

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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CONTRACT NO. WRRF 2022-03

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 Any bid may be withdrawn prior to the advertised time for the opening of bids or authorized postponement thereof.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:

ITEM	DESCRIPT	ION	TOTAL COST
1.		y Services for the WRRF (Fron Appendix C, this form to be inc	
	TOTAL AM	OUNT FROM APPENDIX C	\$
TOTAL B	ID:		
		IN WORDS	
Addendu Addendu	m No. 2 Acknowledg m No. 3 Acknowledg	ement: ement: ement:	
ADDRES	S:		
SIGNATU	JRE PRINTED:		
AUTHOR	IZED SIGNATURE:	TIT	LE
CITY:		STATE:	
		FAX #:	
DATE:			
NAME OF		CT (PRINTED): EMAIL ADDR	ESS OF COMPANY
REQUIRE	ED ATTACHMENTS:	 Non-Collusive Certifica Appendix C - itemized f priced. 	

- 3. Additional required submittals as outlined in Item 18
- in the Technical Specifications.

TECHNICAL SPECIFICATIONS

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

Laboratory Services Contract #_WRRF 2022-03

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 <u>immediately</u> 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
- pql (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.

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
 - o Surrogates
 - MS/MSD
 - o 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.

APPENDIX A

APPENDIX A Acceptable Test Methods

tem#	PROJECT	Matrix	Item	Acceptable Method(s) - From 40 CFR Part 136
	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
7	SLUDGE	Sludge/Soil	Potassium	ICP, EPA METHOD 6010, 6010C
8	SLUDGE	Sludge/Soil	Arsenic	ICP, EPA METHOD 6010, 6010C
9	SLUDGE	Sludge/Soil	Molybdenum	ICP, EPA METHOD 6010
10	SLUDGE	Sludge/Soil	Selenium	ICP, EPA METHOD 6010, 6010C, EPA 7010
11	SLUDGE	Sludge/Soil	Mercury	SW-846 METHOD 7471, 7471B
12	SLUDGE	Sludge/Soil	PCBs (Need Low Detection Limit)	EPA 8082, 8082A
13	SLUDGE	Sludge/Soil	Cyanide (Sludge Only)	SW-846 METHOD 9012, 9012B
14	SLUDGE	Sludge/Soil	Nitrate	EPA 9056, 9056A, 9210, 9210A
15	SLUDGE	Sludge/Soil	Nitrite	EPA 9056, 9056A
16	SLUDGE	Sludge/Soil	Total Kjeldahl Nitrogen (TKN)	SM4500-N C, EPA351.1, EPA 351.2
17	SLUDGE	Sludge/Soil	Volatile Organic Compounds	EPA 8260 or 8260C, plus %SOLIDS ON COMPOSITE
18	SLUDGE	Sludge/Soil	Semivolatile Organic Compounds	EPA 8270 ACID EXTRACTABLES, 8270D ACID EXTRACTABLES
19	SLUDGE	Sludge/Soil	Semivolatile BASE NEUTRALS+BENZIDINE	EPA 8270, 8270D BASE NEUTRALS plus BENZIDINE
20	SLUDGE	Sludge/Soil	Pesticides/PCBs(Need Low Detection Limit)	PCB 8082/Pest 8081, 8082A
21	SLUDGE	Sludge/Soil	Total Phenols	EPA 9066
22	SLUDGE	Sludge/Soil	Full TCLP Analyses	See note below
23	SLUDGE	Sludge/Soil	Total Volatile Solids	SM2540G
24	SLUDGE	Sludge/Soil	Total Phosphorus	SM4500-P E, EPA 365.1, 365.2, 365.3
25	SLUDGE	Sludge/Soil	Ammonia Nitrogen as N	SM4500-NH3 G, EPA 350.1
26	SLUDGE	Sludge/Soil	рН	SW9045D
27	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
30	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
38	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
41	SPDES/IPP	Wastewater/Industrial WW	Low Level Mercury	EPA Method 1631
	SPDES/IPP	Wastewater/Industrial WW	Low Level Mercury - BLANK	EPA Method 1631
43	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	Groundwater	Sulfate	EPA 300.0, ASTM D516-90,02, SM4500SO4D
	ALT TWS	Groundwater	Alkalinity (AS CACO3)	SM 2320B / EPA 310.2
	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)
	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,	
	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

APPENDIX B

LEACHATE - Required Detection Limits

		Required DL
Itom #	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	0.01
6	Antimony	0.06
7	Arsenic	0.005
8	Barium	0.005
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	Mercury - Low Level Method 1631E	0.5 ng/L
28	Methyl Ethyl Ketone (2BUTANONE)	0.01
29	Methylene Chloride	0.001
30	Molybdenum	0.01
31	Naphthalene	0.005
32	Nickel	0.01
33	Nitrate	0.02
34	Nitrite	0.02
35	Pentachlorophenol	0.01
36	Phenol (4AAP)	0.01
37	Selenium	0.005
38	Silver	0.001
39	SODIUM	0.5
40	SULFATE	2
41	Thallium	0.005
42	Toluene	0.001
43	Trichloroethylene	0.001
44	Trichlorofluromethane	0.01
44	Vanadium	0.05
46	Zinc	0.03
40	OIL & GREASE	5
47	BOD	5
40	Total Suspended Solids	5
49 50	Total Solids	50
50	Total Phosphorus	0.1
51	PCB1016, PCB1221, PCB1232, PCB1242,	0.0001
52	PCB1248, PCB1254, PCB1260	0.0001
	1 001270, 1 001207, F 001200	1

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

APPENDIX C Pricing

ltem#	PROJECT	Matrix	Estimated Quantity	ltem	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		
5	SLUDGE	Sludge/Soil	12	Lead		
6	SLUDGE	Sludge/Soil	12	Zinc		
	SLUDGE	Sludge/Soil	12	Potassium		
	SLUDGE	Sludge/Soil	12	Arsenic		
	SLUDGE	Sludge/Soil	12	Molybdenum		
	SLUDGE	Sludge/Soil	12	Selenium		
	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	+	
	SLUDGE	Sludge/Soil	1	8270Semivolatile Base Neutrals + Benzidine		
	SLUDGE	Sludge/Soil	1	Pesticides/PCBs(Need Low Detection Limit)		
	SLUDGE	Sludge/Soil	1	Total Phenols	 	
	SLUDGE	Sludge/Soil	1	Full TCLP Analyses		
-	SLUDGE	Sludge/Soil	12	Total Volatile Solids		
24	SLUDGE	Sludge/Soil	12	Total Phosphorus		
25	SLUDGE	Sludge/Soil	12	Ammonia Nitrogen as N		
26	SLUDGE	Sludge/Soil	12	pH		
27	SLUDGE	Sludge/Soil	1	REACTIVE Cyanide		
28	SLUDGE	Sludge/Soil	1	REACTIVE Sulfide		
	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		
	SPDES/IPP	Wastewater/Industrial WW	4	EPA 625 Acid Extractables - 11 Compounds		
	SPDES/IPP	Wastewater/Industrial WW	6	624 Volatile Organic Compounds		
	SPDES/IPP	Wastewater/Industrial WW	4	624 - VOC - Transport Blank		
	SPDES/IPP	Wastewater/Industrial WW	4	EPA 608 Pesticides/PCBs - 25 Compounds		
	SPDES/IPP	Wastewater/Industrial WW	32	EPA Priority Pollutant Metals - 13 Metals		
	SPDES/IPP	Wastewater/Industrial WW	32	Total Molybdenum		
40	SPDES/IPP	Wastewater/Industrial WW	32	Total Cyanide		
41	SPDES/IPP	Wastewater/Industrial WW	16	Low Level Mercury		
	SPDES/IPP	Wastewater/Industrial WW	8	Low Level Mercury Blank		
43	SPDES/IPP	Wastewater/Industrial WW	12	Total Aluminum with Digestion		
44	ALT TWS	Groundwater	6	Nitrates	1	
	ALT TWS	Groundwater	6	Chemical Oxygen Demand (COD)		
	ALT TWS	Groundwater	6	Total Organic Carbon (TOC)	1	
	ALT TWS	Groundwater	6	TDS(@180C)	1	
	ALT TWS	Groundwater	6	Sulfate		
	ALT TWS	Groundwater	6	Alkalinity (AS CACO3)	+	
	ALT TWS	-	6	Chloride	+	
		Groundwater		Total Hardness (AS CACO3)		
	ALT TWS	Groundwater	6			
	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		
57	ALT TWS	Groundwater	6	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, TI, Zn		

APPENDIX C Pricing

Price Per Unit*	Total Price this Line*
, Sb,	
, 05,	
20	ove =

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

Bidding Lab Name = _____

Date:_____

APPENDIX D

Anal Phor Cont								Contact: Phone: 5	ormation: attsburgh Wi Janelle Hen 18-536-747(anryj@cityof)	ry 3	E.	
Proje	ect Location: C	ity of Platts	sburgh SI	udge - Ar	nnual							
Purc	hase Order #			TAT: N	ormal/Expe	dite	d	Sampler's	Name:	(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 (As, Cr, C Total Phosphore NO2, NO3, TKN Filter Test, Rea	us, Total PCB's I, Ammonia Nitr	, % solids, % vo ogen, Total Cya	latile solids, nide, Paint
	WPCP Sludge			Soil	Grab	1	7		рН			
-	quished By: (Si atched By: (Sigi		Date Date	Time Time				ed By: (Sig ed For Labo		Date Date	Time Time	
1.HC 2.HN 3.Na 4.Na Meth	O3 6.Fi	SAMPLE CONDITION 1. Samples received intact? YE 2. Custody seal(s) intact? YE 3. Proper preservation? YES 4. COC rec'd w/samples? YES 5 Temperature Received: Date of Shipment:				S/NO S/NO S/NO		<u>tals (PPM)</u> 5) 5	CTION LIN) (Mg/Kg D Ni 20 Se 1 Mo 10			
Repo	ES: D A COPY OF ort units in (mg/h is an expanded	kg dry weig	ght)			U <mark>R L</mark>	ABORA	TORY	Ammo Total	de 0.5 mg onia Nitrog	ien 100 m is 100 mg	

PCBs 1 mg/kg



<u>Client Information:</u> City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Email: <u>henryj@cityofplattsburgh-ny.gov</u>

Project Location: City of Plattsburgh Sludge - Annual 6C

Purchase Order # _____

TAT: Normal/Expedited

Sampler's Name

(Print)

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 PCBs)
	WPCP Sludge* Soil Comp 1* iced S	See below	Total Phenols						
	WPCP Sludge*			Soil	Comp	1*	iced	See below	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	

·		, <u> </u>		
Date	Time	Received By: (Signature)	Date	Time
Date	Time	Received 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

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:

Date of Shipment:

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 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 *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.

Cyanide 0.5 mg/kg

Phor	lytical Laborator	A.						Contact: Phone: 5	ormation attsburgh WPCP/WRRF Janelle Henry 18-536-7476 enryj@cityofplattsburgh-ny.gov
Proj€	ect Location: Ci	ity of Platt	sburgh S	ludge – A	nnual Vo	olatile	es		
	hase Order #			-				Sampler's	Name:(Print)
SMPL #	Sample ID WPCP Sludge* WPCP Sludge*	Sample Date	Time	Matrix Soil Soil	Type Grab Grab	# 2 1	Pres. Type DI H2O Methanol	Detection Limit PPB See below See below	Analyses EPA 8260 Volatile Solids EPA 8260 Volatile Solids
	WPCP Sludge*			Soil	Grab	1	lced	See below	% Solids Analysis
	pled By: (Signat		Date Date	Tim				ed By: (Sig ed By: (Sig	nature) Date Time
Disp -	atched By: (Sigr	nature)	Date	Time			Receiv	ed For Lab	oratory By: Date Time
PRESERVATIVES1.HCI5.H2SO42.HNO36.Filtered3.NaOH7. Refrigerated4.NaS2O38 Other:			3. Proper preservation? YES				S/NO S/NO S/NO S/NO	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	
Method of Shipment: UPS Fedex Hand Delivered NOTES:				Date of Shipment:				-	Toluene 0.2 mg/kg Bis-2(ethylhexyl)Phthalate 3.0 mg/kg Benzidine 3.0 mg/kg PCBs 0.08 mg/kg
Repo	D A COPY OF 1 ort units in (mg/k need as low dete	kg dry wei	ight) -all a	analyses			R LABORA	TORY	Cyanide 0.5 mg/kg

Anal Phor Cont		У: С						Contact: Phone: 5	ormation: attsburgh W Janelle Hen 18-536-747 nryj@cityof	ігу 6		
Proje	ect Location: Ci	ity of Platts	sburgh Si	udge - M	onthly							
Purc	hase Order #		-	TAT: Normal/Expedited				Sampler's Name:				
								Sampler's Name:(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 As, Cr, (Total Phosph	orus, Total PC	Ni, Pb, Se, Zn, Hg), B's, % solids, % vola monia Nitrogen	lile
	WPCP Sludge			Soil	Grab	1	7		pH		monia Milogen	
Relin	pled By: (Signat quished By: (Si atched By: (Sigr	gnature)	Date Date	Tim Time Time			Receiv	ed By: (Sign ed By: (Sign ed For Labo	nature)	Date Date Date	Time Time Time	_
1.HC 2.HN 3.Na	O3 6.Fil	SAMPLE CONDITION1. Samples received intact? YE32. Custody seal(s) intact? YE33. Proper preservation? YE34. COC rec'd w/samples? YE35 Temperature Received:				S/NO As 1.5 Ni 20 S/NO Cd 2 Se 1 S/NO Cr 5 Mo 10 Cu 25 Cu 25			(Mg/Kg Dry W Ni 20 Se 1	<u>t)</u>		
	Method of Shipment: UPS Fedex Hand Delivered				Shipment:_			-	Pb 2 Hg 0 Ag 25 Zn 20	.5 5		
NOTES: SEND A COPY OF THIS COC, COMPL Report units in (mg/Kg dry weight)				-ETED, BACK TO OUR LABORA				TORY	Ammo Total TKN	ide 0.5 mg/ onia Nitrog	en 100 mg/kg is 100 mg/kg	

Anal Phor Cont			oo, Staa					Contact: Phone: 5	ormation: attsburgh W Janelle Hen 18-536-7470 nryj@cityof	гу 6		
Proje	ect Location: Ci	ity of Platt	sburgh S	ludge - Q	uarterly							
Purc	hase Order #			TAT: Normal/Expedited				Sampler's Name:(Print)				
SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses			
	WPCP Sludge				Composite (5 day)	1	7	See below	Total As, Cr, Cd, Cu, K, Mo, Ni, Pb, Se, Zn, Total Phosphorus, Total PCB's, % solids, % solids, NO2, NO3, TKN, Ammonia Nitrogen, Cyanide, Paint Filter Test			itile
	WPCP Sludge			Soil	Grab	1	7		рН			
Relin	oled By: (Signal quished By: (Si atched By: (Sigr	Time Receive				ved By: (Signature) Date Time ved By: (Signature) Date Time ved For Laboratory By: Date Time				-		
1.HC 2.HN 3.Na(4.Na)	03 6.Fil DH 7. R	SAMPLE CONDITION1. Samples received intact? YES2. Custody seal(s) intact? YES3. Proper preservation? YES4. COC rec'd w/samples? YES5 Temperature Received:				S/NO As 1.5 Ni 20 S/NO Cd 2 Se 1 S/NO Cr 5 Mo 10 Cu 25 Pb 20			Ŋ			
	Fedex Han	ed	Date of Shipment:					Hg 0. Ag 25 Zn 20				
<u>NOTI</u> SENI Repo		ETED, BACK TO OUR LABORA				TORY	Ammo Total I TKN	de 0.5 mg/ onia Nitrog	en 100 mg/kg is 100 mg/kg			

Analytical	Labora	atory:		
	-			
Colonia II.			1/16-10	0. 白口 山
Phone:	والتغطي			
Contact:	te stitui	Sainmin		

<u>Client Information:</u> City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Email: <u>henryj@cityofplattsburgh-ny.gov</u>

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 ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses				
ľ		WPCP Influe			Water	Comp	1	2	See below		riority Pollu	tant Metals, Mo		
		WPCP Influe	nt		Water	Comp	1	2	0.2	Total Mercu				
Γ		WPCP Influe	nt		Water	Comp	1	3	10	PP Total Cy				
		WPCP Influe	nt		Water	Comp	1		See below	EPA 625 w/	EPA 625 w/Acid Extractables and Base Neutrals			
		WPCP Influe	nt		Water Comp 1 See below					EPA 608 Pesticides and PCBs				
		WPCP Influe	nt								for EPA 62	5/EPA 608	· · · · · · · · · · · · · · · · · · ·	
							1			-1				
	Samı	oled By: (Sig	gnature)	Date	Time))		Receiv	ed By: (Sigi	nature)	Date	Time		
	Relin	quished By:	(Signature)	Date	Time			Receiv	ed By: (Sigi	nature)	Date	Time		
Dispatched By: (Signature) Date Time Received For Lab									ed For Labo	oratory By:	Date	Time	;	
	1.HCl 2.HNo 3.Na0 4.Nas	03 6 0H 7 8203 8 od of Shipmo	5.H2SO4 6.Filtered 7. Refrigerate 9 Other: ent:		2. Custoc 3. Proper 4. COC rd 5 Tempe	es receive ly seal(s) preserva ec'd w/sa erature Re	ed int intac ition? mples eceive	ract? YES/NO F ct? YES/NO A YES/NO C s? YES/NO C ed: C			REQUIRED DETECTION LIMITS PP Metals (PPB) As 5 Sb 60 Cd 0.5 Be 5 Cr 10 TI 10 Cu 10 Fe 10 Pb 3 AI 100 Hg 0.2 Ni 10			
	UPS	Fedex H	land Deliver	ed	Date of S	hipment:				Ag 1 Zn 2		Se 5 Mo 5		
<u>NOTES:</u> 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										Total Naph Bis(2-	ide 10 ppl Phenolics thalene 5 -ethylhexy	s 1 ppb	ppb	

Analytical Laborat	огу:
	Commission of Grand
Phone:	-
Contact:	

<u>Client Information:</u> City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Email: <u>henryj@cityofplattsburgh-ny.gov</u>

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 Metal	s, 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	Comp	1		See below	EPA 625 w/Acid Extractables and Neutrals	Base	
	WPCP Effluent			Water	Comp	1		See below	EPA 608 Pesticides and PCBs		
	WPCP Effluent			Water	Comp	1			Spare bottle for EPA 625/EPA 60		
	WPCP Effluent	9		Water	Grab	1		See below	EPA 624 (1 set of 3 vials)		
	Blank			Water	Blank	1		See below	EPA 624 Transport Blank		
Relin	quished By: (S	Signature)	Date	Time	с. N		Receive	ed By: (Sigi	nature) Date Tim	e	
	atched By: (Sig		Date	Time SAMPL F		ION			Pratory By: Date Time		
1.HC	5.H	12SO4			es receive		act? YES	S/NO	PP Metals (PPB)	LIMITO	
2.HN		iltered			dy seal(s)				As 5 Sb 60		
B.Na		Refrigerated		3. Proper	preserva	tion?	YES	S/NO	Cd 0.5 Be 5		
f.INds	3203 80)ther:		4. COC r	ec'd w/sar erature Re	mples	5? YES	S/NO	Cr 10 TI 10 Cu 10 Fe 10		
				o rempe		CEIVE			Pb 3 AI 100		
	od of Shipmen								Hg 0.2 Ni 10	, 	
JPS	Fedex Ha	nd Delivere	ed	Date of S	hipment:_			-	Ag1 Se5		
									Zn 20 Mo 5		
	ES:		ETED, BA					<u>Other</u> Cyanide 10 ppb			

Analytica	Laboratory:
Carl In	
Statistics.	
Phone:	
Contact:	Carnely, Physics and

<u>Client Information:</u> City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Email: <u>henryj@cityofplattsburgh-ny.gov</u>

Project Location: City of Plattsburgh Influent - Quarterly

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.

5	SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres.	Detection	Analyses				
F	IT	WPCP Influen		Time	Water	Comp	1	Type 2	Limit PPB See below	Analyses	riority Pollut	ant Metals, Mo		
		WPCP Influen			Water	Comp	1	2	0.2	Total Mercu				
-		WPCP Influen	t		Water	Comp	1	3	10	PP Total Cy				
		WPCP Influen	t		Water	Comp	1		See below	EPA 625 w/ Base Neutrals				
		WPCP Influen			Water Comp 1 See below					Spare bottle for EPA 625				
1						- comp	+ -		000 00,017	opuro bottio				
-							-							
-														
	Samp	oled By: (Sigr	nature)	Date	Time	e		Receiv	ed By: (Sigi	nature)	Date	Time		
	Relin	quished By: ((Signature)	Date	Time			Receiv	ed By: (Sigi	nature)	Date	Time		
-										·				
	Dispa	tched By: (S	ignature)	՝ Date	Time			Receiv	ed For Labo	oratory By:	Date	Time		
	0056													
	1.HCl	SERVATIVES	2 H2SO4		SAMPLE CONDITION 1. Samples received intact? YES/NO					<u>PP Metals (PPB)</u>			TS	
			Filtered			dy seal(s)				<u>PP M</u> As 5		<u>B)</u> Sb 60		
			Refrigerated	d		r preserva				Cd 0		Be 5		
	4.Nas		Other:			ec'd w/sar				Cu 0 Cr 10		Бе 5 TI 10		
			<u> </u>			erature Re				Cu 10		Fe 10		
					e rempe		00110	····		Pb 3		Al 100		
	Metho	od of Shipme	nt:							Hg 0		Ni 10		
		Fedex H		ed	Date of Shipment:					Ag 1		Se 5		
						05				Zn 20		Mo 5		
	NOTE	:c.								011				
		A COPY OF		COMPL					TOBY	<u>Other</u>		_		
	Metho	d 625 Base	Neutrals - 4	7 Compo	unde Inde		UKL	ADUKA	I UK I		de 10 ppt			
	Method 625 Base Neutrals - 47 Compounds										Total Phenolics 1 ppb			

Naphthalene 5 ppb Bis(2-ethylhexyl) Phthalate 5ppb

Analytic	al Laboratory:	
5		
Phone:	Conservation in the	
Contact	Construction isola	

<u>Client Information</u>: City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Email: <u>henryj@cityofplattsburgh-ny.gov</u>

Project Location: City of Plattsburgh Effluent - Quarterly

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		iority Polluta	ant Metals, Mo, Al	
	WPCP Effluent			Water	Comp	1	2	0.2	Total Mercury			
	WPCP Effluent			Water	Comp	1	3	10	PP Total Cya	anide		
	WPCP Effluent			Water	Comp	1		See below	w EPA 625 w/ Base Neutrals			
	WPCP Effluent			Water Comp 1 See be					Spare bottle f	for EPA 625	i	
											the fall of the fall of the	
Sam	npled By: (Signa	iture)	Date	Time	8		Receiv	ed By: (Sig	nature)	Date	Time	
Reli	Relinquished By: (Signature) Date						Receiv	ed By: (Sig	nature)	Date	Time	_
Disp	atched By: (Sig		Time			Receiv	ed For Lab	aboratory By: Date Time				
1.H0 2.HN 3.Na	NO3 6.Fi NOH 7. R	lefrigerate		1. Sampl 2. Custo 3. Prope	E CONDIT les receive dy seal(s) r preserva	ed int intac tion?	t? YES YES	S/NO S/NO	<u>PP Me</u> As 5 Cd 0.	etals (PPE 5	Sb 60 Be 5	
4.Na	IS2O3 8 O	ther:			ec'd w/sa erature Re						TI 10 Fe 10	
	nod of Shipment Fedex Har	ed							2	Al 100 Ni 10 Se 5 Mo 5	ē	
<u>NOT</u> SEN Meth	<u>ES:</u> D A COPY OF ⁻ lod 625 Base No	THIS COC eutrals – 4	, COMPL 7 Compo	ETED, BA	CK TO O	UR L	ABORA	TORY		de 10 ppb Phenolics		

Naphthalene 5 ppb Bis(2-ethylhexyl) Phthalate 5ppb

Analytical	aboratory:	
A CONTRACTOR OF		
Sochunter		generation and a second
Phone: 🏉	SHE OF IS A DE LA DE	
Contact		

Client Information: City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Email: <u>henryj@cityofplattsburgh-ny.gov</u>

Project Location: City of Plattsburgh Influent - Monthly

Purchase Order # _____

TAT: Normal/Expedited

Sampler's Name:_____

(Print)

SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses				
	WPCP Influent			Water	Comp	1	2	See below	Total EPA Prior	ity Polluta	ant Metals, Mo		
	WPCP Influent			Water	Comp	1	2	See below	Total Mercury 2	45.1			
	WPCP Influent			Water	Comp	1	3	See below	PP Total Cyanic	de			
Samı	oled By: (Sign	ature)	Date	Time	e		Receiv	ed By: (Sigi	nature) Da	ate	Time		
Relin	Relinquished By: (Signature) Dat				Time			Received By: (Signature)			Time		
Dispa	Dispatched By: (Signature) Date			Time Received				ed For Labo	For Laboratory By: Date Time				
1.HCI 2.HN	D3 6.F DH 7.1	d	1. Sampl 2. Custor 3. Proper 4. COC r	dy seal(s) i preservat ec'd w/sar	ed inta intact tion? nples	tact? YES/NO <u>PP</u> ct? YES/NO As ? YES/NO Cd s? YES/NO Cr ed: Cu			REQUIRED DETECTION LIMITS PP Metals (PPB) As 5 Sb 60 Cd 0.5 Be 5 Cr 10 TI 10 Cu 10 Fe 10				
Metho UPS	od of Shipmer Fedex Ha	ed	Date of Shipment:					Pb 3 Hg 0.2 Ni 10 Se 5		AI 100			
NOTE SEND		THIS COC	, COMPL	-ETED, BACK TO OUR LABORATORY				TORY	Ag 1 Zn 20 Y Mo 5				

<u>Other</u> Cyanide 10 ppb

Analytical Laboratory: Phone: Contact: Contact:							<u>Client Information</u> : City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Email: <u>henryj@cityofplattsburgh-ny.gov</u>				
ect Location: Ci	ty of Plat	sburgh –	Effluent M	onthly							
								Sampler's Name: (Print) 15 of our Lab Services Contract with your			
Cample	Garanta						·				
ID Sample		Time	Matrix	Туре	#		Detection	Analyses			
WPCP Effluent			Water		1	2			P Metals. M	o. Al	
WPCP Effluent				Comp	1	2	See below	Total Mercury 245.1			
WPCP Effluent	1										
				P	<u> </u>			i i i i otali o ji			
Sampled By: (Signature) Date Relinquished By: (Signature) Date Dispatched By: (Signature) Date		Time Receiv			red By: (Signature) Date Time						
PRESERVATIVES 1.HCI 5.H2SO4 2.HNO3 6.Filtered 3.NaOH 7. Refrigerated 4.NaS2O3 8 Other: Method of Shipment: UPS UPS Fedex Hand Delivered NOTES: SEND A COPY OF THIS COC, COMPL			 Custody seal(s) intact? YES Proper preservation? YES COC rec'd w/samples? YES Temperature Received: Date of Shipment: 				S/NO S/NO S/NO	PP M As 5 Cd 0 Cr 10 Cu 10 Pb 3 Hg 0 Ni 10 Se 5 Ag 1 Zn 20	<u>etals (PPf</u> .5) .2)		ITS
	ne: tact: tact: tact: tact: tact: tact: tact: taction: Ci hase Order # <u>et 1 QA/QC is re- pany.</u> Sample ID WPCP Effluent WPCP Effluent WPCP Effluent WPCP Effluent WPCP Effluent Servatives tached By: (Signat SERVATIVES 1 5.H2 O3 6.Fil OH 7. R S2O3 8 Ot od of Shipment: Fedex Han ES:	ne:	ne: tact: ect Location: City of Plattsburgh – hase Order #	ne:	he:	he:	ne:	City of Plat he: Presting hase Order # TAT: Normal/Expedited Sampler's hase Order # TAT: Normal/Expedited Sampler's hase Order # TAT: Normal/Expedited Sampler's base Order # TAT: Normal/Expedited Sampler's base Order # Tat: Normal/Expedited Sampler's base Order # Time Matrix Type WPCP Effluent Water Comp 1 2 See below WPCP Effluent Water Comp 1 3 See below upled By: (Signature) Date Time Received By: (Signature) Received See below upled By: (Signature) Date Time Received For Labo setthed By: (Signature) Date Time </td <td>City of Plattsburgh W Perestate Sect Location: City of Plattsburgh – Effluent Monthly hase Order #</td> <td>City of Plattsburgh WPCPWRft Contact: Janelle Henry Phone: 518-538-7476 Email: henry@cityofplattsburgh Particle Sample TAT: Normal/Expedited Sample Sample Date Time WPCP Effluent Water Water Comp 1 2 See below Total EPA PP Metals, M WPCP Effluent Water Water Comp 1 2 See below Total EPA PP Metals, M WPCP Effluent Water Water Comp 1 3 See below Potal Cyanide See below Potal Cyani</td> <td>City of Plattsburgh WPCPWRRF Contact Janei Benny Phone: 518-536-7476 Email: henny(Rocityofplattsburgh-ny.gov ect Location: City of Plattsburgh – Effluent Monthly hase Order # TAT: Normal/Expedited Sample's Name:(Print) at 1 QA/QC is requested on this sample submission as per Item 15 of our Lab Services Contract with you pany. Sample Sample Time Matrix Type # Pres. Detection Analyses WPCP Effluent Water Comp 1 2 See below Total EPA PM tetals, Mo, Al WPCP Effluent Water Comp 1 2 See below Total EPA PM tetals, Mo, Al WPCP Effluent Water Comp 1 3 See below Total Cyanide pled By: (Signature) Date Time Received By: (Signature) Date Time rquished By: (Signature) Date Time Received By: (Signature) Date Time servatives SERVATIVES SAMPLE CONDITION 1 S 5.12SO4 1. Samples received intact? YES/NO C3 0. Filtered 2. Cacody seal(s) intact? YES/NO C3 0. Filtered C3 0. Filtered C4 0. Caced Waspingers? YES/NO C4 0.5 Be 5 S2O3 8 Other:4. Coc Cred Waspingers? SERVATIVES Fedex Hand Delivered Date of Shipment:N1</td>	City of Plattsburgh W Perestate Sect Location: City of Plattsburgh – Effluent Monthly hase Order #	City of Plattsburgh WPCPWRft Contact: Janelle Henry Phone: 518-538-7476 Email: henry@cityofplattsburgh Particle Sample TAT: Normal/Expedited Sample Sample Date Time WPCP Effluent Water Water Comp 1 2 See below Total EPA PP Metals, M WPCP Effluent Water Water Comp 1 2 See below Total EPA PP Metals, M WPCP Effluent Water Water Comp 1 3 See below Potal Cyanide See below Potal Cyani	City of Plattsburgh WPCPWRRF Contact Janei Benny Phone: 518-536-7476 Email: henny(Rocityofplattsburgh-ny.gov ect Location: City of Plattsburgh – Effluent Monthly hase Order # TAT: Normal/Expedited Sample's Name:(Print) at 1 QA/QC is requested on this sample submission as per Item 15 of our Lab Services Contract with you pany. Sample Sample Time Matrix Type # Pres. Detection Analyses WPCP Effluent Water Comp 1 2 See below Total EPA PM tetals, Mo, Al WPCP Effluent Water Comp 1 2 See below Total EPA PM tetals, Mo, Al WPCP Effluent Water Comp 1 3 See below Total Cyanide pled By: (Signature) Date Time Received By: (Signature) Date Time rquished By: (Signature) Date Time Received By: (Signature) Date Time servatives SERVATIVES SAMPLE CONDITION 1 S 5.12SO4 1. Samples received intact? YES/NO C3 0. Filtered 2. Cacody seal(s) intact? YES/NO C3 0. Filtered C3 0. Filtered C4 0. Caced Waspingers? YES/NO C4 0.5 Be 5 S2O3 8 Other:4. Coc Cred Waspingers? SERVATIVES Fedex Hand Delivered Date of Shipment:N1

Cyanide 10 ppb

Analytical La	boratory:		
CLO. Devicen			
THE LOTION		ding DUU. S	1
Sconeeper N	0: 1462.		
Phone: Set	200 5300	222	
Contact: Con	er Salkina		

<u>Client Information</u>: City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Email: <u>henryi@cityofplattsburgh-ny.gov</u>

Project Location: City of Plattsburgh - LLHG

Purchase Order # _____

TAT: Normal/Expedited

Sampler's Name:_____

(Print)

S	SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses		
		WPCP Influe	ent		Water	Grab	1	1	Per method	Low Level Mercury by Me	thod 1631	
		WPCP Efflue	ent					Low Level Mercury by Me	Low Level Mercury by Method 1631			
		Hg 1631 Bla	nk		Water	Water Blank 1		1	Per method	Low Level Mercury by Method 1631		
				_								
-							-					
						L						
	Samp	oled By: (Si	gnature)	Date	Time			Received By: (Sigi		nature) Date	Time	
· · · · · · · · · · · · · · · · · · ·					Time Received							
								Received By: (Signature) Date Time				
Relinquished By: (Signature) Date												
	Dispatched By: (Signature) Date						Received For Laboratory By: Date Time					
							Received for Laboratory by. Date Time					
4										·····		
PRESERVATIVES SAMPLE CON										REQUIRED DETECTION LIMITS		
1.HCI 5.H2SO4 2.HNO3 6.Filtered					1. Samples received intact? YES/NO2. Custody seal(s) intact? YES/NO3. Proper preservation? YES/NO				S/NO			
									S/NO	Low level mercury 0.5 ng/L		
3.NaOH 7. Refrigerated 4.NaS2O3 8 Other:												
4.140200 0 Olifer					4. COC rec'd w/samples? YES/NO 5 Temperature Received:							
Method of Shipment: UPS Fedex Hand Delivered					Date of Shipment:							
					Bate of onlyment.							
		.c.										

SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LABORATORY
Analytical L	aboratory:	
ALLE ENVIRON		
Phone:		
Contact:		

<u>Client Information:</u> City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Email: <u>henryj@cityofplattsburgh-ny.gov</u>

Project Location: City of Plattsburgh Pactiv - Annual

Purchase Order # _____

TAT: Normal/Expedited

Sampler's Name:_____

(Print)

Total Phosphorus 0.1 mg/L

S	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		
1		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		
	Samp	bled By: (Sig	gnature)	Date	Time)		Receiv	ed By: (Sig	nature) Date Time		
	Reline	quished By:	(Signature)	Date	Time Received By: (nature) Date Time		
-1	Dispa	tched By: (Signature)	Date	Time			Receiv	ed For Lab	oratory By: Date Time		
		ERVATIVE				CONDITI				REQUIRED DETECTION LIMITS		
	1.HCl 2.HN		5.H2SO4 6.Filtered			es receive				PP Metals (PPB)		
	3.Na0		7. Refrigerate	d		ly seal(s) i preservat			S/NO S/NO	As 5 Sb 60 Cd 0.5 Be 5		
	4.Nas		3 Other:			ec'd w/san				Cr 10 TI 10		
					5 Tempe	rature Re	ceive	ed:		Cu 10 Fe 10		
	Mothe	od of Shipm	ont							Pb 3 AI 100		
			Hand Deliver	ed	Date of S	hipment:				Hg 0.2 Ni 10 Ag 1 Se 5		
									_	Zn 20 Mo 5		
	Metho Metho	A COPY C od 608 – Pe od 625 Base	DF THIS COO or Arochlor Neutrais 4 Extractables	17 Compo	unds	СК ТО ОІ	JR L	ABORA		Other Cyanide 10 ppb Total Phenolics 1 ppb Naphthalene 5 ppb Bis(2-ethylhexyl) Phthalate 5ppb PCBs per arochlor 0.05 ppb PCBs per arochlor 0.05 ppb Ammonia Nitrogen 1.0 mg/L		

Ana	lytical	Labora	lory:

Phone: Contact:

<u>Client Information</u>: City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Email: <u>henryj@cityofplattsburgh-ny.gov</u>

Project Location: City of Plattsburgh GP - Annual

Purchase Order # _____

TAT: Normal/Expedited

Sampler's Name:

(Print)

	SMPL #	Sample ID	e Sample Date	Time	Matrix	Tune	1	Pres.	Detection					
	<u> </u>	GP	Date	111116	Water	Type Comp	#	Type 2	Limit PPB See below	Analyses	arity Dollut	ant Metals, Mo		
		GP			Water	Comp	1	2	0.2			ant metals, wo	an an A	
		GP			Water			3	10	Total Mercury				
		GP				Comp	_	3		PP Total Cyar				
-		GP			Water	Comp	1		See below		EPA 625 w/Acid Extractables and Base Neutrals			
-		GP								EPA 608 Pest				
					Water	1		Spare bottle fo						
ļ		GP			Water	Comp	1	5	See below	Ammonia Nitro	ogen, Tota	l Phosphorus		
	Samp	oled By: (Si	ignature)	Date	Time	9		Receiv	ed By: (Sig	nature) D	Date	Time		
	Relin	quished By	r: (Signature)	Date	Time			Receiv	ed By: (Sig	nature)	Date	Time		
-1	Dispa	tched By: ((Signature)	Date	Time			Receiv	ed For Labo	oratory By:	Date	Time		
	PRES	ERVATIV			SAMPLE		ION			REQUIRED DETECTION LIMITS				
	1.HCI		5.H2SO4		1. Sampl	es receive	ed int	act? YE	S/NO	PP Metals (PPB)				
	2.HN		6.Filtered 7. Refrigerated	4	2. Custor	dy seal(s)	intac	t? YES	S/NO	As 5 Sb 60				
	4.Na5	203	8 Other:			preserva ec'd w/sa	ition?		S/NO	Cd 0.5		Be 5		
			o o a lor		5 Tempe	erature Re	npies	vy. ≥t t⊂r	SANO	Cr 10 Cu 10		TI 10 Fe 10		
					e rempe					Pb 3		AI 100		
	Metho	d of Shipm	nent:							Hg 0.2		Ni 10		
	UPS	Fedex	Hand Delivere	ed	Date of S	hipment:				Ag 1		Se 5		
										Zn 20		Mo 5		
	Metho Metho	A COPY (d 608 – Pe d 625 Base	OF THIS COC er Arochlor e Neutrals – 4 I Extractables	7 Compo	unds	ск то о	UR L	ABORA	TORY	Total P Naphth Bis(2-et PCBs p Ammor	er aroch nia Nitrog	1 ppb	ррь	

Analytical Lal	poratory:		
MICE LINVIER			
		9 - 11 - 2	- <u></u>
Phone:	08-10126		
Contact:	I REALKING		

<u>Client Information:</u> City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Email: <u>henryj@cityofplattsburgh-ny.gov</u>

Project Location: City of Plattsburgh Pactiv - Quarterly

Purchase Order # _____

TAT: Normal/Expedited

Sampler's Name:____

(Print)

	SMPL #	Samp ID	le	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses				
		Pactiv				Water	Comp	1	2	See below		Priority Polluta	nt Metals, Mo		
		Pactiv				Water	Comp	1	2	0.2	Total Mercu	ry 245.1			
		Pactiv				Water	Comp	1	3	10	PP Total Cy	anide			
		Pactiv				Water	Comp	1		See below	EPA 625 Base Neutrals				
		Pactiv				Water	Comp	1			Spare bottle	Spare bottle for EPA 625			
		Pactiv				Water	Comp	1	5	See below	Ammonia Ni	itrogen, Total	Phosphorus		
		Pactiv				Water	Grab	1		See below	EPA 624 (1	set of 3 vials)			
		Blank				Water	Blank	1		See below	EPA 624 Tra	ansport Blank			
		oled By: (S	_		Date	Time)			ed By: (Sig		Date	Time		
	Relin	quished B	y: (Sigr	nature)	Date	Time			Receive	ed By: (Sigi	nature)	Date	Time 		
-1	Dispa	tched By:	(Signa	iture)	Date	Time			Receive	ed For Labo	oratory By:	Date	Time		
	PRES	ERVATI	/FS			SAMPLE	CONDIT				REOUR			Te	
	1.HCI		5.H2S	04			es receive		act? YES	S/NO	PP M	letals (PPB		13	
		D 3	6.Filte			2. Custor					As 5		Sb 60		
	3.Na0 4.Na5			rigerated		3. Proper					Cd 0		Be 5		
	4.INac	203	o Othe	ər:		4. COC re 5 Tempe	ecia wisar Insture Re	nples	S? YES	S/NO	Cr 10 Cu 10		TI 10 Fe 10		
						o rempe	aure ne	Ceive	u		Pb 3		AI 100		
		od of Ship									Hg 0		Ni 10		
	UPS	Fedex	Hand	Delivere	d	Date of S	hipment:_			_	Ag 1		Se 5		
											Zn 2	0	Mo 5		
	<u>NOTE</u> SENC		OF TH	lis coc	, COMPL	ETED, BA	ск то о	UR L	ABORA	TORY		ide 10 ppb			
	Metho	od 625 Ba	se Neu	trals – 4	7 Compo	unds				Tc	Naph Bis(2- bluene, TCE Amm	, Methylen onia Nitrog		ppb	

Analytica	al La	<u>borat</u>	ory:		
	Licenter de la competencia de	i di nasi			
		11.14		diniy di	
Phone:		86.			
Contact:		dirik.	i Rink		

<u>Client Information</u>: City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Email: <u>henryj@cityofplattsburgh-ny.gov</u>

Project Location: City of Plattsburgh GP - Quarterly

Purchase Order # _____

TAT: Normal/Expedited

Sampler's Name:

(Print)

1	SMPL	Samp	le Sample	1	1	1	1	Deen		r
	#	ID	Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses
L		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	Water Comp 1 5 See belo				Ammonia Nitrogen, Total Phosphorus	
-										
	Samp	bled By: (S	Signature)	Date	Time	ə 		Receiv	ed By: (Sig	nature) Date Time
Relinquished By: (Signature) Date					Time Received By					nature) Date Time
	Dispa	tched By:	(Signature)	Date	Time Received For La					oratory By: Date Time
	PRES 1.HCl 2.HN0 3.Na0 4.Na5	C3 DH	/ES 5.H2SO4 6.Filtered 7. Refrigerate 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:					REQUIRED DETECTION LIMITSPP Metals (PPB)As 5Sb 60Cd 0.5Cd 0.5Be 5Cr 10Cu 10Fe 10
	Metho UPS	od of Ship Fedex	ment: Hand Deliver	ed	Date of Shipment:					Pb 3 Al 100 Hg 0.2 Ni 10 Ag 1 Se 5 Zn 20 Mo 5
		A COPY	OF THIS COC se Neutrais – 4		LETED, BACK TO OUR LABORATORY					<u>Other</u> Cyanide 10 ppb Total Phenolics 1 ppb Naphthalene 5 ppb Bic(2-ethylbeyyl) Phtha(ato 5pph

Bis(2-ethylhexyl) Phthalate 5ppb Ammonia Nitrogen 1.0 mg/L Total Phosphorus 0.1 mg/L

Analytic	al Labo	ratory:		
(The line	vitor unit			
1865.46	(ierson	Rollin	ânij 200,	
diat her	er that	terms.		
Phone:	20.28	8-5300		
Contact		Kallina		

<u>Client Information</u>: City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Email: <u>henryj@cityofplattsburgh-ny.gov</u>

Project Location: City of Plattsburgh - LLHG

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	Grab	1	1	Per method	Low Level M	lercury by Me	ethod 1631		
	GP			Water	Grab	1	1	Per method	Low Level M	lercury by Me	ethod 1631		
	Hg 1631 Blan	k		Water	Water Blank 1 1 Per meth					Low Level Mercury by Method 1631			
										1			
Samp	pled By: (Sig	nature)	Date	Time	e		Receiv	ed By: (Sig	nature)	Date	Time		
Relinquished By: (Signature) Date				Time			Receiv	ed By: (Sig	gnature) Date Time				
Dispa	Dispatched By: (Signature) Date						Receiv	ed For Labo	oratory By:	Date	Time		
	±5												
	SERVATIVE								REQUIR	ED DETE	CTION LIMITS		
1.HC 2.HN 3.Na 4.Na	O3 6 DH 7	.H2SO4 .Filtered . Refrigerated Other:		 Samples received inta Custody seal(s) intac Proper preservation? COC rec'd w/samples Temperature Received 			t? YES YES	S/NO S/NO S/NO	Low le	evel mercı	iry 0.5 ng/L		
	od of Shipme	ent: land Delivere	لم										
053	Fedex F		u	Date of Shipment:									

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

Analytical Laboratory:

A TOTAL AND	
Phone:	50-6380
Contact:	y Kalifinang

<u>Client Information:</u> City of Plattsburgh WPCP/WRRF Contact: Janelle Henry Phone: 518-536-7476 Email: <u>henryj@cityofplattsburgh-ny.gov</u>

Project Location: City of Plattsburgh Primary Effluent

Purchase Order # _____

TAT: Normal/Expedited

Sampler's Name:___

(Print)

5	SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses		
		WPCP Primary Effluent		Water	Comp	1	2	See below	Total EPA Priority Pollu	utant Metals. Mo. Al		
F		WPCP Primary			10/04-0							
L		Effluent			Water	Comp	1	2	0.2	Total Mercury 245.1		
		WPCP Primary Effluent			Water	Comp	1	3	10	PP Total Cyanide		
		WPCP Primary Effluent			Water	Comp	1	5	See below	Ammonia Nitrogen, Total Phosphorus		
	Sam	oled By: (Signa	ature)	Date	Time))		Receiv	ed By: (Sig	nature) Date	Time	
	Relinquished By: (Signature) Date				Time			Receiv	Time			
4	Dispa	ntched By: (Sig	inature)	Date	Time			Receiv	ed For Lab	oratory By: Date	Time	
	PRES	SERVATIVES	12224							REQUIRED DET		
	2.HN		2SO4 iltered			es receive ly seal(s)				<u>PP Metals (PF</u> As 5	<u>2B)</u> Sb 60	
	3.Na	DH 7. F	Refrigerated	ł	3. Proper	preserva	tion?	YE	S/NO	Cd 0.5	Be 5	
	4.Nas	S2O3 8 C	ther:		4. COC r	ec'd w/sar	nples	s? YES	S/NO	Cr 10	TI 10	
				5 Tempe	erature Re	ceive	ed:		Cu 10	Fe 10		
	Moth	od of Shipmen							Pb 3	AI 100		
		Fedex Ha	h	Date of S	hinmont				Hg 0.2 Ag 1	Ni 10 Se 5		
	0.0	i ouox i la		, a		mpinein.			-	Zn 20	Se 5 Mo 5	
NOTES: SEND A COPY OF THIS COC, COMPL					LETED, BACK TO OUR LABORATORY				TORY	<u>Other</u> Cyanide 10 pp	b	

Cyanide 10 ppb Ammonia Nitrogen 1.0 mg/L Total Phosphorus 0.1 mg/L

Analytical Lab	oratory:	
Contrastor, HA		
Phone:	STILL FISHER	
Contact:	v Kalkming	

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
-		Duto	Time	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 Neutral
				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)
Samp	led By: (Signa	ature)	Date	Time	e		Receiv	ved By: (Sig	nature) Date Time
	quished By: (S tched By: (Sig		Date Date	Time Time		Ţ.		ved By: (Sig ved For Labo	
1.HCI 2.HNC 3.NaO 4.NaS	03 6.F 0H 7. F 2O3 8 C	2SO4 iltered Refrigerate ther:		SAMPLE 1. Sampl 2. Custod 3. Prope 4. COC r 5 Tempe	es receiv dy seal(s r preserv ec'd w/s	ved int) intac ation? amples	t? YE YE s? YE	S/NO S/NO S/NO	REQUIRED DETECTION LIMITSPP Metals (PPB)As 5Sb 60Cd 0.5Be 1Cr 10TI 5Cu 10Fe 10Pb 3Al 100
Method of Shipment: UPS Fedex Hand Delivered Da					Date of Shipment:				Hg 0.2 Ni 10 Ag 1 Se 5 Zn 20 Mo 10
	2								Toluene, TCE, Methylene Chloride 1 ppb

Analy Phone Conta								Contact: Phone: 5	ormation: attsburgh W Janelle Her 18-536-747 enryj@cityot	nry 76	
Projec	ct Location: C	City of Platt	sburgh Le	eachate - F	Fall						
Purch	ase Order # _		_	TAT: No	ormal/Expe	edite	d,	Sampler's	Name:		
						e.				(Print)	
SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses		
				Water	Grab	1	5	See below	Ammonia N	litrogen, Tota	al Phosphorus
				Water	Grab	1	3	10	Total Cyani	de	
		e		Water	Grab	1	2	See below	13 PP Total	Metals, plus	s Mo, Al
-	to Anna Carlos Com			Water	Grab	1	2	See below	245.1 Total	Hg	
Relinquished By: (Signature) Date			Date	Time			Receiv	Received By: (Signature) Date Time			
Dispat	tched By: (Sig	gnature)	Date	Time Rece				ed For Labo	oratory By:	Date	Time
PRESERVATIVES1.HCl5.H2SO42.HNO36.Filtered3.NaOH7. Refrigerated4.NaS2O38 Other:				SAMPLE CONDITION1. Samples received intact? YES2. Custody seal(s) intact? YES3. Proper preservation? YES4. COC rec'd w/samples? YES5 Temperature Received:				S/NO S/NO S/NO	<u>PP M</u> As 5 Cd 0 Cr 1 Cu 1 Pb 3	<u>/letals (PP</u> 5 0.5 0 0 3	Sb 60 Be 1 TI 5 Fe 10 Al 100
	d of Shipmen Fedex Ha		ed	Date of S	Shipment:_				Hg(Ag1 Zn2		Ni 10 Se 5 Mo 10
NOTES SEND A			PLETED, B	ACK TO OUF		ORY			Cvani	de 10 npb	

Ammonia Nitrogen 1 mg/L Total Phosphorus 0.1 mg/L

Phor	ytical Laborator							Contact: Phone: 5	ormation: attsburgh WPCP/WRRF Janelle Henry 18-536-7476 anryj@cityofplattsburgh-ny.gov
Proje	ect Location: Ci	ity of Platts	burgh –	LLHG					
Purchase Order #			-1	TAT: No	ormal/Expo	edited	d	Sampler's	Name:(Print)
SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit PPB	Analyses
				Water	Grab	1	1	5 ng/L	Low Level Mercury by Method 1631
				Water	Grab	1	1	5 ng/L	Low Level Mercury by Method 1631
8	Hg 1631 Blank			Water	Blank	1	1	5 ng/L	Low Level Mercury by Method 1631
	1								

Sampled By: (Signature)	Date	Time	Received	By: (Signatu	ıre) Date	Time
Relinquished By: (Signature)	Date	Time	- Received	By: (Signatu	ure) Date	e Time
Dispatched By: (Signature)	Date	Time	- Received	For Laborate	ory By: Date	e Time

PRESERVATIVES1.HCl5.H2SO42.HNO36.Filtered3.NaOH7. Refrigerated4.NaS2O38 Other:	SAMPLE CONDITION1. Samples received intact? YES/NO2. Custody seal(s) intact? YES/NO3. Proper preservation? YES/NO4. COC rec'd w/samples? YES/NO5 Temperature Received:	REQUIRED DETECTION LIMITS
Method of Shipment:		

UPS Fedex Hand Delivered

Date of Shipment:

NOTES:

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

Analyt Phone Conta	And the second sec	atory:	DI Sha					City of F Contact Phone:	formation: Plattsburgh W : Janelle Her 518-536-747 henryj@cityof	nry 6	
Projec	t Location	: City of Platt	sburgh S	eptage Sca	an		5				
Purcha	ase Order	#	_	TAT: No	ormal/Expe	dite	d	Sample	r's Name:		
										(Print)	
SMPL #	Sample ID	Sample Date	Time	Matrix	Туре	#	Pres. Type	Detection Limit mg/			
				Water	Grab	2	2	See below	23 PP Total	Fe, Pb, Mg,	Sb, As, Ba, Be, B, Cd, Mn, Mo, Ni, Se, Na, 45.1)
Sampled By: (Signature) Date Time Rec							Receiv	ed By: (S	ignature)	Date	Time
Relinq	uished By	: (Signature)	Date	Time			Receiv	ed By: (S	ignature)	Date	Time
Dispat	ched By: (Signature)	Date	Time Receiv				ed For La	aboratory By:	Date	Time
PRESERVATIVES1.HCI5.H2SO42.HNO36.Filtered3.NaOH7. Refrigerated4.NaS2O38 Other:				 Sampl Custor Proper COC r 	E CONDIT es receive dy seal(s) i preservat ec'd w/sar erature Re	d int intac tion? nple:	t? YES YES s? YES	S/NO S/NO S/NO		<u>letals (Mg</u>).01).015 .2).1	ECTION LIMITS /L) Sb 60 Be 1 TI 5 Fe 10 Al 100
Method of Shipment: UPS Fedex Hand Delivered NOTES: SEND A COPY OF THIS COC, COMPLETED, B/				Date of Shipment:					Hg 0 Ag 0 Zn 2 B 50 Mg 50 Co 50).2),1))	Ni 0.2 Se 0.01 Mo 0.1 Ba 50 Mn 50 V 50

To:	

فبصافات المتعلية عدومات ألجاه

		L.A.F.		
Phone	Allowed and the	April 1	EAY	

PROJECT LOCATION:>>__CITY OF PLATTSBURGH

PURCHASE ORDER #____

CHAIN OF CUSTODY RECORD

Detection

SAMPLER'S NAME>>____ CLIENT:CITY OF PLATTSBURGH-WPCP CLIENT CONTACT: Janelle Henry CLIENT PHONE 518-536-7476

(PLEASE PRINT)

Lab. Services Contact: Brady Kalkman

TURNAROUND TIME REQUESTED: NORMAL

								Detection			
		Sample						Limit	ANALYSES		
SMPL#	SAMPLEID	Date	Time	Matrix	Туре	NOC	Pres.	PPB			
	TEST WELL#			WATER	GRAB	1	7	SeeBelow	TOC, Total Phenols		
	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		
SAMPLED BY:(SIGNATURE)			Date T				Time		RECEIVED BY:(SIGNATURE) DATE/TIM		
			- I					_	1		
RELINQUISHED BY:(SIGNATURE)			a		29			75	RECEIVED BY:(SIGNATURE)		
SPATCHED	BY:(SIGNATURE)			0	/	-			RECEIVED FOR LABORATORY BY:		

PRESERVATIVES

 1. HCL
 6. ASCORBIC

 2. HNO3
 7. H2SO4

 3. NAOH
 8. FILTERED

 4. NAS203
 9. N (NOT PRESERVED)

 5. ZN ACET
 10. OTHER_ICED___

SAMPLE CONDITION: 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 REQUIREMENTS: (IN PPB)

Total Phenois	1 ppb			
CR	10 (TOT/	AL AND CR+6) (YANIDE-TOTAL	10 PPB
CU	10			
РВ	3	TOC	< 1 MG/L	
SB	60	TURBIDITY	< 1 NTU	
NI	30	COD	< 10 MG/L	
FE	10	COLOR	5 UNITS	÷
TL	1	Ammonia Ni	trogen 0.1 mg/l	
ZN	10	DISSOLVED	SOLIDS 10 MG/L	-
MN	10	CHLORIDE	< 2 MG/L	3
BE	5	SULFATE	< 10 MG/L	0
HG	0.2	ALKALINITY(CACO3) < 2 MG/L	
AL	200	HARDNESS	< 4 MG/L	
В	500	Barium <0.01 m	ig/L	
CA	2000	Mo <0,005 mg/l	-	
MG	500	TKN 0.1 MG/L		
K				
SE	5			
AG	10			
NA	200			

APPENDIX E

Table of Contents

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Definitions/Glossary

Qualifiers

General Chemistry									
Qualifier	Qualifier Description								
В	Compound was found in the blank and sample								
HF	Field parameter with a holding lime of 15 minutes. Test performed by laboratory at client's request.								
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value								

Glossary

olocouly	
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)
EÐL	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

Narrative

Job Narrative

4

5

6

8

9

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.

Detection Summary

	15
Analyte Result Qualifier RL MDL Unit Dil Fac D Me	ethod Prep Type
Oil & Grease 3.3 J B 5.1 1.4 mg/L 1 166	564A Total/NA
pH 7 03 HF 0.100 0.100 SU 1 904	040C Total/NA
Temperature 21.5 HF 0.00100 0.00100 Degrees C 1 904	040C Total/NA
Total Suspended Solids 10 0 4 0 4 0 mg/L 1 SM	M 2540D Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client Sample ID: '

Date Collected: Date Received:

Method: 8260C - Volatile Orga	nic Compounds	by GC/MS							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1_0	0.41	ug/L			06/16/21 00:02	1
1,2-Dichlorobenzene	NÐ		10	0.79	ug/L			06/16/21 00:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/16/21 00:02	<u>(</u> 1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/16/21 00:02	3
1,2,3-Trichlorobenzene	ND		1,0	0.41	ug/L			06/16/21 00:02	1
Benzene	ND		1,0	0.41	ug/L			06/16/21 00:02	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/16/21 00:02	1
Chlorobenzene	ND		1,0	0.75	ug/L			06/16/21 00:02	1
Ethylbenzene	ND		1,0	0.74	ug/L			06/16/21 00:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/16/21 00:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/16/21 00:02	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/16/21 00:02	1
Slyrene	ND		1.0	0.73	ug/L			06/16/21 00:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/16/21 00:02	1
Toluene	ND		1.0	0.51	ug/L			06/16/21 00:02	1
Trichloroethene	ND		1.0	0.46	ug/L			06/16/21 00:02	3
2-Chlorotoluene	ND		1.0	0.86	ug/L			06/16/21 00:02	1
4-Chlorotoluene	ND		1.0	0.84	ug/L			06/16/21 00:02	1
4-lsopropyltoluene	ND		1,0	0.31	ug/L			06/16/21 00:02	1
Bromobenzene	ND		1.0	0.80	ug/L			06/16/21 00:02	1
Hexachlorobutadiene	ND		2.0	0.28	ug/L			06/16/21 00:02	3
m,p-Xylene	ND		2,0	0.66	ug/L			06/16/21 00:02	1
Naphthalene	ND		1.0	0.43	ug/L			06/16/21 00:02	1
n-Butylbenzene	ND		1.0	0.64	ug/L			06/16/21 00:02	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/16/21 00:02	1
o-Xylene	ND		1.0	0.76	ug/L			06/16/21 00:02	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			06/16/21 00:02	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			06/16/21 00:02	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
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease		JB	5 1	1.4	mg/L		06/18/21 09:34	06/18/21 12:06	1
Analyte		Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
рН	7.03		0.100	0_100	SU	_		06/15/21 12:46	1
Temperature	21.5		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
· - · · · · · · · · · · · · · · · · · ·					5				

Matrix: Water

Lab Sample ID: /

Surrogate Summary

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

			Percent Surrog			ry (Acceptance Limit
		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				34		

DCA = 1,2-Dichloroethane-d4 (Surr) BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Prep Type: Total/NA

Client: Project/Site:

Lab Sample ID:

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

Matrix: Water								Prep Type:	Total/NA
Analysis Batch:								1 21	
-	MB	МВ					ũ.		
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
Benzene	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
Chlorobenzene	ND		1_0	0.75	ug/L			06/15/21 22:55	6
Ethylbenzene	ND		1_0	0.74	ug/L			06/15/21 22:55	3
Isopropylbenzene	ND		1.0	0.79	ug/L			06/15/21 22:55	9
Methyl tert-bulyl ether	ND		1.0	0.16	ug/L			06/15/21 22:55	a.
1,3,5-Trimethylbenzene	ND		1_0	0.77	ug/L			06/15/21 22:55	1
Styrene	ND		1.0	0.73	ug/L			06/15/21 22:55	3
Tetrachloroethene	ND		1.0	0.36	ug/L			06/15/21 22:55	3
Toluene	ND		1.0	0.51	ug/L			06/15/21 22:55	1
Trichloroethene	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	A
Bromobenzene	ND		1,0	0.80	ug/L			06/15/21 22:55)it
Hexachlorobutadiene	ND		2,0	0.28	ug/L			06/15/21 22:55	1
m,p-Xylene	ND		20	0.66	ug/L			06/15/21 22:55	1
Naphthalene	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
N-Propylbenzene	ND		1,0	0.69	ug/L			06/15/21 22:55	1
o-Xylene	ND		1,0	0.76	ug/L			06/15/21 22:55	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			06/15/21 22:55	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			06/15/21 22:55	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

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	
Dibromolluoromethane (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-Trimelhylbenzene	25 0	27 2	ug/L	109	76 - 121
Chlorobenzene	25 0	25 9	ug/L	103	60 - 120

Job 1D: 4

Client Sample ID: Method Blank

4 5 6

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Client: · · · A Project/Site:

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

Lab Sample ID: Matrix: Water Analysis Batch: .

-	Spike	LCS LCS				%Rec.
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 B	ug/L		107	74 - 127
tert-Butylbenzene	25 0	25.4	ug/L		102	75 - 123

	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:							Client Sa	ample ID: Metho Prep Type: 1 Prep Batch:	otal/NA
	MB	MB							
Analyte	Result	Qualifier	RL	MDL Unit	D	Pr	repared	Analyzed	Dil Fac
Oil & Grease	2 50	J	5.0	1:4 mg/L		06/11	8/21 09:34	06/18/21 12:06	1
Lab Sample ID:					c	Client	Sample I	ID: Lab Control	Sample
Matrix: Water								Prep Type: 1	otal/NA
Analysis Batch:								Prep Batch:	
		Spike	LCS	LCS				%Rec.	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Oil & Grease		40.0	35 70		mg/L 💿		89	78 - 114	

Client Sample ID: Lab Control Sample

Job ID:

QC Sample Results

Client: Project/Site:

Method: 9040C - pH

Lab Sample ID:							Clien	t Sample	ID: Lab Contro	ol Sample
Matrix: Water									Prep Type:	Total/NA
Analysis Batch:										
		Spike		LCS	LCS				%Rec.	
Analyte		Added		Result	Qualifier	Unit	D	%Rec	Limits	
рН		7.00		7 080		SU		101	99 - 101	
Method: SM 2540D - S	Solids, Total Suspe									
Lab Sample ID:								Client S	ample ID: Meth	od Blank
Matrix: Water									Prep Type:	Total/NA
Analysis Batch: (
-	MB	MB								
Analyte	Result	Qualifier	RL		RL Unit		DI	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1:0		1.0 mg/L				06/12/21 13:05	1
Lab Sample ID:							Clien	t Sample	ID: Lab Contro	Sample
Matrix: Water							onon	e oumpre	Prep Type:	
Analysis Batch:									ттер туре.	TOTAINA
Analysis Datch,	2	Colleg		1.09	LCS				%Rec.	
6 politio		Spike				11.34	-	0/17		
Analyte Total Suspended Solids		Added		2751	Qualifier	Unit	D	%Rec	Limits	
		2770				mall		00	88 110	

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Job ID: 👘

QC Association Summary

Client: Project/Site:

GC/MS VOA

Analysis Batch:

Amelyais Detals						
Analysis Batch:						14
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch	100
480-185939-1	WS-6102021	Total/NA	Water	8260C		5
MB 480-585563/6	Method Blank	Total/NA	Water	8260C		
LCS 480-585563/4	Lab Control Sample	Total/NA	Water	8260C		6
General Chemist	ry					1
						The last
Analysis Batch:						
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch	8
480-185939-1	WS-6102021	Total/NA	Water	SM 2540D		0
MB 480-585132/1	Method Blank	Total/NA	Water	SM 2540D		9
LCS 480-585132/2	Lab Control Sample	Total/NA	Water	SM 2540D		
Analysis Batch:						10
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch	223
480-185939-1	WS-6102021	Total/NA	Water	9040C		김모카
LCS 480-585484/23	Lab Control Sample	Total/NA	Water	9040C		12
Prep Batch:						14
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	13
480-185939-1	WS-6102021	Total/NA	Water	1664A	·	Conception of the local division of the loca
MB 480-586004/1-A	Method Blank	Total/NA	Water	1664A		14
LCS 480-586004/2-A	Lab Control Sample	Total/NA	Water	1664A		1/2/1006
Analysis Batch:						15
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch	
480-185939-1	WS-6102021	Total/NA	Water	1664A	586004	
MB 480-586004/1-A	Method Blank	Total/NA	Water	1664A	586004	
LCS 480-586004/2-A	Lab Control Sample	Total/NA	Water	1664A	586004	

Job ID

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3/4

Lab Chronicle

Client: i Project/Site:

Client Sample ID:

Date Collected: Date Received:

	Batch	Batch		Dilution	Batch	Prepared		
Ргер Туре	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:

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Job ID: 4

Lab Sample ID:

Accreditation/Certification Summary

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Temperature

Client: 1 Project/Site:

Laboratory:

9040C

9040C

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

Authority Program Identification Number Expiration Date New York NELAP Expiration Date Expiration Date				r Expiration Date
The following analytes are in the agency does not offer ca		but the laboratory is not cert	ified by the governing authority. This list	st may include analytes for which
Analysis Method 1664A	Prep Method 1664A	Matrix Water	Analyte Oil & Grease	

Water

Water

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5
6
7
8
9
10
11
12
13
14
(PPR)

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Job ID:

Method Summary

Client: Project/Site:

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	
1664A	HEM and SGT-HEM	1664A	
9040C	pH	SW846	
SM 2540D	Solids, Total Suspended (TSS)	SM	
1664A	HEM and SGT-HEM (SPE)	1664A	
5030C	Purge and Trap	SW846	

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

Collected

06/10/21 11:20 06/11/21 10 00

Received

Matrix

Water

Client: Project/Site:

Lab Sample ID

Client Sample ID

Asset ID

Chain of Custody Record

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	Regulatory Program:		CRA Other:			
	Project Manager: ;				COC No	-
	Email: S		Site Contact: I	Date:	1 of COCs	-
	Tel/Fax:1		Lab Contact:	Carrier		-
	Analysis Turna	is Turnaround Time			Port Tujeci +.	-
Plattsburgh, New York, 12901	CALENDAR DAYS	J WORKING DAYS	149:		Sampler	-
	TAT if different from Below	W STANDARD	i Je C		For Lab Use Only:	-
FAX - NA	2 weeks		1-00 1000 1500		Walk-in Client:	-
Project Name:	1 week		0753 10W 8 PC		Lab Sampling:	-
Site	2 days		acho Aq Aq			100
# O C			M / S (W) = etho		Job / SDG No	
Sample Identification	Sample Sample [3ar Date Time Ga	Sample Type (C=Comp, # of G=G⊂omp, Matrix Cont	Parton Sa Perton WS Potal VOCs Pil & Greas M Aga S2 M Aga H M Aga H			
	<u></u>				Sample Specific Notes:	
						-
			-			
			14	***		
	Stratify and survey	and the second se				
Possible Hazard Identification: Afe any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Commerts Section if the last is described.	ase List any EPA Waste Cod	es for the sample in the	100	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	red longer than 1 month)	
the Ign is In the Ign is In this pase of In						
Skin Imtant	Paison B	Unknown	Return to Client	Dismest hultab	Minister	
operativistic comments & comments:					2 2	
Custody Seals Intact: 🔲 Yes 🔲 No	Custody Seal No.:		Cooler Temp. (² C): Obs'd	s'd' Carrie	There in his	
Reinguished by:	Company	Qate/Time:	Receipted hur	-		
Relinquished by:	Cumpany:	IUate/Time:	Received by:	Company		
Relinquished by:	Commenter	ł	· (company.	Late/ me:	
	cumpany.	Date/Time:	Received in Laboratory by:	Company:	Date/Time:	
				Form No. C/	Form No. CA-C-WI-002, Rev. 4.33. dated 5/4/2020	

6/18/2021

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Login Sample Receipt Checklist

Client: '

Login Number:

List Number: 1 Creator: 3

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	
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	

Job Number:

1

NON-COLLUSIVE BIDDING CERTIFICATION

STATE OF _		
	,	SS
COUNTY OF)

_____, being first duly sworn, deposes

and says that:

- 1. He is ______ of _____ the bidder that has submitted the attached 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. neither the said bidder nor any of its officers, partners, owners, agents, representatives, employees or parties of interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, with any other bidder, firm or person to submit a collusive or sham bid in connection with the Contract for which the attached bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other bidder, firm, or person to fix the price or prices in the attached bid or of any other bidder, or to fix any overhead, profit or cost element of the bid price or the bid price of any other bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of Plattsburgh, or any person interested in the proposed Contract;
- 5. no official, officer, employee or agent of the City of Plattsburgh is directly or indirectly interested in the bid, or the work to which it related, or in any portion of the profits thereof; and,
- 6. the price or prices quoted in the attached bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

SIGNED	
TITLE	
Subscribed and Sworn to before me this	
day of	,
(NAME AND TITLE)	
My Commission Expires	