L
Oil&Grease 5 mg/L
Total Phosphorus 0.1 mg/L

Analy Phone Conta		pratory							Contact: 5	rmation: attsburgh W Janelle Hen 18-536-747 nryj@cityof	iry 6	
	et Locatio ase Orde				eachate - F	Fall ormal/Exp	oditor	4	Samplaria	Name:		
1 dicii	ase Orde	1 #		-	IAI. NO	лнаисхр	eartet	1	Samplers	Name	(Print)	- <del></del>
MPL #	Sampl ID	е	Sample Date	Time	Matrix	Type	#	Pres. Type	Detection Limit PPB	Analyses		11
					Water	Grab	1	5	See below	Ammonia Ni	trogen, Tota	l Phosphorus
					Water	Grab	1	3	10	Total Cyanic	de	
					Water	Grab	1	2	See below	13 PP Total	Metals, plus	Mo, Al
					Water	Grab	1	2	See below	245.1 Total	Hg	
Samp	led By: (S	Signati	ure)	Date	Time	e e		Receiv	ed By: (Sig	nature)	Date	Time
Relinq	uished B	y: (Sig	jnature)	Date	Time			Received By: (Signature)			Date	Time
Dispatched By: (Signature) Date				Date	Time			Receiv	ed For Labo	oratory By:	Date	Time
1.HCl 2.HNC 3.NaO	Н	5.H2 6.Filt 7. Re	ered frigerate		<ol> <li>Sample</li> <li>Custoe</li> <li>Proper</li> </ol>	E CONDIT les receive dy seal(s) r preserva	ed int intac ition?	t? YE	S/NO S/NO	PP M As 5 Cd 0	letals (PPI .5	Sb 60 Be 1
4.NaS	203	o Otr	ner:			ec'd w/sa erature Re			S/NO	Cr 10 Cu 10		TI 5 Fe 10

Method of Shipment:

UPS Fedex Hand Delivered

NOTES: SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY

Date of Shipment:

Cyanide 10 ppb Ammonia Nitrogen 1 mg/L Total Phosphorus 0.1 mg/L

AI 100

Ni 10

Se 5

Mo 10

Pb 3

Ag 1

Zn 20

Hg 0.2

Anal Phor Cont		TY:						Contact: Phone: 5	ormation: attsburgh W Janelle Hen 18-536-747 enryj@cityof	iry . 6		
	ect Location: C		-		ormal/Expe	edite	d	Sampler's	Sampler's Name:(Print)			
SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres.	Detection	Anglyses			
		Date	Time	Water	Grab	1	Type 1	Limit PPB 5 ng/L	Analyses Low Level M	lercury by Me	ethod 1631	-
				Water	Grab	1	1	5 ng/L	Low Level M			-
8	Hg 1631 Blank			Water	Blank	1	1	5 ng/L	Low Level M	lercury by Me	ethod 1631	
Sampled By: (Signature)  Relinquished By: (Signature)			Date	Time				ed By: (Sig		Date Date	Time Time	
Dispa	atched By: (Sign	nature)	Date	Time			Received For Laboratory By: Date Time				Time	
1.HC. 2.HN 3.Na0 4.Na0	O3 6.Fi DH 7. R S2O3 8 Of	<del></del>	1. Sampl 2. Custoo 3. Proper 4. COC r	es receive dy seal(s) preserva ec'd w/sar erature Re	ed int intac tion? mple:	t? YES YES s? YES	S/NO S/NO S/NO		ED DETEC	ITY 5 ng/L		
	od of Shipment Fedex Har	:: nd Delivere	ed	Date of S	hipment:_			_				

NOTES: SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY

Phone: Contact:  Project Location: City of Plattsburgh Septage Scan									Client Information: City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Email: henryj@cityofplattsburgh-ny.gov  Sampler's Name:  (Print)				
SMPL #	Sample ID	Sample Date	Time	Matrix Water	Type	# 2	Pres. Type	Detection Limit mg/L See below		Fe, Pb, Mg,	Sb, As, Ba, Be, B, Cd, Mn, Mo, Ni, Se, Na, 45.1)		
	oled By: (Signa		Date Date	Time	e			red By: (Sig	, ====================================	Date Date	Time —— Time		
Dispa	atched By: (Sig	nature)	Date	Time			Receiv	ived For Laboratory By: Date Time					
1.HC 2.HN 3.Na0 4.NaS Metho UPS	O3 6.Fi DH 7. F S2O3 8 O  od of Shipment Fedex Hai	nd Delivere	ed	1. Sampl 2. Custor 3. Proper 4. COC r 5 Temper Date of S	E CONDIT les receive dy seal(s) r preserva rec'd w/sai erature Re	ed int intac tion? mple: ceive	et? YE YE s? YE ed:	S/NO S/NO S/NO		letals (Mg .01 .015 .2 .1 .1 .2 .1	Sb 60 Be 1 TI 5 Fe 10 AI 100 Ni 0.2 Se 0.01 Mo 0.1 Ba 50 Mn 50 V 50		

SAMPLER'S NAME>>

CLIENT: CITY OF PLATTSBURGH-WPCP **CLIENT CONTACT: Janelle Henry CLIENT PHONE 518-536-7476** 

(PLEASE PRINT)

PROJECT LOCATION:>>\_\_CITY OF PLATTSBURGH

Lab. Services Contact: Brady Kalkman

PURCHASE	ORDER	#

TURNAROUND TIME REQUESTED: NORMAL

								Detection	
		Sample						Limit	ANALYSES
SMPL#	SAMPLEID	Date	Time	Matrix	Type	NOC	Pres.	PPB	
	TEST WELL#			WATER	GRAB	1	7	SeeBelow	TOC, Total Phenois
	TEST WELL#			WATER	GRAB	1	7	SeeBelow	TKN,COD,AMMONIA NITROGEN
	TEST WELL#			WATER	GRAB	1	10	SeeBelow	SM3500-Cr6+, 300.0-CL, NO3, SO4, TDS
	TEST WELL#			WATER	GRAB	1	10	SeeBelow	COLOR, TURBIDITY
	TEST WELL#			WATER	GRAB	1	3	SeeBelow	CYANIDE
	TEST WELL#			WATER	GRAB	1	10	SeeBelow	Alkalinity
	TEST WELL#			WATER	GRAB	1	2	SeeBelow	245.1 Mercury
	TEST WELL#			WATER	GRAB	1	2	SeeBelow	200.7 TOTAL SB,AS,BE,CD,CR,CU,PB,HG,NI,SE,AG TL, ZN, B,K,NA,FE,MN,MG,AL,CA,BA,HARDNESS
						-			
		U	1	1	1			- 4	

SAMPLED BY:(SIGNATURE)	Date	Time	RECEIVED BY:(SIGNATURE) DATE/TIME
RELINQUISHED BY:(SIGNATURE)			RECEIVED BY:(SIGNATURE)
DISPATCHED BY:(SIGNATURE)			RECEIVED FOR LABORATORY BY:
	<i></i>		J
PRESERVATIVES	SAMPLE CONDITION:		

#### **PRESERVATIVES**

1. HCL 6. ASCORBIC

2. HNO3 7. H2SO4

3. NAOH

8. FILTERED

4. NAS203 9. N (NOT PRESERVED) 10. OTHER\_ICED\_\_\_

5. ZN ACET

1. SAMPLES INTACT?

Yes/No

2.CUSTODY SEALS INTACT?Yes/No 3. PRESERVED PROPERLY? Yes/No

4. COC Received with Samples Yes/No

5. Temperature received:

METHOD OF SHIPMENT: UPS DATE:>>\_\_

NOTES/COMMENTS:

SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LAB

REPORT VALUES WITH THESE DETECTION LIMITS OR AS PER LATEST NYS360 REGS COCALS.XLS Revised 10/20/2021

For the above Analyses listing these are the

	DETECTION	LIMIT R	EQUIREMENTS: (IN PPB)
	Total Phenois	1 ppb	
	CR	10 (TOTA	AL AND CR+6) CYANIDE-TOTAL 10 PPB
	CU	10	
	PB	3	TOC < 1 MG/L
	SB	60	TURBIDITY < 1 NTU
	NI	30	COD < 10 MG/L
	FE	10	COLOR 5 UNITS
	TL	1	Ammonia Nitrogen 0.1 mg/l
	ZN	10	DISSOLVED SOLIDS 10 MG/L
	MN	10	CHLORIDE < 2 MG/L
Ш	BE	5	SULFATE < 10 MG/L
	HG	0.2	ALKALINITY(CACO3) < 2 MG/L
	AL	200	HARDNESS < 4 MG/L
- 1	В	500	Barium <0.01 mg/L
d	CA	2000	Mo <0.005 mg/L
- 11	MG	500	TKN 0.1 MG/L
	K		
	SE	5	
	AG	10	
	NA	200	



## **Table of Contents**

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Sample Summary	15
	16
Receipt Checklists	17

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#### **Definitions/Glossary**

#### Qualifiers

#### **General Chemistry**

Qualifier Qualifier Description

B Compound was found in the blank and sample

HF Field parameter with a holding time of 15 minutes, Test performed by laboratory at client's request.

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

#### Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery
CFL Contains Free Liquid

CFU Colony Forming Unit
CNF Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac Dilution Factor

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin)
LOD Limit of Detection (DoD/DOE)
LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"
MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit
ML Minimum Level (Dioxin)
MPN Most Probable Number
MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent
POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive
QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin)
TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

#### **Case Narrative**

Narrative

Job Narrative

#### Comments

No additional comments.

#### Receipt

The sample was received on 6/11/2021 10:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3° C.

#### GC/MS VOA

Method 8260C: Due to the coelution of , Ethyl Acetate with 2-Butanone (MEK) in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) associated with batch <Analytical Batch>. The following sample was affected: WS-6102021 (480-185939-1).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-585563 recovered above the upper control limit for cis-1,3-Dichloropropene, Trichlorofluoromethane. The sample associated with this CCV was non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: WS-6102021 (480-185939-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### **General Chemistry**

Methods 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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#### **Detection Summary**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	Method	Prep Type
Oil & Grease	3.3	JВ	5.1	1.4	mg/L	1	1664A	Total/NA
рН	7 03	HF	0.100	0.100	SU	1	9040C	Total/NA
Temperature	21.5	HF	0.00100	0.00100	Degrees C	1	9040C	Total/NA
Total Suspended Solids	10 0		4 0	4_0	mg/L	1	SM 2540D	Total/NA



#### Client Sample Results

#### Client Sample ID: '

Method: 8260C - Volatile Organic Compounds by GC/MS

Date Collected:

Date Received:

Lab Sample ID: 4

Matrix: Water

06/16/21 00:02

06/16/21 00:02

06/16/21 00:02

06/16/21 00:02

06/16/21 00:02

06/16/21 00:02

06/16/21 00:02

06/16/21 00:02

1

1

1

1

1

Analyte	Result Qualifier	RL	MDL Unit	D Pre	epared Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND	1:0	0.41 ug/L		06/16/21 00:0	2 1
1,2-Dichlorobenzene	ND	1 0	0.79 ug/L		06/16/21 00:0	2 1
1,3-Dichlorobenzene	ND	1:0	0.78 ug/L		06/16/21 00:0	2
1,4-Dichlorobenzene	ND	1.0	0.84 ug/L		06/16/21 00:0	2
1,2,3-Trichlorobenzene	ND	1,0	0.41 ug/L		06/16/21 00:0	2 1
Benzene	ND	1.0	0.41 ug/L		06/16/21 00:0	2 1
1,2,4-Trimethylbenzene	ND	1,0	0.75 ug/L		06/16/21 00:0	2 1
Chlorobenzene	ND	1.0	0.75 ug/L		06/16/21 00:0	2 1
Ethylbenzene	ND	1,0	0.74 ug/L		06/16/21 00:0	2 1
Isopropylbenzene	ND	1.0	0.79 ug/L		06/16/21 00:0	2 1
Methyl tert-butyl ether	ND	1,0	0.16 ug/L		06/16/21 00:0	2 1
1,3,5-Trimethylbenzene	ND	1.0	0.77 ug/L		06/16/21 00:0	2 1
Slyrene	ND	1.0	0.73 ug/L		06/16/21 00:0	2 1
Tetrachloroethene	ND	1,0	0.36 ug/L		06/16/21 00:0	2 1
Toluene	ND	1.0	0.51 ug/L		06/16/21 00:0	2 1
Trichloroethene	ND	1,0	0.46 ug/L		06/16/21 00:0	2 1
2-Chlorotoluene	ND	1.0	0.86 ug/L		06/16/21 00:0	2 1
4-Chlorotoluene	ND	1.0	0.84 ug/L		06/16/21 00:0	2 1
4-Isopropyltoluene	ND	1.0	0.31 ug/L		06/16/21 00:0	2
Bromobenzene	ND	1.0	0.80 ug/L		06/16/21 00:0	2 1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93	77 - 120	06/	16/21 00:02	1
4-Bromofluorobenzene (Surr)	85	73 - 120	06/	16/21 00:02	1
Dibromofluoromethane (Surr)	86	75 - 123	06/	16/21 00:02	1
Toluene-d8 (Surr)	94	80 - 120	06/	16/21 00:02	1

2.0

2.0

1.0

1.0

1:0

1.0

1.0

1.0

0.28 ug/L

0.66 ug/L

0.43 ug/L

0.64 ug/L

0.69 ug/L

0.76 ug/L

0.75 ug/L

0.81 ug/L

ND

ND

ND

ND

ND

ND

ND

ND

#### **General Chemistry**

Hexachlorobutadiene

m,p-Xylene

o-Xylene

Naphthalene

n-Butylbenzene

N-Propylbenzene

sec-Butylbenzene

tert-Butylbenzene

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	3.3	JB	5.1	1.4	mg/L		06/18/21 09:34	06/18/21 12:06	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
рН	7.03	HF	0.100	0,100	SU			06/15/21 12:46	1
Temperature	21.5	HF	0.00100	0 00100	Degrees C			06/15/21 12:46	1
Total Suspended Solids	10.0		4.0	4.0	mg/L			06/12/21 13:05	1

#### **Surrogate Summary**

#### Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Percent	Surrogate	Recovery	(Acceptance Limits)	

					-
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-185939-1	WS-6102021	93	85	86	94
LCS 480-585563/4	Lab Control Sample	91	89	87	95
MB 480-585563/6	Method Blank	87	81	83	89

#### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Prep Type: Total/NA

75

5

6

7

8

9

10

12

13

14

#### QC Sample Results

Client:

Project/Site:

Job 1D: 4

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID:

Matrix: Water Analysis Batch: Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Type: Total/NA

		1410	III D							
A	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1	,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/15/21 22:55	-1
1	,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/15/21 22:55	1
1	,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/15/21 22:55	1
1	,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/15/21 22:55	1
1	2,3-Trichlorobenzene	ND		1.0	0.41	ug/L			06/15/21 22:55	1
В	denzene	ND		1.0	0.41	ug/L			06/15/21 22:55	1
1	,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/15/21 22:55	1
C	Chlorobenzene	ND		1_0	0.75	ug/L			06/15/21 22:55	3
Е	thylbenzene	ND		1.0	0.74	ug/L			06/15/21 22:55	1
ls	sopropylbenzene	ND		1.0	0.79	ug/L			06/15/21 22:55	1
N	flethyl tert-bulyl ether	ND		1.0	0.16	ug/L			06/15/21 22:55	3
1	,3,5-Trimethylbenzene	ND		1_0	0.77	ug/L			06/15/21 22:55	81
S	tyrene	ND		1.0	0.73	ug/L			06/15/21 22:55	31
Te	etrachloroethene	ND		1.0	0.36	ug/L			06/15/21 22:55	- 1
T	oluene	ND		1.0	0.51	ug/L			06/15/21 22:55	- 1
Т	richloroethene	ND		1.0	0.46	ug/L			06/15/21 22:55	1
2	-Chlorotoluene	ND		1,0	0.86	ug/L			06/15/21 22:55	1
4	-Chlorotoluene	ND		1,0	0.84	ug/L			06/15/21 22:55	1
4	-Isopropyltoluene	ND		1,0	0.31	ug/L			06/15/21 22:55	73
В	romobenzene	ND		1,0	0.80	ug/L			06/15/21 22:55	ijt
Н	exachlorobutadiene	ND		2,0	0.28	ug/L			06/15/21 22:55	1
m	ı,p-Xylene	ND		2 0	0.66	ug/L			06/15/21 22:55	1
Ν	aphthalene	ND		1.0	0.43	ug/L			06/15/21 22:55	1
n-	-Butylbenzene	ND		1.0	0.64	ug/L			06/15/21 22:55	1
Ν	-Propylbenzene	ND		1,0	0.69	ug/L			06/15/21 22:55	1
0-	-Xylene	ND		1.0	0.76	ug/L			06/15/21 22:55	1
se	ec-Butylbenzene	ND		1.0	0.75	ug/L			06/15/21 22:55	31
te	rt-Butylbenzene	ND		1.0	0.81	ug/L			06/15/21 22:55	1
		MB	MB							

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		77 - 120		06/15/21 22:55	1
4-Bromofluorobenzene (Surr)	81		73 - 120		06/15/21 22:55	1
Dibromofluoromethane (Surr)	83		75 - 123		06/15/21 22:55	1
Toluene-d8 (Surr)	89		80 - 120		06/15/21 22:55	1

Lab Sample ID: Matrix: Water

Analysis Batch:

	Spike	LCS	LCS		%Rec.
Analyte	Added	Result	Qualifier Unit	D %Rec	Limits
1,2,4-Trichlorobenzene	25 0	22 2	ug/L	89	79 - 122
1,2-Dichlorobenzene	25.0	24.6	ug/L	98	80 - 124
1,3-Dichlorobenzene	25.0	26.0	ug/L	104	77 - 120
1,4-Dichlorobenzene	25.0	24.7	ug/L	99	80 - 120
1,2,3-Trichlorobenzene	25.0	21,2	ug/L	85	75 - 123
Benzene	25.0	26 1	ug/L	104	71 - 124
1,2,4-Trimethylbenzene	25 0	27 2	ug/L	109	76 _ 121
Chlorobenzene	25 0	25 9	ug/L	103	60 - 120

#### QC Sample Results

LCS LCS

Client:

Project/Site:

Job ID:

#### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: Matrix: Water Analysis Batch: .

Client Sample ID: Lab Control Sample

%Rec.

Prep Type: Total/NA

	Opike	LOG	LCG			Mec.	
Analyte	Added	Result	Qualifier Unit	D	%Rec	Limits	
Ethylbenzene	25.0	26.8	ug/L		107	77 - 123	
Isopropylbenzene	25 0	27_4	ug/L		110	77 - 122	
Methyl tert-butyl ether	25_0	22.3	ug/L		89	77 - 120	
1,3,5-Trimethylbenzene	25.0	27.8	ug/L		111	77 - 121	
Styrene	25.0	27 6	ug/L		110	80 - 120	
Tetrachloroethene	25 0	26 1	ug/L		104	74 - 122	
Toluene	25 0	27.4	ug/L		110	80 - 122	
Trichloroethene	25.0	26.8	ug/L		107	74 - 123	
2-Chlorotoluene	25 0	25.5	ug/L		102	76 - 121	
4-Chlorotoluene	25 0	28,3	ug/L		113	77 - 121	
4-Isopropyltoluene	25_0	27.0	ug/L		108	73 - 120	
Bromobenzene	25_0	25.6	ug/L		102	78 - 120	
Hexachlorobutadiene	25 0	22.8	ug/L		91	68 _ 131	
m,p-Xylene	25.0	27,5	ug/L		110	76 - 122	
Naphthalene	25_0	21.5	ug/L		86	66 - 125	
n-Butylbenzene	25 0	27.7	ug/L		111	71 - 128	
N-Propylbenzene	25.0	27_7	ug/L		111	75 - 127	
o-Xylene	25.0	26.2	ug/L		105	76 - 122	
sec-Butylbenzene	25.0	26.8	ug/L		107	74 - 127	
tert-Butylbenzene	25.0	25.4	ug/L		102	75 - 123	

Spike

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		77 - 120
4-Bromofluorobenzene (Surr)	89		73 _ 120
Dibromofluoromethane (Surr)	87		75 - 123
Toluene-d8 (Surr)	95		80 - 120

#### Method: 1664A - HEM and SGT-HEM

Lab Sample ID: Matrix: Water Analysis Batch:

RL

5.0

Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch:

мв мв Analyte Result Qualifier Oil & Grease 2 50 J

MDL Unit Prepared Dil Fac Analyzed 1:4 mg/L 06/18/21 09:34 06/18/21 12:06

Lab Sample ID: Matrix: Water Analysis Batch: Client Sample ID: Lab Control Sample Prep Type: Total/NA Prep Batch:

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits Oil & Grease 40.0 35.70 78 - 114 mg/L 89

#### QC Sample Results

Client:

Project/Site:

Job ID:

Method: 9040C - pH

Lab Sample ID:

Matrix: Water

Analyte

рΗ

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analysis Batch:

Spike

Added

7.00

LCS LCS

7 080

Result Qualifier Unit

SU

%Rec

%Rec.

Limits 99 - 101

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID:

Matrix: Water

Analysis Batch: (

Client Sample ID: Method Blank

Prep Type: Total/NA

MB MB

Total Suspended Solids

Result Qualifier ND

RL 1.0 RL Unit 1.0 mg/L

Prepared

101

Analyzed 06/12/21 13:05

Client Sample ID: Lab Control Sample

88 - 110

Dil Fac

Lab Sample ID:

Matrix: Water

Analysis Batch;

Total Suspended Solids

Spike Added

2770

LCS LCS

2751

Result Qualifier Unit

mg/L

%Rec

%Rec.

Prep Type: Total/NA

#### **QC Association Summary**

Client:

Project/Site:

#### GC/MS VOA

#### Analysis Batch:

Lab Sample ID 480-185939-1 MB 480-585563/6 LCS 480-585563/4 Client Sample ID WS-6102021 Method Blank Lab Control Sample Prep Type Total/NA Total/NA Total/NA

Matrix Water Water Water Method 8260C 8260C 8260C Job ID:

Prep Batch

6

#### **General Chemistry**

#### Analysis Batch:

Lab Sample ID 480-185939-1 MB 480-585132/1 LCS 480-585132/2 Client Sample ID WS-6102021 Method Blank Lab Control Sample Prep Type Total/NA Total/NA Total/NA

Matrix Water Water Water

SM 2540D SM 2540D SM 2540D

Method

Prep Batch

0

#### Analysis Batch:

Lab Sample ID 480-185939-1

LCS 480-585484/23

Client Sample ID WS-6102021 Lab Control Sample Prep Type Total/NA Total/NA Matrix Water Water Method 9040C 9040C Prep Batch

Prep Batch:

Lab Sample ID 480-185939-1 MB 480-586004/1-A LCS 480-586004/2-A

WS-6102021 Method Blank Lab Control Sample

Client Sample ID

Prep Type Total/NA Total/NA

Total/NA

Total/NA

Matrix Water Water Water Method 1664A 1664A

1664A

Prep Batch

112

#### Analysis Batch:

Lab Sample ID 480-185939-1

MB 480-586004/1-A LCS 480-586004/2-A Client Sample ID WS-6102021 Method Blank Lab Control Sample Prep Type Total/NA Total/NA

Matrix Water Water Water Method 1664A 1664A 1664A

Prep Batch 586004 586004 586004

#### Lab Chronicle

Client: i Project/Site: Job ID: ∠

#### Client Sample ID:

Date Collected:

Date Received: 1

_ab	Samp	ole ID:
-----	------	---------

Matrix: Water

	Batch	Batch	ı	Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	585563	06/16/21 00:02	AXK	TAL BUF
Total/NA	Prep	1664A			586004	06/18/21 09:34	KEB	TAL BUF
Total/NA	Analysis	1664A		1	586052	06/18/21 12:06	KEB	TAL BUF
Total/NA	Analysis	9040C		1	585484	06/15/21 12:46	JPS	TAL BUF
Total/NA	Analysis	SM 2540D		4	585132	06/12/21 13:05	CSS	TAL BUF

Laboratory References:

5

0

9

IV

12

13

14

#### **Accreditation/Certification Summary**

Client: 1

Project/Site:

Job ID:

#### Laboratory:

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below

Authority

Program

Identification Number

Expiration Date

New York

NELAP

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method

Prep Method

Matrix

Analyte

1664A 9040C 1664A

Water Water Oil & Grease pH

9040C

Water

Temperature

2

7

8

9

11

12

113

#### **Method Summary**

Client:

Project/Site:

Job ID:

Method

Method Description

8260C

Volatile Organic Compounds by GC/MS

Protocol SW846

Laboratory

1664A 9040C HEM and SGT-HEM

1664A SW846

Solids, Total Suspended (TSS)

SM

SM 2540D 1664A

HEM and SGT-HEM (SPE)

1664A

SW846

5030C

Purge and Trap

#### Protocol References:

1664A = EPA-821-98-002

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

#### Sample Summary

Client:

Project/Site:

Job ID:

Lab Sample ID

Client Sample ID

Matrix Water Collected

Received 06/10/21 11:20 06/11/21 10 00 Asset ID

# Chain of Custody Record

Final State   Fav. Int.   Fa		Regulatory Program:	n:   Dw   NPDES	☐ RCRA ☐ Other:		COO	
The Control of Contr		Email: S		I			_
Control   Cont		Tolker			ate:		_
Sample identification		_ 0/			arrier:	TALS Project #	~
Sample Identification  Sample Residuance  Sample Identification  Sample Residuance  Sample Residuance  Sample Identification  Sample Residuance  Sample Residuance  Sample Residuance  The Cockey Interview Control of Sample Residuance  Sample Residuance  Sample Residuance  The Cockey Interview Control of Sample Residuance  Sample Residuance  The Cockey Interview Control of Sample Residuance  Sample Residuance  The Cockey Interview Control of Sample Residuance  Sample Residuance  The Cockey Interview Control of Sample Residuance  Sample Residuance  The Cockey Interview Control of Sample Residuance  Sample Residuance  The Cockey Interview Company  Sample Disposal IA for may be assessed if sample Religious Control of Sample Disposal IA for may be assessed of Sample Religious Control of Sample Residuance  Sample Residuance  Sample Residuance  The Cockey Interview Company  Sample Disposal IA for may be assessed of Sample Religious Control of Sample Disposal IA for may be assessed of Sample Religious Control of Sample Religious Co		Luri	round Time	V		Sampler	-
Project Name   Park - NA	Fransough, Ivew Tork, 12901		WORKING DAYS			Total about	-
Sample identification  Sample dentification  Sample Sample identification  Sample Sample   Time   Cocker  Sample   Time   Time   Time   Cocker  Sample   Time		TAT if different from Bels		90 J		Walk-in Client	-
Sample Identification   Sample Identification   Sample   Sample   Crops   Sample Identification   Sa	U			400 944 928 7 X		Lab Sampling:	_
Sample   S	Site			Pod Pod SD (			-
Sample Identification  Sample   Sample   Cocons   Matrix   Cocons   Matrix   Cocons   Cocons	PO#	100°		(Met (Met 9 EP		Job / SDG No.:	-
Sample Identification  Sample Sample (access of the sample in the common section)    Pressible Marrix (access of the sample in the sample in the sample in the section in the base of the sample in the section in the s		Sar		/ W ess ocs W2			_
Sample Identification Date Time Groun Matrix Cont.	3 8	Sample	3	10 VIE 10 JE 10 JE 143		•	-
The control of the sample in the lab is to dispose of the sample in the company:  Control of the sample in the lab is to dispose of the sample in the lab is to dispose of the sample in the lab is to dispose of the sample.  Control of the lab is the	Sample Identification	Time	Matrix Cont	neq toT liO			-
Prostible Mazzel (Exceeding Sept.)  Are any samples from a listed EAP Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Sept. (Exceeding EAP Mazzel)  Special Instructions (OC Requirements & Comments:  Codition Sept. (Exceeding EAP Mazzel)  Company:  Reinquished by:  Company:  Reinquished by:  Company:  Reinquished by:  Company:  Company						Sample Specific Notes:	-
Possible Hazard Identification: Are any another Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to display so of the sample.  Classifications of Regular Comments: Special Instructions of Regular Comments: Special Instructions of Regular Comments: Comments Section if the lab is to display Seal No.: Comments Section if the lab is to display Seal No.: Comments Section if the lab is to display Seal No.: Comments: Comments: Comments: Comments: Commany: Refinquished by: Commany: Refinquished by: Commany: Com				×			-
The standard of the standard o			1.79				-
Possible Hazard Identification:    Possible Hazard Identification:   Company:   Posse List any EPA Waste Codes for the sample in the Company							_
Personal and Comments of the Late of the Sample in the Comments Section if the lab is to dispose of the sample.  Comments Section if the lab is to dispose of the sample.  Continuents Section if the lab is to dispose of the sample.  Coulstody Seals Intact:  Coulstody Seals Intact:  Countents:							_
The strict of the stand of the					3:		-
Positive Hazard Identification:   Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the   Control of the lab is to dispose of the sample.   Sample Disposal (A free may be assessed if sample Control of the lab is to dispose of the sample.   Sample Disposal (A free may be assessed if sample Control of Islamable   Special Instructions/GC Requirements & Comments:   Disposal No.:   Costody Seals Infact:   Ves   No.   Custody Seal No.:   Control of Costody Seals Infact:   Ves   No.   Company:   Com							_
Possible Hazard Identification:  Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if he lab is to dispose of the sample.  Special instructions/OC Requirements & Comments:  Custody Seals Inject:  Cumpany:  Company:  Company				+			
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Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.    Ample Disposal (A fee may be assessed if sample Comments Section if the lab is to dispose of the sample.   Sample Disposal (A fee may be assessed if sample Disposal in the Comments Section if the lab is to dispose of the sample.   Section if the lab is to dispose of the sample.   Section if the lab is to dispose of the sample.   Section if the lab is to dispose of the sample.   Sample Disposal (A fee may be assessed if sample Disposal in the conference of the sample Disposal in the conference of the sample.   Conference of the sample Disposal in the lab is to disposal in the conference of the sample of the sample.   Conference of the sample of the may be assessed if sample Disposal in the conference of the sample of the may be assessed if sample Disposal in the conference of the sample of the sample of the sample of the sample of the may be assessed if sample Disposal in the conference of the sample of the sampl							
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Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.    Ample Disposal (A fee may be assessed if sample and is a sample in the sample.   Ample Disposal (A fee may be assessed if sample Disposal Instructions)   American and Instructions   Ample Disposal   Ample Disposa							-
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.    All any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.   All any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.   All any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Cooley fem by Laboratory by:   Coult of the may be assessed if sample EPA Hazardous Please List any EPA Waste Codes for the sample in the Cooley fem by Laboratory by:   Company:   Comp							_
Possible Hazard Identification:  Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.  All hort-Hand Section if the lab is to dispose of the sample.  All hort-Hand Section if the lab is to dispose of the sample.  All hort-Hand Section if the lab is to dispose of the sample.  All hort-Hand Section if the lab is to dispose of the sample.  All hort-Hand Section if the lab is to dispose of the sample.  Special Instructions/OC Requirements & Comments:  Custody Seals Intact:  Custody Seals Intact:  Custody Seal No.:  Retinquished by:  Company:  Co	STATE OF THE PROPERTY OF THE P		SECURIOR SEC		The state of the s		-
Company: Negligible by the sample in the Special Instructions/OC Requirements & Command:    Non-Hand   Plantable   Skin Institute   Noison 8   Unknown   Return to Gent   Collegi Temp. (*C): Obs'd: Control   Collegi Temp. (*C): Obs'd: Control   Company:   Company:	Possible Hazard Identification: Are any samples from a listed EDA the			-	Ssessed if samples are refai	Pod Constant the Constant	
Special Instructions/QC Requirements & Comments:  Custody Seals Intact:  Relinquished by:  Relinquished by:  Relinquished by:  Company:	Comments Section if the lab is to dispose of the sample,	ase List any EPA Waste Cod	les for the sample in the				
Special Instructions/QC Requirements & Comments:  Custody Seals Intact:	Non-Hazard Flammable Skin Imfant		Unknown				_
Custody Seals Intact:       Image: No. Intercept of the control of the	Special Instructions/QC Requirements & Comments:					Months	_
Custody Seals Intact:       I ves       I ve       I ve       I ves       I ves<					五	00	-
Refinquished by: # A. Company: Date/Time: Received in Laboratory by: Company: Company: Date/Time: Received in Laboratory by: Company: Company: Date/Time: Received in Laboratory by: Company: Co	☐ Yes ☐	Custody Seal No		C C C C C C C C C C C C C C C C C C C		213	-
Refinquished by:  Company:  Company:  Date/Time:  Received in Laboratory by:  Company:  Company:	/	Company	D-1-0	dua l'aioc		Therm ID No.	-
Refinquished by: Company: Comp			r yare/lime	Receiped har	•	الاسوديدا	-
Refinquished by: Company: Date/Time: Received in Laboratory by: Company:		Ų.	Uate/Time:	Received by:	Company.	Date/Time	-
Company:		Company	- to C				-
			Date/ Illine.	Received in Laboratory by:	Company:	Date/Fime:	-
	*O2						_

#### Login Sample Receipt Checklist

Client: 1

Job Number:

Login Number: List Number: 1

Creator: 5

ordator.		
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.3 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	ē
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

### NON-COLLUSIVE BIDDING CERTIFICATION

STA	ATE OF)				
COU	) JNTY OF)	SS )			
		being first duly sworn, deposes			
and	says that:				
1.	He is of the bidder that has submitted the attached	d bid;			
2.	he is fully informed respecting the preparation and contents of the attached bid and of all pertinent circumstances respecting such bid;				
3.	such bid is genuine and is not a collusive	or sham bid;			
4.	employees or parties of interest, including conspired, connived or agreed, directly or to submit a collusive or sham bid in conne bid has been submitted or to refrain from lin any manner, directly or indirectly, sough or conference with any other bidder, firm,	indirectly, with any other bidder, firm or person ection with the Contract for which the attached bidding in connection with such Contract, or has not by agreement or collusion or communication or person to fix the price or prices in the ix any overhead, profit or cost element of the er, or to secure through any collusion, ment any advantage against the City of			
5.		ne City of Plattsburgh is directly or indirectly it related, or in any portion of the profits thereof;			
6.	any collusion, conspiracy, connivance or u	bid are fair and proper and are not tainted by unlawful agreement on the part of the bidder or , employees, or parties in interest, including this			
	SIGNED				
	TITLE				
Subs	scribed and Sworn to before me this				
Management	day of,				
	(NAME AND TITLE)				
Му С	Commission Expires,				