



National Defence

Défense nationale

National Defence Headquarters
Ottawa, Ontario
K1A 0K2

Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

REQUEST FOR PROPOSAL / DEMANDE DE PROPOSITION

RETURN BIDS TO / RETOURNER LES SOUMISSIONS À:

Director Services Contracting 3 (D Svcs C 3) /
Direction des contrats de service 3 (DC Svc 3)
Attention: Scott Serafin
By e-mail to / Par courriel :
Scott.serafin@forces.gc.ca

Proposal To: National Defence Canada

We hereby offer to sell to His Majesty the King in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods and services listed herein and on any attached sheets at the price(s) set out therefore.

Proposition à: Défense nationale Canada

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens et services énumérés ici et sur toute feuille ci-annexée, au(x) prix indique(s).

Comments – Commentaires

<p>Solicitation Closes / L'invitation prend fin:</p> <p>At / à:</p> <p>02:00 PM Daylight Savings Time (DST)</p> <p>On / le:</p> <p>3 October 2023</p>
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Title / Titre Environmental Testing Lab Services	Solicitation No. / N° de l'invitation W6369-23-A081
Date of Solicitation / Date de l'invitation 8 September 2023	
Address Enquiries to / Adresser toutes questions à: Scott.serafin@forces.gc.ca	
Telephone No. / N° de téléphone	FAX No. / N° de fax
Destination See Herein	

Instructions: Municipal taxes are not applicable. Unless otherwise specified herein all prices quoted must include all applicable Canadian customs duties, GST/HST, excise taxes and are to be delivered Delivery Duty Paid including all delivery charges to destination(s) as indicated. The amount of the Goods and Services Tax/Harmonized Sales Tax is to be shown as a separate item.

Instructions : Les taxes municipales ne s'appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d'accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.

Delivery Required / Livraison exigée See Herein	Delivery Offered / Livraison proposée
Vendor Name and Address / Raison sociale et adresse du fournisseur	
Name and title of person authorized to sign on behalf of vendor (type or print) / Nom et titre de la personne autorisée à signer au nom du fournisseur (caractère d'imprimerie)	
Name – Nom _____ Title – Titre _____	
Signature _____ Date _____	



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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

A. There is no security requirement associated with this bid solicitation.

1.2 Statement of Work

A. The Work to be performed is detailed under Article 6.2 of the resulting contract clauses.

1.3 Debriefings

A. Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.4 Trade Agreements

A. The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the Canada Korea Free Trade Agreement (CKFTA), Canada-Columbia Free Trade Agreement, Canada-Honduras Free Trade Agreement, Canada-Panama Free Trade Agreement, Canada-Peru Free Trade Agreement, Canada-Ukraine Free Trade Agreement, Canada-Chile Free Trade Agreement, Canada-United Kingdom Trade Continuity Agreement, Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP), the Canada-European Union Comprehensive Economic and Trade Agreement (CETA), and the Canadian Free Trade Agreement (CFTA).



PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

- A. All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the *Standard Acquisition Clauses and Conditions (SACC) Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.
- B. Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.
- C. The 2003 (2022-03-29), Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation, with the following modification(s):
- (i) Section 02, Procurement Business Number, is deleted in its entirety;
 - (ii) Section 05, Submission of bids, subsection 2, paragraph d., is deleted in its entirety and replaced with the following:
 - d. send its bid only to the Department of National Defence location specified on page 1 of the bid solicitation or to the address specified in the bid solicitation.
 - (iii) Section 05, Submission of bids, subsection 2, paragraph e., is deleted in its entirety and replaced with the following:
 - e. ensure that the Bidder's name, return address, the bid solicitation number, and bid solicitation closing date and time are clearly visible on the bid; and
 - (iv) Section 05, Submission of bids, subsection 4, is amended as follows:
 - Delete: 60 days
 - Insert: 120 days
 - (v) Section 06, Late bids, is deleted in its entirety;
 - (vi) Section 07, Delayed bids, is deleted in its entirety and replaced with the following:
 - 07 Delayed bids
 - 1. It is the Bidder's responsibility to ensure that the Contracting Authority has received the entire submission. Misrouting or other electronic delivery issues resulting in late submission of bids will not be accepted.
 - (vii) Section 08, Transmission by facsimile, is deleted in its entirety; and
 - (viii) Section 20, Further information, is deleted in its entirety.

2.2 Submission of Bids

- A. Bids must be submitted only to the Department of National Defence (DND) by the date, time, and place indicated on page 1 of the bid solicitation.



- B. Due to the nature of the bid solicitation, bids transmitted by facsimile will not be accepted.

2.2.1 Electronic Submissions

- A. **Individual e-mails that may include certain scripts, formats, embedded macros and/or links, or those that exceed five (5) megabytes may be rejected by Canada's e-mail system and/or firewall(s) without notice to the Bidder or Contracting Authority.** Larger bids may be submitted through more than one e-mail. Canada will confirm receipt of documents. It is the Bidder's responsibility to ensure that their entire submission has been received. Bidders should not assume that all documents have been received unless Canada confirms receipt of each document. In order to minimize the potential for technical issues, bidders are requested to allow sufficient time before the closing date and time to confirm receipt. Bid documents **submitted** after the closing time and date will not be accepted.

2.3 Former Public Servant

- A. Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPSs, bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

2.3.1 Definitions

- A. For the purposes of this clause, "former public servant" is any former member of a department as defined in the [Financial Administration Act](#), R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:
- a. An individual;
 - b. An individual who has incorporated;
 - c. A partnership made of former public servants; or
 - d. A sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.
- B. "Lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.
- C. "Pension" means a pension or annual allowance paid under the [Public Service Superannuation Act](#) (PSSA), R.S., 1985, c. P-36, and any increases paid pursuant to the [Supplementary Retirement Benefits Act](#), R.S., 1985, c. S-24 as it affects the PSSA. It does not include pensions payable pursuant to the [Canadian Forces Superannuation Act](#), R.S., 1985, c. C-17, the [Defence Services Pension Continuation Act](#), 1970, c. D-3, the [Royal Canadian Mounted Police Pension Continuation Act](#), 1970, c. R-10, and the [Royal Canadian Mounted Police Superannuation Act](#), R.S., 1985, c. R-11, the



[Members of Parliament Retiring Allowances Act](#), R.S. 1985, c. M-5, and that portion of pension payable to the [Canada Pension Plan Act](#), R.S., 1985, c. C-8.

2.3.2 Former Public Servant in Receipt of a Pension

- A. As per the above definitions, is the Bidder a FPS in receipt of a pension?
Yes () No ()
- B. If so, the Bidder must provide the following information, for all FPSs in receipt of a pension, as applicable:
 - (i) Name of former public servant; and
 - (ii) Date of termination of employment or retirement from the Public Service.
- C. By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with [Contracting Policy Notice: 2019-01](#) and the [Guidelines on the Proactive Disclosure of Contracts](#).

2.3.3 Work Force Adjustment Directive

- A. Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive?
Yes () No ()
- B. If so, the Bidder must provide the following information:
 - a. Name of former public servant;
 - b. Conditions of the lump sum payment incentive;
 - c. Date of termination of employment;
 - d. Amount of lump sum payment;
 - e. Rate of pay on which lump sum payment is based;
 - f. Period of lump sum payment including start date, end date and number of weeks; and
 - g. Number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

2.4 Enquiries - Bid Solicitation

- A. All enquiries must be submitted in writing to the Contracting Authority no later than 15 calendar days before the bid closing date. Enquiries received after that time may not be answered.
- B. Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will



be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

2.5 Applicable Laws

- A. Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.
- B. Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidders.

2.6 Bid Challenge and Recourse Mechanisms

- (a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.
- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
 - Office of the Procurement Ombudsman (OPO)
 - Canadian International Trade Tribunal (CITT)
- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.



PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

- A. Canada requests that Bidders provide their bid in separately bound sections as follows:
- Section I: Technical Bid: one (1) soft copy in PDF format by e-mail;
- Section II: Financial Bid: one (1) soft copy in PDF format by e-mail;
- Section III: Certifications: one (1) soft copy in PDF format by e-mail; and
- Section IV: Additional Information: one (1) soft copy in PDF format by e-mail.
- B. Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.
- C. Canada requests that Bidders follow the format instructions described below in the preparation of their bid:
- (i) Use 8.5 x 11 inch (216 mm x 279 mm) paper; and
 - (ii) Use a numbering system that corresponds to the bid solicitation.

3.2 Section I: Technical Bid

- A. In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

3.3 Section II: Financial Bid

- A. Bidders must submit their financial bid in accordance with the Pricing Schedule detailed in Attachment 1 to Part 3.

3.3.1 Electronic Payment of Invoices - Bid

- A. If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Attachment 2 to Part 3, Electronic Payment Instruments, to identify which ones are accepted.
- B. If Attachment 2 to Part 3, Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.
- C. Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.3.2 Exchange Rate Fluctuation

- A. The requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive.

3.4 Section III: Certifications

- A. Bidders must submit the certifications and additional information required under Part 5.



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3.5 Section IV: Additional Information

A. In Section IV of their bid, bidders should provide:

- (i) A completed, signed, and dated Page 1 of this solicitation;
- (ii) The name of the contact person (provide also this person's title, mailing address, phone number, and email address) authorized by the Bidder to enter into communications with Canada with regards to their bid, and any contract that may result from their bid;
- (iii) For Part 2, article 2.3, Former Public Servant, of the bid solicitation: the required answer to each question; and, if the answer is yes, the required information;
- (iv) For Part 2, article 2.5, Applicable Laws, of the bid solicitation: the province or territory if different than specified;
- (v) Any other information submitted in the bid not already detailed.



ATTACHMENT 1 TO PART 3 - PRICING SCHEDULE

- A. The Bidder must complete this pricing schedule and include it in its financial bid.
- B. The volumetric data included in this pricing schedule are provided for bid evaluated price determination purposes only. They are not to be considered as a contractual guarantee. Their inclusion in this pricing schedule does not represent a commitment by Canada that Canada's future usage of the services described in the bid solicitation will be consistent with this data.
- C. The firm rates specified below includes all expenses that may need to be incurred to satisfy the terms of any contract that may result from its bid, including the total estimated cost of any travel and living expenses that may need to be incurred for the Work described in Annex A, Statement of Work of the bid solicitation.
- D. Under any resulting contract, Canada will not accept travel and living expenses that may need to be incurred by the Contractor for any relocation of resources required to satisfy its contractual obligations.
- E. All prices and costs must be submitted in Canadian Dollars, Applicable Taxes excluded, FOB destination, freight charges included, Canadian customs duties and excise taxes included.
- F. All boxes in the pricing schedule below must be filled out. All lines items must have a financial bid. If the cost is \$0.00 then it must be entered into the pricing schedule. A pricing schedule with blank entries will not be considered compliant.
- G. A Microsoft Excel version of the Pricing Schedule is attached to the RFP. If there is any difference in the information in the Excel document and the pricing schedule below, the pricing schedule below takes precedence.

1. Pricing Schedule

Currency	Canadian Dollars - CAD
-----------------	------------------------

1.1 Period – Year 1

Item #	Requirement				Year 1 (Contract Award to 12 months later)					
	Analyte of Concern Air	Analytical Method Reference	Maximum Routine Annual Estimated Usage (A)	Maximum Urgent Annual Estimated Usage (B)	Media Preparation & Delivery Unit Price (C1)	Routine Analysis & Report Unit Price (D1)	Urgent Analysis & Report Unit Price (E1)	Media Preparation & delivery Total price F1 = A x C1	Routine Analysis & Report Total Price G1 = A x D1	Urgent Analysis & Report Total Price H1 = B x E1
(These lab tests must be capable of being done in compliance with both the Routine and Urgent timelines)										
1	Cresol(all isomers) and Phenol	NIOSH 2546 or OSHA 32	40	2						
2	Methylene Chloride	NIOSH 1005	20	1						
3	Methylene Chloride	OSHA 80	20	1						
4	Ketone - Single Ketone Test (Base Price)	NIOSH1300	50	3						
5	Particulate Mercury	OSHA ID-145	5	0						
6	Mercury Vapour	NIOSH 6009	5	0						



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7	Particulate not otherwise regulated - Respirable	NIOSH 0600	225	11						
8	Particulate not otherwise regulated - Total	NIOSH 0500	225	11						
9	Thorium & Uranium on filters	NIOSH 7300	14	1						
10	Silica, Crystalline – all types	NIOSH 7500	210	11						
11	Silica, Crystalline bulk – all types	NIOSH 7500	40	2						
12	VOCs individually qualified and quantified by open characterization	OSHA 7	350	18						
13	1,3-Butadiene	NIOSH 1024 or OSHA 56	4	0						
14	Sulfur Dioxide	NIOSH 6004	125	6						
15	Nitride Oxide and / or Nitrogen Dioxide	NIOSH 6014	125	6						
16	Elemental Carbon	NIOSH 5040	2	0						
17	Acetaldehyde (separate tubes)	OSHA 68 or EPA TO-11	6	0						
18	Formaldehyde (separate tubes)	OSHA 52	6	0						
19	Lead wipes	OSHA ID-125G	45	2						
20	Lead in Air	NIOSH 7300	70	4						
21	Beryllium(Be) Wipes	NIOSH 9100	90	5						
22	Particulate Matter (PM ₁₀ / PM _{2.5})	NIOSH 0600	300	15						
23	Lead and Copper in Air	NIOSH 7303 (Pb & Cu)	50	4						
24	Cyclonite (RDX) in Air	OSHA PV2135	25	3						
	Analyte of Concern Air	Analytical Method Reference								
25	PAH's /SVOCs	NIOSH 5506	260	17						
26	Metals – individual or scan	NIOSH 7300	60	3						
27	Asbestos bulk	NIOSH 9002 or EPA/600/R-93/116	25	1						
28	Total Fiber Analysis by PCM	NIOSH 7400	20	1						
29	Asbestos structures	D6480-05 (TEM)	150	0						
30	Asbestos Airborne by TEM	NIOSH 7402	90	6						
31	Asbestos Structures in DUST	ASTM D5755 in accordance with US EPA YAMATE level II or AHERA method	40	5						
32	Cyanide (Particulate phase)	NIOSH 7904	4	1						
33	Cyanide (Gaseous phase)	NIOSH 7904	4	1						
34	Nitroaromatic compounds	NIOSH 2005	4	1						
35	Total Hydrocarbon (reported as n-hexane)	NIOSH 1550	10	1						
36	Nitric Acid	NIOSH 7903	10	1						



37	Nitric oxide-NO	OSHA ID-190	10	1						
38	Nitrogen dioxide-NO2	OSHA ID-182	100	6						
39	Sulphur Dioxide-SO2	OSHA ID-200	100	6						
40	Aldehyde Scan - individually qualified and quantified	NIOSH 2539 or EPA-TO-11	2	0						
41	Hydrogen Sulfide-H2S	NIOSH 6013 or OSHA 1008	60	3						
42	Sulfuric Acid Mist	OSHA ID-113	60	3						
43	Vinyledene Chloride	NIOSH 1015	10	1						
44	Group A – Benzene, ethylbenzene, toluene, xylenes (BTEX)	NIOSH 1501 or OSHA 7	15	1						
45	NIOSH 1501, Group B – cumene, alpha-methylstyrene, styrene, p-tert-butyltoluene (also called 4-t-butyltoluene).	NIOSH 1501 or OSHA 7	10	1						
46	Naphtha (includes mixtures such as stoddard solvent, mineral spirits, kerosene, and total hydrocarbons).	NIOSH 1550	20	2						
47	Polychlorinated biphenyls (PCBs).	NIOSH 5503	2	0						
48	Organonitrogen pesticides	NIOSH 5601	5	0						
49	Isocyanates (monomers, such as MDI; HDI; 2,4-TDI; 2,6-TDI).	OSHA 42 or 47	20	1						
50	Isocyanates.	Iso-chek®	10	1						
51	Crushing of rock	CARB435	1	0						
52	Silica, bulk	Modified NIOSH 7500	5	0						
53	Dioxins and Furans	EPA TO-9 / EPA8290	115	6						
54	Mould-Viable	Genus/species Agar Method/	20	5						
55		Spore Trap	100	4						
56	Mould-Total	Genus-Spore Trap	150	20						
57	Endotoxins	Kinetic Chromogenic Method	2	0						
58	Hexavalent Chromium Cr(VI)	OSHA ID-215	25	5						
59	Metal Working Fluids	NIOSH 5524	20	5						
60	Diesel Particulate Matter	NIOSH 5040	20	5						
	Analyte of Concern Water	Analytical Method Reference								
61	PFA's	EPA 537.1/537 revised 1.1	10	1						
62	Color,,Apparent	APHA 2120	15	1						
63	Hardness (as CaCO3)	APHA 2340 B	15	1						
64	Total Dissolved Solids	APHA 2540C	15	1						
65	Bromate	EPA 6850	15	1						



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66	Chlorate	EPA 300.1 Ion Chromatography	15	1						
67	Chloride(Cl)	EPA 300.1 (mod)	15	1						
68	Chlorite	EPA 300.1 Ion Chromatography	15	1						
69	Fluoride (F)	EPA 300.1 (mod)	15	1						
70	Nitrate and Nitrite as N	APHA 4110B	15	1						
71	Nitrate (as N)	EPA 300.1 (mod)	15	1						
72	Nitrite (as N)	EPA300.1 (mod)	25	1						
73	Sulfate (SO4)	EPA 300.1 (mod)	15	1						
74	Sulphide (as S)	APHA 4500S2D	15	1						
75	Cyanide, Total	APHA 4500CN C E-Strong	15	1						
76		Acid Dist Colorim	15	1						
77	Chloramines	APHA 4500-Cl B	15	1						
78	Chlorine, Free	SM 4500-CL G, EPA 330.5	15	1						
79	Chlorine, Total	APHA 4500-CL G	15	1						
80	Aluminum (Al)	EPA 6020A	15	1						
81	Antimony (Sb)	EPA 6020A	15	1						
82	Arsenic (As)	EPA 6020A	15	1						
83	Barium (Ba)	EPA 6020A	15	1						
84	Beryllium (Be)	EPA 6020A	15	1						
85	Bismuth (Bi)	EPA6020A	15	1						
86	Boron (B)	EPA 6020A	15	1						
87	Cadmium (Cd)	EPA 6020A	15	1						
88	Calcium (Ca)	EPA 6020A	15	1						
89	Chromium (Cr)	EPA 6020A	15	1						
90	Cobalt (Co)	EPA 6020A	15	1						
91	Copper (Cu)	EPA 6020A	15	1						
92	Iron (Fe)	EPA 6020A	15	1						
93	Lead (Pb)	EPA 6020A	15	1						
94	Lithium (Li)	EPA 6020A	15	1						
95	Magnesium (Mg)	EPA 6020A	15	1						
96	Manganese (Mn)	EPA 6020A	15	1						
97	Mercury	EPA 1631E (mod)	15	1						
98	Molybdenum (Mo)	EPA 6020A	15	1						
99	Nickel (Ni)	EPA 6020 A	15	1						
100	Phosphorus (P)	EPA 6020A	15	1						
101	Potassium (K)	EPA 6020A	15	1						
102	Selenium (Se)	EPA 6020A	15	1						
103	Silicon (Si)	EPA 6020A	15	1						



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104	Silver (Ag)	EPA 6020A	15	1						
105	Sodium (Na)	EPA6020A	15	1						
106	Stronium (Sr)	EPA 6020A	15	1						
107	Thallium (Tl)	EPA 6020A	15	1						
108	Tin (Sn)	EPA 6020A	15	1						
109	Titanium (Ti)	EPA 6020A	15	1						
110	Tungsten (W)	EPA 6020A	15	1						
111	Uranium (U)	EPA 6020A	15	1						
112	Vanadium (V)	EPA 6020A	25	1						
113	Zinc (Zn)	EPA 6020A	15	1						
114	Zirconium (Zr)	EPA 6020A	15	1						
115	1,1-dichloroethylene (vinylidene Chloride)	SW846 8260	15	1						
116	1,2-Dichlorobenzene	SW846 8260	15	1						
117	1,2-dichloroethane	SW846 8260	15	1						
118	1,4 Dichlorobenzene	SW846 8260	15	1						
119	1,4-Difluorobenzene	SW846 8260	15	1						
120	4-Bromofluorobenzene	SW846 8260	15	1						
121	Benzene	SW846 8260	15	1						
122	Carbon tetrachloride	SW846 8260	15	1						
123	Monochlorobenzene	SW846 8260	15	1						
124	Dichloromethane	SW846 8260	15	1						
125	Tetrachloroethylene (perchloroethylene)	Sw845 8260	15	1						
126	Trichloroethylene	SW846 8260	15	1						
127	Vinyl chloride	SW845 8260	15	1						
128	Xylenes (Total)	Calculation	15	1						
129	Total water Trihalomethanes	Calculation	15	1						
130	2-Bromobutanoic Acid	EPA 552.3	15	1						
131	Bromochloroacetic Acid	EPA 552.3	15	1						
132	Bromodichloroacetic Acid	EPA 552.3	15	1						
133	Chlorodibromoacetic Acid	EPA 552.3	15	1						
134	Dalapon	EPA 552.3	15	1						
135	Dibromoacetic Acid	EPA 552.3	15	1						
136	Dichloroacetic Acid	EPA 552.3	15	1						
137	Total Haloacetic Acids 5	Calculation	15	1						
138	Bromoacetic Acid	EPA 552.3	15	1						
139	Chloroacetic Acid	EPA 552.3	15	1						
140	Tribromoacetic Acid	EPA 552.3	15	1						
141	Trichloroacetic Acid	EPA 552.3	15	1						
142	Formaldehyde	EPA 556.1	15	1						
143	N-Nitrosodimethylamine	MOE E3291	15	1						
144	N-Nitrosodimethylamine-	MOE E3291	15	1						



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	d6									
145	2,4,5-T	SW846 8270	15	1						
146	2,4,5,-TP	SW846 8270	15	1						
147	2,4-D	SW846 8270	15	1						
148	2,4-D	SW846 8270	15	1						
149	2,4-Dichlorophenylacetic Acid	SW846 8270	15	1						
150	Bromoxynil	SW846 8270	15	1						
151	Dicamba	SW846 8270	15	1						
152	Dinoseb	SW846 8270	15	1						
153	Glyphosate	MOE E3500	15	1						
154	MCPA	SW846 8270	15	1						
155	Mecoprop	SW846 8270	15	1						
156	Picloram	SW846 8270	15	1						
157	2,3,4,6-Tetrachlorophenol	SW846 8270	15	1						
158	2,4,6-Tribromophenol	Sw846 8270	15	1						
159	2,4,6-Trichlorophenol	SW846 8270	15	1						
160	2,4 Dichlorophenol	SW846 8270	15	1						
161	2-Fluorobiphenyl	SW846 8270	15	1						
162	Alachlor	SW846 8270	15	1						
163	Atrazine	SW846 8270	15	1						
164	Atrazine Desethyl	SW846 8270	15	1						
165	Atrazine & Metabolites	SW846 8270	15	1						
166	Azinphos-methyl	SW846 8270	15	1						
167	Benzo(a)pyrene	SW846 8270	15	1						
168	Carbaryl	SW846 8270	15	1						
169	Carbofuran	SW846 8270	15	1						
170	Chlorpyrifos	SW846 8270	15	1						
171	Diazinon	SW846 8270	15	1						
172	Diclofop-methyl	SW846 8270	15	1						
173	Dimethoate	SW846 8270	15	1						
174	Diquat	EPA 549.2 Modified	15	1						
175	Diuron	MOE PWAUH-E3436 (MOD)	15	1						
176	Malathion	SW845 8270	15	1						
177	Metolachlor	SW846 8270	15	1						
178	Metribuzin	SW846 8270	15	1						
179	Paraquat	EPA 549.2	15	1						
180	Pentachlorophenol	SW846 8270	15	1						
181	Phorate	SW846 8270	15	1						
182	Prometryne	SW846 8270	15	1						
183	Simazine	SW846 8270	15	1						



184	Terbufos	SW846 8270	15	1						
185	Triallate	SW846 8270	15	1						
186	Trifluralin	Sw846 8270	15	1						
187	Microcystin	ENVIROGIX QUANTIPLATE KIT	15	1						
188		CAT.EP022	15	1						
189	Nitrioltriactic Acid (NTA)	EPA 430.2	15	1						
190	Gross Alpha	EPA 900.0	15	1						
191	Gross Beta	EPA 900.0	15	1						
192	PFAS (USEPA)	EPA 533	15	1						
193	PFAS (USEPA)	EPA 537.1	15	1						
194	MTBE	EPA 8240B/60B	15	1						
195	Ethylbenzene	502-2	15	1						
196	Toluene	EPA 502.2	15	1						
	Analyte of Concern Soil	Analytical Method Reference								
197	Antimony (Sb)	EPA 200.2.6020A (mod)	20	1						
198	Arsenic (As)	EPA 200.2.6020A (mod)	20	1						
199	Barium (Ba)	EPA 200.2.6020A (mod)	20	1						
200	Beryllium (Be)	EPA 200.2.6020A (mod)	20	1						
201	Boron (B)	EPA 200.2.6020A (mod)	20	1						
202	Cadmium (Cd)	EPA 200.2.6020A (mod)	20	1						
203	Chromium (Cr0)	EPA 200.2.6020A (mod)	20	1						
204	Cobalt (Co)	EPA 200.2.6020A (mod)	20	1						
205	Copper (Cu)	EPA 200.2.6020A (mod)	20	1						
206	Lead (Pb)	EPA 200.2.6020A (mod)	20	1						
207	Molybdenum (Mo)	EPA 200.2.6020A (mod)	20	1						
208	Nickel (Ni)	EPA 200.2.6020A (mod)	20	1						



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209	Selenium (Se)	EPA 200.2.6020A (mod)	20	1						
210	Silver (Ag)	EPA 200.2.6020A (mod)	20	1						
211	Thalium (Tl)	EPA 200.2.6020A (mod)	20	1						
212	Uranium (U)	EPA 200.2.6020A (mod)	20	1						
213	Vanadium (V)	EPA 200.2.6020A (mod)	20	1						
214	Zinc (Zn)	EPA 200.2.6020A (mod)	20	1						
215	1,1,1,2-Tetrachloroethane	SW846 8260 (511)	20	1						
216	1,1,1-Trichloroethane	SW846 8260 (511)	20	1						
217	1,1,2,2-Tetrachloroethane	SW846 8260 (511)	20	1						
218	1,1,2-Trichloroethane	SW846 8260 (511)	20	1						
219	1,1-Dichloroethane	SW846 8260 (511)	20	1						
220	1,1-Dichloroethylene	SW846 8260 (511)	20	1						
221	1,2-Dichlorobenzene	SW846 8260 (511)	20	1						
222	1,2-Dichloroethane	SW846 8260 (511)	20	1						
223	1,2-Dichloropropane	SW846 8260 (511)	20	1						
224	1,3-Dichlorobenzene	SW846 8260 (511)	20	1						
225	1,3-Dichloropropene (cis & Trans)	SW8260B/SW8 270C	20	1						
226	1,4-Dichlorobenzene	SW846 8260 (511)	20	1						
227	1,4-Difluorobenzene	SW846 8260 (511)	20	1						
228	4-Bromofluotobenzene	SW846 8260 (511)	20	1						
229	Acetone	SW846 8260 (511)	20	1						
230	Benzene	SW846 8260 (511)	20	1						
231	Bromodichloromethane	SW846 8260 (511)	20	1						
232	Bromoform	SW846 8260 (511)	20	1						
233	Bromomethane	SW846 8260 (511)	20	1						
234	Carbom tetrachloride	SW846 8260 (511)	20	1						
235	Chlorobenzene	SW846 8260 (511)	20	1						



236	Dibromochloromethane	SW846 8260 (511)	20	1						
237	Chloroform	SW846 8260 (511)	20	1						
238	Cis-1,2-Dichloroethylene	SW846 8260 (511)	20	1						
239	Cis-1,3-Dichloropropene	SW846 8260 (511)	20	1						
240	Dichlorodifluoromethane	SW846 8260 (511)	20	1						
241	Ethylbenzene	SW846 8260 (511)	20	1						
242	1,2-Dibromoethane	SW846 8260 (511)	20	1						
243	m+p-Xylenes	SW846 8260 (511)	20	1						
244	Methyl Ethyl Ketone	SW846 8260 (511)	20	1						
245	Methyl Isobutyl Ketone	SW846 8260 (511)	20	1						
246	MTBE	SW846 8260 (511)	20	1						
247	Methylene Chloride	SW846 8260 (511)	20	1						
248	n-Hexane	SW846 8260 (511)	20	1						
249	o-Xylene	SW846 8260 (511)	20	1						
250	Styrene	SW846 8260 (511)	20	1						
251	Tetrachloroethylene	SW846 8260 (511)	20	1						
252	Toluene	SW846 8260 (511)	20	1						
253	Trans-1,2-Dichloroethylene	SW846 8260 (511)	20	1						
254	Trans-1,3-Dichloropropene	SW846 8260 (511)	20	1						
255	Trichloroethylene	SW846 8260 (511)	20	1						
256	Trichlorofluoromethane	SW846 8260 (511)	20	1						
257	Vinyl chloride	SW846 8260 (511)	20	1						
258	Xylenes (Total)	CALCULATION	20	1						
259	1-Methylnaphthalene	SW846 3510/8270	20	1						
260	Fluorobiphenyl	SW846 3510/8270	20	1						
261	2-Methylnaphthalene	SW846 3510/8270	20	1						
262	Acenaphthalene	SW846 3510/8270	20	1						
263	d-10-Acenaphthylene	SW846 3510/8270	20	1						
264	Acenaphthene	SW846 3510/8270	20	1						
265	Anthracene	SW846 3510/8270	20	1						



266	Benzo(a)anthracene	SW846 3510/8270	20	1						
267	Benzo(a)pyrene	SW846 3510/8270	20	1						
268	Benzo(b)fluoranthene	SW846 3510/8270	20	1						
269	Benzo(g,h,i)perylene	SW846 3510/8270	20	1						
270	Benzo(k)fluoranthene	SW846 3510/8270	20	1						
271	Chrysene	SW846 3510/8270	20	1						
272	D12-Chrysene	SW846 3510/8270	20	1						
273	Dibenzo(ah)anthracene	SW846 3510/8270	20	1						
274	Fluoranthene	SW846 3510/8270	20	1						
275	Fluorene	SW846 3510/8270	20	1						
276	Indeno(1,2,3-cd)pyrene	SW846 3510/8270	20	1						
277	Napthalene	SW846 3510/8270	20	1						
278	D8-Napthalene	SW846 3510/8270	20	1						
279	p-Terphenyl d14	SW846 3510/8270	20	1						
280	Phenanthrene	SW846 3510/8270	20	1						
281	D10-Phenanthrene	SW846 3510/8270	20	1						
282	Pyrene	SW846 3510/8270	20	1						
283	Total THMs	CALCULATION	20	1						
								Grand Total AA1:	Grand Total AA2:	Grand total AA3:
								\$	\$	\$

1.2 Period – Year 2

Item #	Analyte of Concern Air	Requirement			Year 2 (12 months)					
		Analytical Method Reference	Maximum Routine Annual Estimated Usage (A)	Maximum Urgent Annual Estimated Usage (B)	Media Preparation & Delivery Unit Price (C2)	Routine Analysis & Report Unit Price (D2)	Urgent Analysis & Report Unit Price (E2)	Media Preparation & delivery Total price F2 = A x C2	Routine Analysis & Report Total Price G2 = A x D2	Urgent Analysis & Report Total Price H2 = B x E2
(These lab test must be capable of being done in compliance with both the Routine and Urgent timelines)										
1	Cresol(all isomers) and Phenol	NIOSH 2546 or OSHA 32	40	2						
2	Methylene Chloride	NIOSH 1005	20	1						
3	Methylene Chloride	OSHA 80	20	1						
4	Ketone - Single Ketone Test (Base Price)	NIOSH1300	50	3						
5	Particulate Mercury	OSHA ID-145	5	0						
6	Mercury Vapour	NIOSH 6009	5	0						
7	Particulate not otherwise regulated - Respirable	NIOSH 0600	225	11						



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8	Particulate not otherwise regulated - Total	NIOSH 0500	225	11						
9	Thorium & Uranium on filters	NIOSH 7300	14	1						
10	Silica, Crystalline – all types	NIOSH 7500	210	11						
11	Silica, Crystalline bulk – all types	NIOSH 7500	40	2						
12	VOCs individually qualified and quantified by open characterization	OSHA 7	350	18						
13	1,3-Butadiene	NIOSH 1024 or OSHA 56	4	0						
14	Sulfur Dioxide	NIOSH 6004	125	6						
15	Nitride Oxide and / or Nitrogen Dioxide	NIOSH 6014	125	6						
16	Elemental Carbon	NIOSH 5040	2	0						
17	Acetaldehyde (separate tubes)	OSHA 68 or EPA TO-11	6	0						
18	Formaldehyde (separate tubes)	OSHA 52	6	0						
19	Lead wipes	OSHA ID-125G	45	2						
20	Lead in Air	NIOSH 7300	70	4						
21	Beryllium(Be) Wipes	NIOSH 9100	90	5						
22	Particulate Matter (PM ₁₀ / PM _{2.5})	NIOSH 0600	300	15						
23	Lead and Copper in Air	NIOSH 7303 (Pb & Cu)	50	4						
24	Cyclonite (RDX) in Air	OSHA PV2135	25	3						
	Analyte of Concern Air	Analytical Method Reference								
25	PAH's /SVOCs	NIOSH 5506	260	17						
26	Metals – individual or scan	NIOSH 7300	60	3						
27	Asbestos bulk	NIOSH 9002 or EPA/600/R-93/116	25	1						
28	Total Fiber Analysis by PCM	NIOSH 7400	20	1						
29	Asbestos structures	D6480-05 (TEM)	150	0						
30	Asbestos Airborne by TEM	NIOSH 7402	90	6						
31	Asbestos Structures in DUST	ASTM D5755 in accordance with US EPA YAMATE level II or AHERA method	40	5						
32	Cyanide (Particulate phase)	NIOSH 7904	4	1						
33	Cyanide (Gaseous phase)	NIOSH 7904	4	1						
34	Nitroaromatic compounds	NIOSH 2005	4	1						
35	Total Hydrocarbon (reported as n-hexane)	NIOSH 1550	10	1						
36	Nitric Acid	NIOSH 7903	10	1						



37	Nitric oxide-NO	OSHA ID-190	10	1						
38	Nitrogen dioxide-NO2	OSHA ID-182	100	6						
39	Sulphur Dioxide-SO2	OSHA ID-200	100	6						
40	Aldehyde Scan - individually qualified and quantified	NIOSH 2539 or EPA-TO-11	2	0						
41	Hydrogen Sulfide-H2S	NIOSH 6013 or OSHA 1008	60	3						
42	Sulfuric Acid Mist	OSHA ID-113	60	3						
43	Vinyledene Chloride	NIOSH 1015	10	1						
44	Group A – Benzene, ethylbenzene, toluene, xylenes (BTEX)	NIOSH 1501 or OSHA 7	15	1						
45	NIOSH 1501, Group B – cumene, alpha-methylstyrene, styrene, p-tert-butyltoluene (also called 4-t-butyltoluene).	NIOSH 1501 or OSHA 7	10	1						
46	Naphtha (includes mixtures such as stoddard solvent, mineral spirits, kerosene, and total hydrocarbons).	NIOSH 1550	20	2						
47	Polychlorinated biphenyls (PCBs).	NIOSH 5503	2	0						
48	Organonitrogen pesticides	NIOSH 5601	5	0						
49	Isocyanates (monomers, such as MDI; HDI; 2,4-TDI; 2,6-TDI).	OSHA 42 or 47	20	1						
50	Isocyanates.	Iso-chek®	10	1						
51	Crushing of rock	CARB435	1	0						
52	Silica, bulk	Modified NIOSH 7500	5	0						
53	Dioxins and Furans	EPA TO-9 / EPA8290	115	6						
54	Mould-Viable	Genus/species Agar Method/	20	5						
55		Spore Trap	100	4						
56	Mould-Total	Genus-Spore Trap	150	20						
57	Endotoxins	Kinetic Chromogenic Method	2	0						
58	Hexavalent Chromium Cr(VI)	OSHA ID-215	25	5						
59	Metal Working Fluids	NIOSH 5524	20	5						
60	Diesel Particulate Matter	NIOSH 5040	20	5						
	Analyte of Concern Water	Analytical Method Reference								
61	PFA's	EPA 537.1/537 revised 1.1	10	1						
62	Color,,Apparent	APHA 2120	15	1						
63	Hardness (as CaCO3)	APHA 2340 B	15	1						
64	Total Dissolved Solids	APHA 2540C	15	1						



65	Bromate	EPA 6850	15	1						
66	Chlorate	EPA 300.1 Ion Chromatography	15	1						
67	Chloride(Cl)	EPA 300.1 (mod)	15	1						
68	Chlorite	EPA 300.1 Ion Chromatography	15	1						
69	Fluoride (F)	EPA 300.1 (mod)	15	1						
70	Nitrate and Nitrite as N	APHA 4110B	15	1						
71	Nitrate (as N)	EPA 300.1 (mod)	15	1						
72	Nitrite (as N)	EPA300.1 (mod)	25	1						
73	Sulfate (SO4)	EPA 300.1 (mod)	15	1						
74	Sulphide (as S)	APHA 4500S2D	15	1						
75	Cyanide, Total	APHA 4500CN C E-Strong	15	1						
76		Acid Dist Colorim	15	1						
77	Chloramines	APHA 4500-Cl B	15	1						
78	Chlorine, Free	SM 4500-CL G, EPA 330.5	15	1						
79	Chlorine, Total	APHA 4500-CL G	15	1						
80	Aluminum (Al)	EPA 6020A	15	1						
81	Antimony (Sb)	EPA 6020A	15	1						
82	Arsenic (As)	EPA 6020A	15	1						
83	Barium (Ba)	EPA 6020A	15	1						
84	Beryllium (Be)	EPA 6020A	15	1						
85	Bismuth (Bi)	EPA6020A	15	1						
86	Boron (B)	EPA 6020A	15	1						
87	Cadmium (Cd)	EPA 6020A	15	1						
88	Calcium (Ca)	EPA 6020A	15	1						
89	Chromium (Cr)	EPA 6020A	15	1						
90	Cobalt (Co)	EPA 6020A	15	1						
91	Copper (Cu)	EPA 6020A	15	1						
92	Iron (Fe)	EPA 6020A	15	1						
93	Lead (Pb)	EPA 6020A	15	1						
94	Lithium (Li)	EPA 6020A	15	1						
95	Magnesium (Mg)	EPA 6020A	15	1						
96	Manganese (Mn)	EPA 6020A	15	1						
97	Mercury	EPA 1631E (mod)	15	1						
98	Molybdenum (Mo)	EPA 6020A	15	1						
99	Nickel (Ni)	EPA 6020 A	15	1						
100	Phosphorus (P)	EPA 6020A	15	1						
101	Potassium (K)	EPA 6020A	15	1						
102	Selenium (Se)	EPA 6020A	15	1						
103	Silicon (Si)	EPA 6020A	15	1						



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104	Silver (Ag)	EPA 6020A	15	1						
105	Sodium (Na)	EPA6020A	15	1						
106	Stronium (Sr)	EPA 6020A	15	1						
107	Thallium (Tl)	EPA 6020A	15	1						
108	Tin (Sn)	EPA 6020A	15	1						
109	Titanium (Ti)	EPA 6020A	15	1						
110	Tungsten (W)	EPA 6020A	15	1						
111	Uranium (U)	EPA 6020A	15	1						
112	Vanadium (V)	EPA 6020A	25	1						
113	Zinc (Zn)	EPA 6020A	15	1						
114	Zirconium (Zr)	EPA 6020A	15	1						
115	1,1-dichloroethylene (vinylidene Chloride)	SW846 8260	15	1						
116	1,2-Dichlorobenzene	SW846 8260	15	1						
117	1,2-dichloroethane	SW846 8260	15	1						
118	1,4 Dichlorobenzene	SW846 8260	15	1						
119	1,4-Difluorobenzene	SW846 8260	15	1						
120	4-Bromofluorobenzene	SW846 8260	15	1						
121	Benzene	SW846 8260	15	1						
122	Carbon tetrachloride	SW846 8260	15	1						
123	Monochlorobenzene	SW846 8260	15	1						
124	Dichloromethane	SW846 8260	15	1						
125	Tetrachloroethylene (perchloroethylene)	Sw845 8260	15	1						
126	Trichloroethylene	SW846 8260	15	1						
127	Vinyl chloride	SW845 8260	15	1						
128	Xylenes (Total)	Calculation	15	1						
129	Total water Trihalomethanes	Calculation	15	1						
130	2-Bromobutanoic Acid	EPA 552.3	15	1						
131	Bromochloroacetic Acid	EPA 552.3	15	1						
132	Bromodichloroacetic Acid	EPA 552.3	15	1						
133	Chlorodibromoacetic Acid	EPA 552.3	15	1						
134	Dalapon	EPA 552.3	15	1						
135	Dibromoacetic Acid	EPA 552.3	15	1						
136	Dichloroacetic Acid	EPA 552.3	15	1						
137	Total Haloacetic Acids 5	Calculation	15	1						
138	Bromoacetic Acid	EPA 552.3	15	1						
139	Chloroacetic Acid	EPA 552.3	15	1						
140	Tribromoacetic Acid	EPA 552.3	15	1						
141	Trichloroacetic Acid	EPA 552.3	15	1						
142	Formaldehyde	EPA 556.1	15	1						
143	N-Nitrosodimethylamine	MOE E3291	15	1						



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144	N-Nitrosodimethylamine-d6	MOE E3291	15	1						
145	2,4,5-T	SW846 8270	15	1						
146	2,4,5,-TP	SW846 8270	15	1						
147	2,4-D	SW846 8270	15	1						
148	2,4-D	SW846 8270	15	1						
149	2,4-Dichlorophenylacetic Acid	SW846 8270	15	1						
150	Bromoxynil	SW846 8270	15	1						
151	Dicamba	SW846 8270	15	1						
152	Dinoseb	SW846 8270	15	1						
153	Glyphosate	MOE E3500	15	1						
154	MCPA	SW846 8270	15	1						
155	Mecoprop	SW846 8270	15	1						
156	Picloram	SW846 8270	15	1						
157	2,3,4,6-Tetrachlorophenol	SW846 8270	15	1						
158	2,4,6-Tribromophenol	Sw846 8270	15	1						
159	2,4,6-Trichlorophenol	SW846 8270	15	1						
160	2,4 Dichlorophenol	SW846 8270	15	1						
161	2-Fluorobiphenyl	SW846 8270	15	1						
162	Alachlor	SW846 8270	15	1						
163	Atrazine	SW846 8270	15	1						
164	Atrazine Desethyl	SW846 8270	15	1						
165	Atrazine & Metabolites	SW846 8270	15	1						
166	Azinphos-methyl	SW846 8270	15	1						
167	Benzo(a)pyrene	SW846 8270	15	1						
168	Carbaryl	SW846 8270	15	1						
169	Carbofuran	SW846 8270	15	1						
170	Chlorpyrifos	SW846 8270	15	1						
171	Diazinon	SW846 8270	15	1						
172	Diclofop-methyl	SW846 8270	15	1						
173	Dimethoate	SW846 8270	15	1						
174	Diquat	EPA 549.2 Modified	15	1						
175	Diuron	MOE PWAUH-E3436 (MOD)	15	1						
176	Malathion	SW845 8270	15	1						
177	Metolachlor	SW846 8270	15	1						
178	Metribuzin	SW846 8270	15	1						
179	Paraquat	EPA 549.2	15	1						
180	Pentachlorophenol	SW846 8270	15	1						
181	Phorate	SW846 8270	15	1						
182	Prometryne	SW846 8270	15	1						
183	Simazine	SW846 8270	15	1						



184	Terbufos	SW846 8270	15	1						
185	Triallate	SW846 8270	15	1						
186	Trifluralin	Sw846 8270	15	1						
187	Microcystin	ENVIROGIX QUANTIPLATE KIT	15	1						
188		CAT.EP022	15	1						
189	Nitritotriacetic Acid (NTA)	EPA 430.2	15	1						
190	Gross Alpha	EPA 900.0	15	1						
191	Gross Beta	EPA 900.0	15	1						
192	PFAS (USEPA)	EPA 533	15	1						
193	PFAS (USEPA)	EPA 537.1	15	1						
194	MTBE	EPA 8240B/60B	15	1						
195	Ethylbenzene	502-2	15	1						
196	Toluene	EPA 502.2	15	1						
	Analyte of Concern Soil	Analytical Method Reference								
197	Antimony (Sb)	EPA 200.2.6020A (mod)	20	1						
198	Arsenic (As)	EPA 200.2.6020A (mod)	20	1						
199	Barium (Ba)	EPA 200.2.6020A (mod)	20	1						
200	Beryllium (Be)	EPA 200.2.6020A (mod)	20	1						
201	Boron (B)	EPA 200.2.6020A (mod)	20	1						
202	Cadmium (Cd)	EPA 200.2.6020A (mod)	20	1						
203	Chromium (Cr0)	EPA 200.2.6020A (mod)	20	1						
204	Cobalt (Co)	EPA 200.2.6020A (mod)	20	1						
205	Copper (Cu)	EPA 200.2.6020A (mod)	20	1						
206	Lead (Pb)	EPA 200.2.6020A (mod)	20	1						
207	Molybdenum (Mo)	EPA 200.2.6020A (mod)	20	1						
208	Nickel (Ni)	EPA 200.2.6020A (mod)	20	1						



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209	Selenium (Se)	EPA 200.2.6020A (mod)	20	1						
210	Silver (Ag)	EPA 200.2.6020A (mod)	20	1						
211	Thalium (Tl)	EPA 200.2.6020A (mod)	20	1						
212	Uranium (U)	EPA 200.2.6020A (mod)	20	1						
213	Vanadium (V)	EPA 200.2.6020A (mod)	20	1						
214	Zinc (Zn)	EPA 200.2.6020A (mod)	20	1						
215	1,1,1,2-Tetrachloroethane	SW846 8260 (511)	20	1						
216	1,1,1-Trichloroethane	SW846 8260 (511)	20	1						
217	1,1,2,2-Tetrachloroethane	SW846 8260 (511)	20	1						
218	1,1,2-Trichloroethane	SW846 8260 (511)	20	1						
219	1,1-Dichloroethane	SW846 8260 (511)	20	1						
220	1,1-Dichloroethylene	SW846 8260 (511)	20	1						
221	1,2-Dichlorobenzene	SW846 8260 (511)	20	1						
222	1,2-Dichloroethane	SW846 8260 (511)	20	1						
223	1,2-Dichloropropane	SW846 8260 (511)	20	1						
224	1,3-Dichlorobenzene	SW846 8260 (511)	20	1						
225	1,3-Dichloropropene (cis & Trans)	SW8260B/SW82 70C	20	1						
226	1,4-Dichlorobenzene	SW846 8260 (511)	20	1						
227	1,4-Difluorobenzene	SW846 8260 (511)	20	1						
228	4-Bromofluotobenzene	SW846 8260 (511)	20	1						
229	Acetone	SW846 8260 (511)	20	1						
230	Benzene	SW846 8260 (511)	20	1						
231	Bromodichloromethane	SW846 8260 (511)	20	1						
232	Bromoform	SW846 8260 (511)	20	1						
233	Bromomethane	SW846 8260 (511)	20	1						
234	Carbom tetrachloride	SW846 8260 (511)	20	1						
235	Chlorobenzene	SW846 8260 (511)	20	1						



236	Dibromochloromethane	SW846 8260 (511)	20	1						
237	Chloroform	SW846 8260 (511)	20	1						
238	Cis-1,2-Dichloroethylene	SW846 8260 (511)	20	1						
239	Cis-1,3-Dichloropropene	SW846 8260 (511)	20	1						
240	Dichlorodifluoromethane	SW846 8260 (511)	20	1						
241	Ethylbenzene	SW846 8260 (511)	20	1						
242	1,2-Dibromoethane	SW846 8260 (511)	20	1						
243	m+p-Xylenes	SW846 8260 (511)	20	1						
244	Methyl Ethyl Ketone	SW846 8260 (511)	20	1						
245	Methyl Isobutyl Ketone	SW846 8260 (511)	20	1						
246	MTBE	SW846 8260 (511)	20	1						
247	Methylene Chloride	SW846 8260 (511)	20	1						
248	n-Hexane	SW846 8260 (511)	20	1						
249	o-Xylene	SW846 8260 (511)	20	1						
250	Styrene	SW846 8260 (511)	20	1						
251	Tetrachloroethylene	SW846 8260 (511)	20	1						
252	Toluene	SW846 8260 (511)	20	1						
253	Trans-1,2-Dichloroethylene	SW846 8260 (511)	20	1						
254	Trans-1,3-Dichloropropene	SW846 8260 (511)	20	1						
255	Trichloroethylene	SW846 8260 (511)	20	1						
256	Trichlorofluoromethane	SW846 8260 (511)	20	1						
257	Vinyl chloride	SW846 8260 (511)	20	1						
258	Xylenes (Total)	CALCULATION	20	1						
259	1-Methylnaphthalene	SW846 3510/8270	20	1						
260	Fluorobiphenyl	SW846 3510/8270	20	1						
261	2-Methylnaphthalene	SW846 3510/8270	20	1						
262	Acenaphthalene	SW846 3510/8270	20	1						
263	d-10-Acenaphthylene	SW846 3510/8270	20	1						
264	Acenaphthene	SW846 3510/8270	20	1						
265	Anthracene	SW846 3510/8270	20	1						



266	Benzo(a)anthracene	SW846 3510/8270	20	1						
267	Benzo(a)pyrene	SW846 3510/8270	20	1						
268	Benzo(b)fluoranthene	SW846 3510/8270	20	1						
269	Benzo(g,h,i)perylene	SW846 3510/8270	20	1						
270	Benzo(k)fluoranthene	SW846 3510/8270	20	1						
271	Chrysene	SW846 3510/8270	20	1						
272	D12-Chrysene	SW846 3510/8270	20	1						
273	Dibenzo(ah)anthracene	SW846 3510/8270	20	1						
274	Fluoranthene	SW846 3510/8270	20	1						
275	Fluorene	SW846 3510/8270	20	1						
276	Indeno(1,2,3-cd)pyrene	SW846 3510/8270	20	1						
277	Napthalene	SW846 3510/8270	20	1						
278	D8-Napthalene	SW846 3510/8270	20	1						
279	p-Terphenyl d14	SW846 3510/8270	20	1						
280	Phenanthrene	SW846 3510/8270	20	1						
281	D10-Phenanthrene	SW846 3510/8270	20	1						
282	Pyrene	SW846 3510/8270	20	1						
283	Total THMs	CALCULATION	•	1						
								Grand Total BB1: \$	Grand Total BB2: \$	Grand total BB3: \$

1.3 Period – Year 3

Item #	Analyte of Concern Air	Requirement			Year 3 (12 months)					
		Analytical Method Reference	Maximum Routine Annual Estimated Usage	Maximum Urgent Annual Estimated Usage	Media Preparation & Delivery Unit Price	Routine Analysis & Report Unit Price	Urgent Analysis & Report Unit Price	Media Preparation & delivery Total price	Routine Analysis & Report Total Price	Urgent Analysis & Report Total Price
			(A)	(B)	(C3)	(D3)	(E3)	F3 = A x C3	G3 = A x D2	H3 = B x E2
<i>(These lab test must be capable of being done in compliance with both the Routine and Urgent timelines)</i>										
1	Cresol(all isomers) and Phenol	NIOSH 2546 or OSHA 32	40	2						
2	Methylene Chloride	NIOSH 1005	20	1						
3	Methylene Chloride	OSHA 80	20	1						
4	Ketone - Single Ketone Test (Base Price)	NIOSH1300	50	3						
5	Particulate Mercury	OSHA ID-145	5	0						
6	Mercury Vapour	NIOSH 6009	5	0						
7	Particulate not otherwise regulated - Respirable	NIOSH 0600	225	11						



8	Particulate not otherwise regulated - Total	NIOSH 0500	225	11						
9	Thorium & Uranium on filters	NIOSH 7300	14	1						
10	Silica, Crystalline – all types	NIOSH 7500	210	11						
11	Silica, Crystalline bulk – all types	NIOSH 7500	40	2						
12	VOCs individually qualified and quantified by open characterization	OSHA 7	350	18						
13	1,3-Butadiene	NIOSH 1024 or OSHA 56	4	0						
14	Sulfur Dioxide	NIOSH 6004	125	6						
15	Nitride Oxide and / or Nitrogen Dioxide	NIOSH 6014	125	6						
16	Elemental Carbon	NIOSH 5040	2	0						
17	Acetaldehyde (separate tubes)	OSHA 68 or EPA TO-11	6	0						
18	Formaldehyde (separate tubes)	OSHA 52	6	0						
19	Lead wipes	OSHA ID-125G	45	2						
20	Lead in Air	NIOSH 7300	70	4						
21	Beryllium(Be) Wipes	NIOSH 9100	90	5						
22	Particulate Matter (PM ₁₀ / PM _{2.5})	NIOSH 0600	300	15						
23	Lead and Copper in Air	NIOSH 7303 (Pb & Cu)	50	4						
24	Cyclonite (RDX) in Air	OSHA PV2135	25	3						
	Analyte of Concern Air	Analytical Method Reference								
25	PAH's /SVOCs	NIOSH 5506	260	17						
26	Metals – individual or scan	NIOSH 7300	60	3						
27	Asbestos bulk	NIOSH 9002 or EPA/600/R-93/116	25	1						
28	Total Fiber Analysis by PCM	NIOSH 7400	20	1						
29	Asbestos structures	D6480-05 (TEM)	150	0						
30	Asbestos Airborne by TEM	NIOSH 7402	90	6						
31	Asbestos Structures in DUST	ASTM D5755 in accordance with US EPA YAMATE level II or AHERA method	40	5						
32	Cyanide (Particulate phase)	NIOSH 7904	4	1						
33	Cyanide (Gaseous phase)	NIOSH 7904	4	1						
34	Nitroaromatic compounds	NIOSH 2005	4	1						
35	Total Hydrocarbon (reported as n-hexane)	NIOSH 1550	10	1						
36	Nitric Acid	NIOSH 7903	10	1						
37	Nitric oxide-NO	OSHA ID-190	10	1						



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38	Nitrogen dioxide-NO2	OSHA ID-182	100	6						
39	Sulphur Dioxide-SO2	OSHA ID-200	100	6						
40	Aldehyde Scan - individually qualified and quantified	NIOSH 2539 or EPA-TO-11	2	0						
41	Hydrogen Sulfide-H ₂ S	NIOSH 6013 or OSHA 1008	60	3						
42	Sulfuric Acid Mist	OSHA ID-113	60	3						
43	Vinylidene Chloride	NIOSH 1015	10	1						
44	Group A – Benzene, ethylbenzene, toluene, xylenes (BTEX)	NIOSH 1501 or OSHA 7	15	1						
45	NIOSH 1501, Group B – cumene, alpha-methylstyrene, styrene, p-tert-butyltoluene (also called 4-t-butyltoluene).	NIOSH 1501 or OSHA 7	10	1						
46	Naphtha (includes mixtures such as stoddard solvent, mineral spirits, kerosene, and total hydrocarbons).	NIOSH 1550	20	2						
47	Polychlorinated biphenyls (PCBs).	NIOSH 5503	2	0						
48	Organonitrogen pesticides	NIOSH 5601	5	0						
49	Isocyanates (monomers, such as MDI; HDI; 2,4-TDI; 2,6-TDI).	OSHA 42 or 47	20	1						
50	Isocyanates.	Iso-chek®	10	1						
51	Crushing of rock	CARB435	1	0						
52	Silica, bulk	Modified NIOSH 7500	5	0						
53	Dioxins and Furans	EPA TO-9 / EPA8290	115	6						
55	Mould-Viable	Genus/species Agar Method/	20	5						
54		Spore Trap	100	4						
56	Mould-Total	Genus-Spore Trap	150	20						
57	Endotoxins	Kinetic Chromogenic Method	2	0						
58	Hexavalent Chromium Cr(VI)	OSHA ID-215	25	5						
59	Metal Working Fluids	NIOSH 5524	20	5						
60	Diesel Particulate Matter	NIOSH 5040	20	5						
	Analyte of Concern Water	Analytical Method Reference								
61	PFA's	EPA 537.1/537 revised 1.1	10	1						
62	Color,,Apparent	APHA 2120	15	1						
63	Hardness (as CaCO3)	APHA 2340 B	15	1						
64	Total Dissolved Solids	APHA 2540C	15	1						
65	Bromate	EPA 6850	15	1						



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66	Chlorate	EPA 300.1 Ion Chromatography	15	1						
67	Chloride(Cl)	EPA 300.1 (mod)	15	1						
68	Chlorite	EPA 300.1 Ion Chromatography	15	1						
69	Fluoride (F)	EPA 300.1 (mod)	15	1						
70	Nitrate and Nitrite as N	APHA 4110B	15	1						
71	Nitrate (as N)	EPA 300.1 (mod)	15	1						
72	Nitrite (as N)	EPA300.1 (mod)	25	1						
73	Sulfate (SO4)	EPA 300.1 (mod)	15	1						
74	Sulphide (as S)	APHA 4500S2D	15	1						
75	Cyanide, Total	APHA 4500CN C E-Strong	15	1						
76		Acid Dist Colorim	15	1						
77	Chloramines	APHA 4500-Cl B	15	1						
78	Chlorine, Free	SM 4500-CL G, EPA 330.5	15	1						
79	Chlorine, Total	APHA 4500-CL G	15	1						
80	Aluminum (Al)	EPA 6020A	15	1						
81	Antimony (Sb)	EPA 6020A	15	1						
82	Arsenic (As)	EPA 6020A	15	1						
83	Barium (Ba)	EPA 6020A	15	1						
84	Beryllium (Be)	EPA 6020A	15	1						
85	Bismuth (Bi)	EPA6020A	15	1						
86	Boron (B)	EPA 6020A	15	1						
87	Cadmium (Cd)	EPA 6020A	15	1						
88	Calcium (Ca)	EPA 6020A	15	1						
89	Chromium (Cr)	EPA 6020A	15	1						
90	Cobalt (Co)	EPA 6020A	15	1						
91	Copper (Cu)	EPA 6020A	15	1						
92	Iron (Fe)	EPA 6020A	15	1						
93	Lead (Pb)	EPA 6020A	15	1						
94	Lithium (Li)	EPA 6020A	15	1						
95	Magnesium (Mg)	EPA 6020A	15	1						
96	Manganese (Mn)	EPA 6020A	15	1						
97	Mercury	EPA 1631E (mod)	15	1						
98	Molybdenum (Mo)	EPA 6020A	15	1						
99	Nickel (Ni)	EPA 6020 A	15	1						
100	Phosphorus (P)	EPA 6020A	15	1						
101	Potassium (K)	EPA 6020A	15	1						
102	Selenium (Se)	EPA 6020A	15	1						
103	Silicon (Si)	EPA 6020A	15	1						
104	Silver (Ag)	EPA 6020A	15	1						



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105	Sodium (Na)	EPA6020A	15	1						
106	Stronium (Sr)	EPA 6020A	15	1						
107	Thallium (Tl)	EPA 6020A	15	1						
108	Tin (Sn)	EPA 6020A	15	1						
109	Titanium (Ti)	EPA 6020A	15	1						
110	Tungsten (W)	EPA 6020A	15	1						
111	Uranium (U)	EPA 6020A	15	1						
112	Vanadium (V)	EPA 6020A	25	1						
113	Zinc (Zn)	EPA 6020A	15	1						
114	Zirconium (Zr)	EPA 6020A	15	1						
115	1,1-dichloroethylene (vinylidene Chloride)	SW846 8260	15	1						
116	1,2-Dichlorobenzene	SW846 8260	15	1						
117	1,2-dichloroethane	SW846 8260	15	1						
118	1,4 Dichlorobenzene	SW846 8260	15	1						
119	1,4-Difluorobenzene	SW846 8260	15	1						
120	4-Bromofluorobenzene	SW846 8260	15	1						
121	Benzene	SW846 8260	15	1						
122	Carbon tetrachloride	SW846 8260	15	1						
123	Monochlorobenzene	SW846 8260	15	1						
124	Dichloromethane	SW846 8260	15	1						
125	Tetrachoroethylene (perchloroethylene)	Sw845 8260	15	1						
126	Trichloroethylene	SW846 8260	15	1						
127	Vinyl chloride	SW845 8260	15	1						
128	Xylenes (Total)	Calculation	15	1						
129	Total water Trihalomethanes	Calculation	15	1						
130	2-Bromobutanoic Acid	EPA 552.3	15	1						
131	Bromochloroacetic Acid	EPA 552.3	15	1						
132	Bromodichloroacetic Acid	EPA 552.3	15	1						
133	Chlorodibromoacetic Acid	EPA 552.3	15	1						
134	Dalapon	EPA 552.3	15	1						
135	Dibromoacetic Acid	EPA 552.3	15	1						
136	Dichloroacetic Acid	EPA 552.3	15	1						
137	Total Haloacetic Acids 5	Calculation	15	1						
138	Bromoacetic Acid	EPA 552.3	15	1						
139	Chloroacetic Acid	EPA 552.3	15	1						
140	Tribromoacetic Acid	EPA 552.3	15	1						
141	Trichloroacetic Acid	EPA 552.3	15	1						
142	Formaldehyde	EPA 556.1	15	1						
143	N-Nitrosodimethylamine	MOE E3291	15	1						
144	N-Nitrosodimethylamine-d6	MOE E3291	15	1						



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145	2,4,5-T	SW846 8270	15	1						
146	2,4,5,-TP	SW846 8270	15	1						
147	2,4-D	SW846 8270	15	1						
148	2,4-D	SW846 8270	15	1						
149	2,4-Dichlorophenylacetic Acid	SW846 8270	15	1						
150	Bromoxynil	SW846 8270	15	1						
151	Dicamba	SW846 8270	15	1						
152	Dinoseb	SW846 8270	15	1						
153	Glyphosate	MOE E3500	15	1						
154	MCPA	SW846 8270	15	1						
155	Mecoprop	SW846 8270	15	1						
156	Picloram	SW846 8270	15	1						
157	2,3,4,6-Tetrachlorophenol	SW846 8270	15	1						
158	2,4,6-Tribromophenol	Sw846 8270	15	1						
159	2,4,6-Trichlorophenol	SW846 8270	15	1						
160	2,4 Dichlorophenol	SW846 8270	15	1						
161	2-Fluorobiphenyl	SW846 8270	15	1						
162	Alachlor	SW846 8270	15	1						
163	Atrazine	SW846 8270	15	1						
164	Atrazine Desethyl	SW846 8270	15	1						
165	Atrazine & Metabolites	SW846 8270	15	1						
166	Azinphos-methyl	SW846 8270	15	1						
167	Benzo(a)pyrene	SW846 8270	15	1						
168	Carbaryl	SW846 8270	15	1						
169	Carbofuran	SW846 8270	15	1						
170	Chlorpyrifos	SW846 8270	15	1						
171	Diazinon	SW846 8270	15	1						
172	Diclofop-methyl	SW846 8270	15	1						
173	Dimethoate	SW846 8270	15	1						
174	Diquat	EPA 549.2 Modified	15	1						
175	Diuron	MOE PWAUH-E3436 (MOD)	15	1						
176	Malathion	SW845 8270	15	1						
177	Metolachlor	SW846 8270	15	1						
178	Metribuzin	SW846 8270	15	1						
179	Paraquat	EPA 549.2	15	1						
180	Pentachlorophenol	SW846 8270	15	1						
181	Phorate	SW846 8270	15	1						
182	Prometryne	SW846 8270	15	1						
183	Simazine	SW846 8270	15	1						
184	Terbufos	SW846 8270	15	1						



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185	Triallate	SW846 8270	15	1						
186	Trifluralin	Sw846 8270	15	1						
187	Microcystin	ENVIROGIX QUANTIPLATE KIT	15	1						
188		CAT.EP022	15	1						
189	Nitritotriacetic Acid (NTA)	EPA 430.2	15	1						
190	Cross Alpha	EPA 900.0	15	1						
191	Gross Beta	EPA 900.0	15	1						
192	PFAS (USEPA)	EPA 533	15	1						
193	PFAS (USEPA)	EPA 537.1	15	1						
194	MTBE	EPA 8240B/60B	15	1						
195	Ethylbenzene	502-2	15	1						
196	Toluene	EPA 502.2	15	1						
	Analyte of Concern Soil	Analytical Method Reference								
197	Antimony (Sb)	EPA 200.2.6020A (mod)	20	1						
198	Arsenic (As)	EPA 200.2.6020A (mod)	20	1						
199	Barium (Ba)	EPA 200.2.6020A (mod)	20	1						
200	Beryllium (Be)	EPA 200.2.6020A (mod)	20	1						
201	Boron (B)	EPA 200.2.6020A (mod)	20	1						
202	Cadmium (Cd)	EPA 200.2.6020A (mod)	20	1						
203	Chromium (Cr0)	EPA 200.2.6020A (mod)	20	1						
204	Cobalt (Co)	EPA 200.2.6020A (mod)	20	1						
205	Copper (Cu)	EPA 200.2.6020A (mod)	20	1						
206	Lead (Pb)	EPA 200.2.6020A (mod)	20	1						
207	Molybdenum (Mo)	EPA 200.2.6020A (mod)	20	1						
208	Nickel (Ni)	EPA 200.2.6020A (mod)	20	1						
209	Selenium (Se)	EPA 200.2.6020A (mod)	20	1						



210	Silver (Ag)	EPA 200.2.6020A (mod)	20	1						
211	Thalium (Tl)	EPA 200.2.6020A (mod)	20	1						
212	Uranium (U)	EPA 200.2.6020A (mod)	20	1						
213	Vanadium (V)	EPA 200.2.6020A (mod)	20	1						
214	Zinc (Zn)	EPA 200.2.6020A (mod)	20	1						
215	1,1,1,2-Tetrachloroethane	SW846 8260 (511)	20	1						
216	1,1,1-Trichlorethane	SW846 8260 (511)	20	1						
217	1,1,2,2-Tetrachlorethane	SW846 8260 (511)	20	1						
218	1,1,2-Trichloroethane	SW846 8260 (511)	20	1						
219	1,1-Dichloroethane	SW846 8260 (511)	20	1						
220	1,1-Dichloroethylene	SW846 8260 (511)	20	1						
221	1,2-Dichlorobenzene	SW846 8260 (511)	20	1						
222	1,2-Dichloroethane	SW846 8260 (511)	20	1						
223	1,2-Dichloropropane	SW846 8260 (511)	20	1						
224	1,3-Dichlorobenzene	SW846 8260 (511)	20	1						
225	1,3-Dichloropropene (cis & Trans)	SW8260B/SW82 70C	20	1						
226	1,4-Dichlorobenzene	SW846 8260 (511)	20	1						
227	1,4-Difluorobenzene	SW846 8260 (511)	20	1						
228	4-Bromofluotobenzene	SW846 8260 (511)	20	1						
229	Acetone	SW846 8260 (511)	20	1						
230	Benzene	SW846 8260 (511)	20	1						
231	Bromodichloromethane	SW846 8260 (511)	20	1						
232	Bromoform	SW846 8260 (511)	20	1						
233	Bromomethane	SW846 8260 (511)	20	1						
234	Carbom tetrachloride	SW846 8260 (511)	20	1						
235	Chlorobenzene	SW846 8260 (511)	20	1						
236	Dibromochloromethane	SW846 8260 (511)	20	1						



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237	Chloroform	SW846 8260 (511)	20	1						
238	Cis-1,2-Dichloroethylene	SW846 8260 (511)	20	1						
239	Cis-1,3-Dichloropropene	SW846 8260 (511)	20	1						
240	Dichlorodifluoromethane	SW846 8260 (511)	20	1						
241	Ethylbenzene	SW846 8260 (511)	20	1						
242	1,2-Dibromoethane	SW846 8260 (511)	20	1						
243	m+p-Xylenes	SW846 8260 (511)	20	1						
244	Methyl Ethyl Ketone	SW846 8260 (511)	20	1						
245	Methyl Isobutyl Ketone	SW846 8260 (511)	20	1						
246	MTBE	SW846 8260 (511)	20	1						
247	Methylene Chloride	SW846 8260 (511)	20	1						
248	n-Hexane	SW846 8260 (511)	20	1						
249	o-Xylene	SW846 8260 (511)	20	1						
250	Styrene	SW846 8260 (511)	20	1						
251	Tetrachloroethylene	SW846 8260 (511)	20	1						
252	Toluene	SW846 8260 (511)	20	1						
253	Trans-1,2-Dichloroethylene	SW846 8260 (511)	20	1						
254	Trans-1,3-Dichloropropene	SW846 8260 (511)	20	1						
255	Trichloroethylene	SW846 8260 (511)	20	1						
256	Trichlorofluoromethane	SW846 8260 (511)	20	1						
257	Vinyl chloride	SW846 8260 (511)	20	1						
258	Xylenes (Total)	CALCULATION	20	1						
259	1-Methylnaphthalene	SW846 3510/8270	20	1						
260	Fluorobiphenyl	SW846 3510/8270	20	1						
261	2-Methylnaphthalene	SW846 3510/8270	20	1						
262	Acenaphthalene	SW846 3510/8270	20	1						
263	d-10-Acenaphthylene	SW846 3510/8270	20	1						
264	Acenaphthene	SW846 3510/8270	20	1						
265	Anthracene	SW846 3510/8270	20	1						
266	Benzo(a)anthracene	SW846 3510/8270	20	1						



267	Benzo(a)pyrene	SW846 3510/8270	20	1						
268	Benzo(b)fluoranthene	SW846 3510/8270	20	1						
269	Benzo(g,h,i)perylene	SW846 3510/8270	20	1						
270	Benzo(k)fluoranthene	SW846 3510/8270	20	1						
271	Chrysene	SW846 3510/8270	20	1						
272	D12-Chrysene	SW846 3510/8270	20	1						
273	Dibenzo(ah)anthracene	SW846 3510/8270	20	1						
274	Fluoranthene	SW846 3510/8270	20	1						
275	Fluorene	SW846 3510/8270	20	1						
276	Indeno(1,2,3-cd)pyrene	SW846 3510/8270	20	1						
277	Napthalene	SW846 3510/8270	20	1						
278	D8-Napthalene	SW846 3510/8270	20	1						
279	p-Terphenyl d14	SW846 3510/8270	20	1						
280	Phenanthrene	SW846 3510/8270	20	1						
281	D10-Phenanthrene	SW846 3510/8270	20	1						
282	Pyrene	SW846 3510/8270	20	1						
283	Total THMs	CALCULATION	20	1						
								Grand Total CC1: \$	Grand Total CC2: \$	Grand total CC3: \$

1.4 Period – Year 4

Item #	Analyte of Concern Air	Requirement			Year 4 (12 months)					
		Analytical Method Reference	Maximum Routine Annual Estimated Usage (A)	Maximum Urgent Annual Estimated Usage (B)	Media Preparation & Delivery Unit Price (C4)	Routine Analysis & Report Unit Price (D4)	Urgent Analysis & Report Unit Price (E4)	Media Preparation & delivery Total price F4 = A x C4	Routine Analysis & Report Total Price G4 = A x D4	Urgent Analysis & Report Total Price H4 = B x E4
<i>(These lab test must be capable of being done in compliance with both the Routine and Urgent timelines)</i>										
1	Cresol(all isomers) and Phenol	NIOSH 2546 or OSHA 32	40	2						
2	Methylene Chloride	NIOSH 1005	20	1						
3	Methylene Chloride	OSHA 80	20	1						
4	Ketone - Single Ketone Test (Base Price)	NIOSH1300	50	3						
5	Particulate Mercury	OSHA ID-145	5	0						
6	Mercury Vapour	NIOSH 6009	5	0						
7	Particulate not otherwise regulated - Respirable	NIOSH 0600	225	11						
8	Particulate not otherwise regulated - Total	NIOSH 0500	225	11						



9	Thorium & Uranium on filters	NIOSH 7300	14	1						
10	Silica, Crystalline – all types	NIOSH 7500	210	11						
11	Silica, Crystalline bulk – all types	NIOSH 7500	40	2						
12	VOCs individually qualified and quantified by open characterization	OSHA 7	350	18						
13	1,3-Butadiene	NIOSH 1024 or OSHA 56	4	0						
14	Sulfur Dioxide	NIOSH 6004	125	6						
15	Nitride Oxide and / or Nitrogen Dioxide	NIOSH 6014	125	6						
16	Elemental Carbon	NIOSH 5040	2	0						
17	Acetaldehyde (separate tubes)	OSHA 68 or EPA TO-11	6	0						
18	Formaldehyde (separate tubes)	OSHA 52	6	0						
19	Lead wipes	OSHA ID-125G	45	2						
20	Lead in Air	NIOSH 7300	70	4						
21	Beryllium(Be) Wipes	NIOSH 9100	90	5						
22	Particulate Matter (PM ₁₀ / PM _{2.5})	NIOSH 0600	300	15						
23	Lead and Copper in Air	NIOSH 7303 (Pb & Cu)	50	4						
24	Cyclonite (RDX) in Air	OSHA PV2135	25	3						
	Analyte of Concern Air	Analytical Method Reference								
25	PAH's /SVOCs	NIOSH 5506	260	17						
26	Metals – individual or scan	NIOSH 7300	60	3						
27	Asbestos bulk	NIOSH 9002 or EPA/600/R-93/116	25	1						
28	Total Fiber Analysis by PCM	NIOSH 7400	20	1						
29	Asbestos structures	D6480-05 (TEM)	150	0						
30	Asbestos Airborne by TEM	NIOSH 7402	90	6						
31	Asbestos Structures in DUST	ASTM D5755 in accordance with US EPA YAMATE level II or AHERA method	40	5						
32	Cyanide (Particulate phase)	NIOSH 7904	4	1						
33	Cyanide (Gaseous phase)	NIOSH 7904	4	1						
34	Nitroaromatic compounds	NIOSH 2005	4	1						
35	Total Hydrocarbon (reported as n-hexane)	NIOSH 1550	10	1						
36	Nitric Acid	NIOSH 7903	10	1						
37	Nitric oxide-NO	OSHA ID-190	10	1						
38	Nitrogen dioxide-NO ₂	OSHA ID-182	100	6						



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39	Sulphur Dioxide-SO2	OSHA ID-200	100	6					
40	Aldehyde Scan - individually qualified and quantified	NIOSH 2539 or EPA-TO-11	2	0					
41	Hydrogen Sulfide-H ₂ S	NIOSH 6013 or OSHA 1008	60	3					
42	Sulfuric Acid Mist	OSHA ID-113	60	3					
43	Vinyledene Chloride	NIOSH 1015	10	1					
44	Group A – Benzene, ethylbenzene, toluene, xylenes (BTEX)	NIOSH 1501 or OSHA 7	15	1					
45	NIOSH 1501, Group B – cumene, alpha-methylstyrene, styrene, p-tert-butyltoluene (also called 4-t-butyltoluene).	NIOSH 1501 or OSHA 7	10	1					
46	Naphtha (includes mixtures such as stoddard solvent, mineral spirits, kerosene, and total hydrocarbons).	NIOSH 1550	20	2					
47	Polychlorinated biphenyls (PCBs).	NIOSH 5503	2	0					
48	Organonitrogen pesticides	NIOSH 5601	5	0					
49	Isocyanates (monomers, such as MDI; HDI; 2,4-TDI, 2,6-TDI).	OSHA 42 or 47	20	1					
50	Isocyanates.	Iso-chek®	10	1					
51	Crushing of rock	CARB435	1	0					
52	Silica, bulk	Modified NIOSH 7500	5	0					
53	Dioxins and Furans	EPA TO-9 / EPA8290	115	6					
54	Mould-Viable	Genus/species Agar Method/	20	5					
55		Spore Trap	100	4					
56	Mould-Total	Genus-Spore Trap	150	20					
57	Endotoxins	Kinetic Chromogenic Method	2	0					
58	Hexavalent Chromium Cr(VI)	OSHA ID-215	25	5					
59	Metal Working Fluids	NIOSH 5524	20	5					
60	Diesel Particulate Matter	NIOSH 5040	20	5					
	Analyte of Concern Water	Analytical Method Reference							
61	PFA's	EPA 537.1/537 revised 1.1	10	1					
62	Color,,Apparent	APHA 2120	15	1					
63	Hardness (as CaCO3)	APHA 2340 B	15	1					
64	Total Dissolved Solids	APHA 2540C	15	1					
65	Bromate	EPA 6850	15	1					
66	Chlorate	EPA 300.1 Ion Chromatography	15	1					



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67	Chloride(Cl)	EPA 300.1 (mod)	15	1						
68	Chlorite	EPA 300.1 Ion Chromatography	15	1						
69	Fluoride (F)	EPA 300.1 (mod)	15	1						
70	Nitrate and Nitrite as N	APHA 4110B	15	1						
71	Nitrate (as N)	EPA 300.1 (mod)	15	1						
72	Nitrite (as N)	EPA300.1 (mod)	25	1						
73	Sulfate (SO4)	EPA 300.1 (mod)	15	1						
74	Sulphide (as S)	APHA 4500S2D	15	1						
75	Cyanide, Total	APHA 4500CN C E-Strong	15	1						
76		Acid Dist Colorim	15	1						
77	Chloramines	APHA 4500-Cl B	15	1						
78	Chlorine, Free	SM 4500-CL G, EPA 330.5	15	1						
79	Chlorine, Total	APHA 4500-CL G	15	1						
80	Aluminum (Al)	EPA 6020A	15	1						
81	Antimony (Sb)	EPA 6020A	15	1						
82	Arsenic (As)	EPA 6020A	15	1						
83	Barium (Ba)	EPA 6020A	15	1						
84	Beryllium (Be)	EPA 6020A	15	1						
85	Bismuth (Bi)	EPA6020A	15	1						
86	Boron (B)	EPA 6020A	15	1						
87	Cadmium (Cd)	EPA 6020A	15	1						
88	Calcium (Ca)	EPA 6020A	15	1						
89	Chromium (Cr)	EPA 6020A	15	1						
90	Cobalt (Co)	EPA 6020A	15	1						
91	Copper (Cu)	EPA 6020A	15	1						
92	Iron (Fe)	EPA 6020A	15	1						
93	Lead (Pb)	EPA 6020A	15	1						
94	Lithium (Li)	EPA 6020A	15	1						
95	Magnesium (Mg)	EPA 6020A	15	1						
96	Manganese (Mn)	EPA 6020A	15	1						
97	Mercury	EPA 1631E (mod)	15	1						
98	Molybdenum (Mo)	EPA 6020A	15	1						
99	Nickel (Ni)	EPA 6020 A	15	1						
100	Phosphorus (P)	EPA 6020A	15	1						
101	Potassium (K)	EPA 6020A	15	1						
102	Selenium (Se)	EPA 6020A	15	1						
103	Silicon (Si)	EPA 6020A	15	1						
104	Silver (Ag)	EPA 6020A	15	1						
105	Sodium (Na)	EPA6020A	15	1						
106	Stronium (Sr)	EPA 6020A	15	1						



107	Thallium (Tl)	EPA 6020A	15	1						
108	Tin (Sn)	EPA 6020A	15	1						
109	Titanium (Ti)	EPA 6020A	15	1						
110	Tungsten (W)	EPA 6020A	15	1						
111	Uranium (U)	EPA 6020A	15	1						
112	Vanadium (V)	EPA 6020A	25	1						
113	Zinc (Zn)	EPA 6020A	15	1						
114	Zirconium (Zr)	EPA 6020A	15	1						
115	1,1-dichloroethylene (vinylidene Chloride)	SW846 8260	15	1						
116	1,2-Dichlorobenzene	SW846 8260	15	1						
117	1,2-dichloroethane	SW846 8260	15	1						
118	1,4 Dichlorobenzene	SW846 8260	15	1						
119	1,4-Difluorobenzene	SW846 8260	15	1						
120	4-Bromofluorobenzene	SW846 8260	15	1						
121	Benzene	SW846 8260	15	1						
122	Carbon tetrachloride	SW846 8260	15	1						
123	Monochlorobenzene	SW846 8260	15	1						
124	Dichloromethane	SW846 8260	15	1						
125	Tetrachloroethylene (perchloroethylene)	Sw845 8260	15	1						
126	Trichloroethylene	SW846 8260	15	1						
127	Vinyl chloride	SW845 8260	15	1						
128	Xylenes (Total)	Calculation	15	1						
129	Total water Trihalomethanes	Calculation	15	1						
130	2-Bromobutanoic Acid	EPA 552.3	15	1						
131	Bromochloroacetic Acid	EPA 552.3	15	1						
132	Bromodichloroacetic Acid	EPA 552.3	15	1						
133	Chlorodibromoacetic Acid	EPA 552.3	15	1						
134	Dalapon	EPA 552.3	15	1						
135	Dibromoacetic Acid	EPA 552.3	15	1						
136	Dichloroacetic Acid	EPA 552.3	15	1						
137	Total Haloacetic Acids 5	Calculation	15	1						
138	Bromoacetic Acid	EPA 552.3	15	1						
139	Chloroacetic Acid	EPA 552.3	15	1						
140	Tribromoacetic Acid	EPA 552.3	15	1						
141	Trichloroacetic Acid	EPA 552.3	15	1						
142	Formaldehyde	EPA 556.1	15	1						
143	N-Nitrosodimethylamine	MOE E3291	15	1						
144	N-Nitrosodimethylamine- d6	MOE E3291	15	1						
145	2,4,5-T	SW846 8270	15	1						
146	2,4,5,-TP	SW846 8270	15	1						



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147	2,4-D	SW846 8270	15	1						
148	2,4-D	SW846 8270	15	1						
149	2,4-Dichlorophenylacetic Acid	SW846 8270	15	1						
150	Bromoxynil	SW846 8270	15	1						
151	Dicamba	SW846 8270	15	1						
152	Dinoseb	SW846 8270	15	1						
153	Glyphosate	MOE E3500	15	1						
154	MCPA	SW846 8270	15	1						
155	Mecoprop	SW846 8270	15	1						
156	Picloram	SW846 8270	15	1						
157	2,3,4,6-Tetrachlorophenol	SW846 8270	15	1						
158	2,4,6-Tribromophenol	Sw846 8270	15	1						
159	2,4,6-Trichlorophenol	SW846 8270	15	1						
160	2,4 Dichlorophenol	SW846 8270	15	1						
161	2-Fluorobiphenyl	SW846 8270	15	1						
162	Alachlor	SW846 8270	15	1						
163	Atrazine	SW846 8270	15	1						
164	Atrazine Desethyl	SW846 8270	15	1						
165	Atrazine & Metabolites	SW846 8270	15	1						
166	Azinphos-methyl	SW846 8270	15	1						
167	Benzo(a)pyrene	SW846 8270	15	1						
168	Carbaryl	SW846 8270	15	1						
169	Carbofuran	SW846 8270	15	1						
170	Chlorpyrifos	SW846 8270	15	1						
171	Diazinon	SW846 8270	15	1						
172	Diclofop-methyl	SW846 8270	15	1						
173	Dimethoate	SW846 8270	15	1						
174	Diquat	EPA 549.2 Modified	15	1						
175	Diuron	MOE PWAUH-E3436 (MOD)	15	1						
176	Malathion	SW845 8270	15	1						
177	Metolachlor	SW846 8270	15	1						
178	Metribuzin	SW846 8270	15	1						
179	Paraquat	EPA 549.2	15	1						
180	Pentachlorophenol	SW846 8270	15	1						
181	Phorate	SW846 8270	15	1						
182	Prometryne	SW846 8270	15	1						
183	Simazine	SW846 8270	15	1						
184	Terbufos	SW846 8270	15	1						
185	Triallate	SW846 8270	15	1						
186	Trifluralin	Sw846 8270	15	1						



187	Microcystin	ENVIROGIX QUANTIPLATE KIT	15	1						
188		CAT.EP022	15	1						
189	Nitrotriacetic Acid (NTA)	EPA 430.2	15	1						
190	Cross Alpha	EPA 900.0	15	1						
191	Gross Beta	EPA 900.0	15	1						
192	PFAS (USEPA)	EPA 533	15	1						
193	PFAS (USEPA)	EPA 537.1	15	1						
194	MTBE	EPA 8240B/60B	15	1						
195	Ethylbenzene	502-2	15	1						
196	Toluene	EPA 502.2	15	1						
	Analyte of Concern Soil	Analytical Method Reference								
197	Antimony (Sb)	EPA 200.2.6020A (mod)	20	1						
198	Arsenic (As)	EPA 200.2.6020A (mod)	20	1						
199	Barium (Ba)	EPA 200.2.6020A (mod)	20	1						
200	Beryllium (Be)	EPA 200.2.6020A (mod)	20	1						
201	Boron (B)	EPA 200.2.6020A (mod)	20	1						
202	Cadmium (Cd)	EPA 200.2.6020A (mod)	20	1						
203	Chromium (Cr0)	EPA 200.2.6020A (mod)	20	1						
204	Cobalt (Co)	EPA 200.2.6020A (mod)	20	1						
205	Copper (Cu)	EPA 200.2.6020A (mod)	20	1						
206	Lead (Pb)	EPA 200.2.6020A (mod)	20	1						
207	Molybdenum (Mo)	EPA 200.2.6020A (mod)	20	1						
208	Nickel (Ni)	EPA 200.2.6020A (mod)	20	1						
209	Selenium (Se)	EPA 200.2.6020A (mod)	20	1						
210	Silver (Ag)	EPA 200.2.6020A (mod)	20	1						



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211	Thalium (Tl)	EPA 200.2.6020A (mod)	20	1						
212	Uranium (U)	EPA 200.2.6020A (mod)	20	1						
213	Vanadium (V)	EPA 200.2.6020A (mod)	20	1						
214	Zinc (Zn)	EPA 200.2.6020A (mod)	20	1						
215	1,1,1,2-Tetrachloroethane	SW846 8260 (511)	20	1						
216	1,1,1-Trichlorethane	SW846 8260 (511)	20	1						
217	1,1,2,2-Tetrachlorethane	SW846 8260 (511)	20	1						
218	1,1,2-Trichloroethane	SW846 8260 (511)	20	1						
219	1,1-Dichloroethane	SW846 8260 (511)	20	1						
220	1,1-Dichloroethylene	SW846 8260 (511)	20	1						
221	1,2-Dichlorobenzene	SW846 8260 (511)	20	1						
222	1,2-Dichloroethane	SW846 8260 (511)	20	1						
223	1,2-Dichloropropane	SW846 8260 (511)	20	1						
224	1,3-Dichlorobenzene	SW846 8260 (511)	20	1						
225	1,3-Dichloropropene (cis & Trans)	SW8260B/SW82 70C	20	1						
226	1,4-Dichlorobenzene	SW846 8260 (511)	20	1						
227	1,4-Difluorobenzene	SW846 8260 (511)	20	1						
228	4-Bromofluotobenzene	SW846 8260 (511)	20	1						
229	Acetone	SW846 8260 (511)	20	1						
230	Benzene	SW846 8260 (511)	20	1						
231	Bromodichloromethane	SW846 8260 (511)	20	1						
232	Bromoform	SW846 8260 (511)	20	1						
233	Bromomethane	SW846 8260 (511)	20	1						
234	Carbom tetrachloride	SW846 8260 (511)	20	1						
235	Chlorobenzene	SW846 8260 (511)	20	1						
236	Dibromochloromethane	SW846 8260 (511)	20	1						
237	Chloroform	SW846 8260 (511)	20	1						
238	Cis-1,2-Dichloroethylene	SW846 8260 (511)	20	1						



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239	<i>Cis-1,3-Dichloropropene</i>	SW846 8260 (511)	20	1						
240	<i>Dichlorodifluoromethane</i>	SW846 8260 (511)	20	1						
241	<i>Ethylbenzene</i>	SW846 8260 (511)	20	1						
242	<i>1,2-Dibromoethane</i>	SW846 8260 (511)	20	1						
243	<i>m+p-Xylenes</i>	SW846 8260 (511)	20	1						
244	<i>Methyl Ethyl Ketone</i>	SW846 8260 (511)	20	1						
245	<i>Methyl Isobutyl Ketone</i>	SW846 8260 (511)	20	1						
246	<i>MTBE</i>	SW846 8260 (511)	20	1						
247	<i>Methylene Chloride</i>	SW846 8260 (511)	20	1						
248	<i>n-Hexane</i>	SW846 8260 (511)	20	1						
249	<i>o-Xylene</i>	SW846 8260 (511)	20	1						
250	<i>Styrene</i>	SW846 8260 (511)	20	1						
251	<i>Tetrachloroethylene</i>	SW846 8260 (511)	20	1						
252	<i>Toluene</i>	SW846 8260 (511)	20	1						
253	<i>Trans-1,2-Dichloroethylene</i>	SW846 8260 (511)	20	1						
254	<i>Trans-1,3-Dichloropropene</i>	SW846 8260 (511)	20	1						
255	<i>Trichloroethylene</i>	SW846 8260 (511)	20	1						
256	<i>Trichlorofluoromethane</i>	SW846 8260 (511)	20	1						
257	<i>Vinyl chloride</i>	SW846 8260 (511)	20	1						
258	<i>Xylenes (Total)</i>	CALCULATION	20	1						
259	<i>1-Methylnaphthalene</i>	SW846 3510/8270	20	1						
260	<i>Fluorobiphenyl</i>	SW846 3510/8270	20	1						
261	<i>2-Methylnaphthalene</i>	SW846 3510/8270	20	1						
262	<i>Acenaphthalene</i>	SW846 3510/8270	20	1						
263	<i>d-10-Acenaphthylene</i>	SW846 3510/8270	20	1						
264	<i>Acenaphthene</i>	SW846 3510/8270	20	1						
265	<i>Anthracene</i>	SW846 3510/8270	20	1						
266	<i>Benzo(a)anthracene</i>	SW846 3510/8270	20	1						
267	<i>Benzo(a)pyrene</i>	SW846 3510/8270	20	1						
268	<i>Benzo(b)fluoranthene</i>	SW846 3510/8270	20	1						
269	<i>Benzo(g,h,i)perylene</i>	SW846 3510/8270	20	1						



270	Benzo(k)fluoranthene	SW846 3510/8270	20	1						
271	Chrysene	SW846 3510/8270	20	1						
272	D12-Chrysene	SW846 3510/8270	20	1						
273	Dibenzo(ah)anthracene	SW846 3510/8270	20	1						
274	Fluoranthene	SW846 3510/8270	20	1						
275	Fluorene	SW846 3510/8270	20	1						
276	Indeno(1,2,3-cd)pyrene	SW846 3510/8270	20	1						
277	Napthalene	SW846 3510/8270	20	1						
278	D8-Napthalene	SW846 3510/8270	20	1						
279	p-Terphenyl d14	SW846 3510/8270	20	1						
280	Phenanthrene	SW846 3510/8270	20	1						
281	D10-Phenanthrene	SW846 3510/8270	20	1						
282	Pyrene	SW846 3510/8270	20	1						
283	Total THMs	CALCULATION	20	1						
								Grand Total DD1:	Grand Total DD2:	Grand total DD3:
								\$	\$	\$

1.5 Period – Year 5

Item #	Requirement				Year 5 (12 months)					
	Analyte of Concern Air	Analytical Method Reference	Maximum Routine Annual Estimated Usage (A)	Maximum Urgent Annual Estimated Usage (B)	Media Preparation & Delivery Unit Price (C5)	Routine Analysis & Report Unit Price (D5)	Urgent Analysis & Report Unit Price (E5)	Media Preparation & delivery Total price F5 = A x C5	Routine Analysis & Report Total Price G5 = A x D5	Urgent Analysis & Report Total Price H5 = B x E5
<i>(These lab test must be capable of being done in compliance with both the Routine and Urgent timelines)</i>										
1	Cresol(all isomers) and Phenol	NIOSH 2546 or OSHA 32	40	2						
2	Methylene Chloride	NIOSH 1005	20	1						
3	Methylene Chloride	OSHA 80	20	1						
4	Ketone - Single Ketone Test (Base Price)	NIOSH1300	50	3						
5	Particulate Mercury	OSHA ID-145	5	0						
6	Mercury Vapour	NIOSH 6009	5	0						
7	Particulate not otherwise regulated - Respirable	NIOSH 0600	225	11						
8	Particulate not otherwise regulated - Total	NIOSH 0500	225	11						
9	Thorium & Uranium on filters	NIOSH 7300	14	1						
10	Silica, Crystalline – all types	NIOSH 7500	210	11						
11	Silica, Crystalline bulk – all types	NIOSH 7500	40	2						



12	VOCs individually qualified and quantified by open characterization	OSHA 7	350	18						
13	1,3-Butadiene	NIOSH 1024 or OSHA 56	4	0						
14	Sulfur Dioxide	NIOSH 6004	125	6						
15	Nitride Oxide and / or Nitrogen Dioxide	NIOSH 6014	125	6						
16	Elemental Carbon	NIOSH 5040	2	0						
17	Acetaldehyde (separate tubes)	OSHA 68 or EPA TO-11	6	0						
18	Formaldehyde (separate tubes)	OSHA 52	6	0						
19	Lead wipes	OSHA ID-125G	45	2						
20	Lead in Air	NIOSH 7300	70	4						
21	Beryllium(Be) Wipes	NIOSH 9100	90	5						
22	Particulate Matter (PM ₁₀ / PM _{2.5})	NIOSH 0600	300	15						
23	Lead and Copper in Air	NIOSH 7303 (Pb & Cu)	50	4						
24	Cyclonite (RDX) in Air	OSHA PV2135	25	3						
	Analyte of Concern Air	Analytical Method Reference								
25	PAH's /SVOCs	NIOSH 5506	260	17						
26	Metals – individual or scan	NIOSH 7300	60	3						
27	Asbestos bulk	NIOSH 9002 or EPA/600/R-93/116	25	1						
28	Total Fiber Analysis by PCM	NIOSH 7400	20	1						
29	Asbestos structures	D6480-05 (TEM)	150	0						
30	Asbestos Airborne by TEM	NIOSH 7402	90	6						
31	Asbestos Structures in DUST	ASTM D5755 in accordance with US EPA YAMATE level II or AHERA method	40	5						
32	Cyanide (Particulate phase)	NIOSH 7904	4	1						
33	Cyanide (Gaseous phase)	NIOSH 7904	4	1						
34	Nitroaromatic compounds	NIOSH 2005	4	1						
35	Total Hydrocarbon (reported as n-hexane)	NIOSH 1550	10	1						
36	Nitric Acid	NIOSH 7903	10	1						
37	Nitric oxide-NO	OSHA ID-190	10	1						
38	Nitrogen dioxide-NO2	OSHA ID-182	100	6						
39	Sulphur Dioxide-SO2	OSHA ID-200	100	6						
40	Aldehyde Scan - individually qualified and quantified	NIOSH 2539 or EPA-TO-11	2	0						



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41	Hydrogen Sulfide-H ₂ S	NIOSH 6013 or OSHA 1008	60	3						
42	Sulfuric Acid Mist	OSHA ID-113	60	3						
43	Vinylidene Chloride	NIOSH 1015	10	1						
44	Group A – Benzene, ethylbenzene, toluene, xylenes (BTEX)	NIOSH 1501 or OSHA 7	15	1						
45	NIOSH 1501, Group B – cumene, alpha-methylstyrene, styrene, p-tert-butyltoluene (also called 4-t-butyltoluene).	NIOSH 1501 or OSHA 7	10	1						
46	Naphtha (includes mixtures such as stoddard solvent, mineral spirits, kerosene, and total hydrocarbons).	NIOSH 1550	20	2						
47	Polychlorinated biphenyls (PCBs).	NIOSH 5503	2	0						
48	Organonitrogen pesticides	NIOSH 5601	5	0						
49	Isocyanates (monomers, such as MDI; HDI; 2,4-TDI; 2,6-TDI).	OSHA 42 or 47	20	1						
50	Isocyanates.	Iso-chek®	10	1						
51	Crushing of rock	CARB435	1	0						
52	Silica, bulk	Modified NIOSH 7500	5	0						
53	Dioxins and Furans	EPA TO-9 / EPA8290	115	6						
54	Mould-Viable	Genus/species Agar Method/	20	5						
55		Spore Trap	100	4						
56	Mould-Total	Genus-Spore Trap	150	20						
57	Endotoxins	Kinetic Chromogenic Method	2	0						
58	Hexavalent Chromium Cr(VI)	OSHA ID-215	25	5						
59	Metal Working Fluids	NIOSH 5524	20	5						
60	Diesel Particulate Matter	NIOSH 5040	20	5						
	Analyte of Concern Water	Analytical Method Reference								
61	PFA's	EPA 537.1/537 revised 1.1	10	1						
62	Color,,Apparent	APHA 2120	15	1						
63	Hardness (as CaCO3)	APHA 2340 B	15	1						
64	Total Dissolved Solids	APHA 2540C	15	1						
65	Bromate	EPA 6850	15	1						
66	Chlorate	EPA 300.1 Ion Chromatography	15	1						
67	Chloride(Cl)	EPA 300.1 (mod)	15	1						
68	Chlorite	EPA 300.1 Ion Chromatography	15	1						



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69	Fluoride (F)	EPA 300.1 (mod)	15	1						
70	Nitrate and Nitrite as N	APHA 4110B	15	1						
71	Nitrate (as N)	EPA 300.1 (mod)	15	1						
72	Nitrite (as N)	EPA300.1 (mod)	25	1						
73	Sulfate (SO4)	EPA 300.1 (mod)	15	1						
74	Sulphide (as S)	APHA 4500S2D	15	1						
75	Cyanide, Total	APHA 4500CN C E-Strong	15	1						
76		Acid Dist Colorim	15	1						
77	Chloramines	APHA 4500-CI B	15	1						
78	Chlorine, Free	SM 4500-CL G, EPA 330.5	15	1						
79	Chlorine, Total	APHA 4500- CL G	15	1						
80	Aluminum (Al)	EPA 6020A	15	1						
81	Antimony (Sb)	EPA 6020A	15	1						
82	Arsenic (As)	EPA 6020A	15	1						
83	Barium (Ba)	EPA 6020A	15	1						
84	Beryllium (Be)	EPA 6020A	15	1						
85	Bismuth (Bi)	EPA6020A	15	1						
86	Boron (B)	EPA 6020A	15	1						
87	Cadmium (Cd)	EPA 6020A	15	1						
88	Calcium (Ca)	EPA 6020A	15	1						
89	Chromium (Cr)	EPA 6020A	15	1						
90	Cobalt (Co)	EPA 6020A	15	1						
91	Copper (Cu)	EPA 6020A	15	1						
92	Iron (Fe)	EPA 6020A	15	1						
93	Lead (Pb)	EPA 6020A	15	1						
94	Lithium (Li)	EPA 6020A	15	1						
95	Magnesium (Mg)	EPA 6020A	15	1						
96	Manganese (Mn)	EPA 6020A	15	1						
97	Mercury	EPA 1631E (mod)	15	1						
98	Molybdenum (Mo)	EPA 6020A	15	1						
99	Nickel (Ni)	EPA 6020 A	15	1						
100	Phosphorus (P)	EPA 6020A	15	1						
101	Potassium (K)	EPA 6020A	15	1						
102	Selenium (Se)	EPA 6020A	15	1						
103	Silicon (Si)	EPA 6020A	15	1						
104	Silver (Ag)	EPA 6020A	15	1						
105	Sodium (Na)	EPA6020A	15	1						
106	Stronium (Sr)	EPA 6020A	15	1						
107	Thallium (Tl)	EPA 6020A	15	1						
108	Tin (Sn)	EPA 6020A	15	1						



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109	Titanium (Ti)	EPA 6020A	15	1						
110	Tungsten (W)	EPA 6020A	15	1						
111	Uranium (U)	EPA 6020A	15	1						
112	Vanadium (V)	EPA 6020A	25	1						
113	Zinc (Zn)	EPA 6020A	15	1						
114	Zirconium (Zr)	EPA 6020A	15	1						
115	1,1-dichloroethylene (vinylidene Chloride)	SW846 8260	15	1						
116	1,2-Dichlorobenzene	SW846 8260	15	1						
117	1,2-dichloroethane	SW846 8260	15	1						
118	1,4 Dichlorobenzene	SW846 8260	15	1						
119	1,4-Difluorobenzene	SW846 8260	15	1						
120	4-Bromofluorobenzene	SW846 8260	15	1						
121	Benzene	SW846 8260	15	1						
122	Carbon tetrachloride	SW846 8260	15	1						
123	Monochlorobenzene	SW846 8260	15	1						
124	Dichloromethane	SW846 8260	15	1						
125	Tetrachloroethylene (perchloroethylene)	Sw845 8260	15	1						
126	Trichloroethylene	SW846 8260	15	1						
127	Vinyl chloride	SW845 8260	15	1						
128	Xylenes (Total)	Calculation	15	1						
129	Total water Trihalomethanes	Calculation	15	1						
130	2-Bromobutanoic Acid	EPA 552.3	15	1						
131	Bromochloroacetic Acid	EPA 552.3	15	1						
132	Bromodichloroacetic Acid	EPA 552.3	15	1						
133	Chlorodibromoacetic Acid	EPA 552.3	15	1						
134	Dalapon	EPA 552.3	15	1						
135	Dibromoacetic Acid	EPA 552.3	15	1						
136	Dichloroacetic Acid	EPA 552.3	15	1						
137	Total Haloacetic Acids 5	Calculation	15	1						
138	Bromoacetic Acid	EPA 552.3	15	1						
139	Chloroacetic Acid	EPA 552.3	15	1						
140	Tribromoacetic Acid	EPA 552.3	15	1						
141	Trichloroacetic Acid	EPA 552.3	15	1						
142	Formaldehyde	EPA 556.1	15	1						
143	N-Nitrosodimethylamine	MOE E3291	15	1						
144	N-Nitrosodimethylamine-d6	MOE E3291	15	1						
145	2,4,5-T	SW846 8270	15	1						
146	2,4,5,-TP	SW846 8270	15	1						
147	2,4-D	SW846 8270	15	1						
148	2,4-D	SW846 8270	15	1						



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149	2,4-Dichlorophenylacetic Acid	SW846 8270	15	1						
150	Bromoxynil	SW846 8270	15	1						
151	Dicamba	SW846 8270	15	1						
152	Dinoseb	SW846 8270	15	1						
153	Glyphosate	MOE E3500	15	1						
154	MCPA	SW846 8270	15	1						
155	Mecoprop	SW846 8270	15	1						
156	Picloram	SW846 8270	15	1						
157	2,3,4,6-Tetrachlorophenol	SW846 8270	15	1						
158	2,4,6-Tribromophenol	Sw846 8270	15	1						
159	2,4,6-Trichlorophenol	SW846 8270	15	1						
160	2,4 Dichlorophenol	SW846 8270	15	1						
161	2-Fluorobiphenyl	SW846 8270	15	1						
162	Alachlor	SW846 8270	15	1						
163	Atrazine	SW846 8270	15	1						
164	Atrazine Desethyl	SW846 8270	15	1						
165	Atrazine & Metabolites	SW846 8270	15	1						
166	Azinphos-methyl	SW846 8270	15	1						
167	Benzo(a)pyrene	SW846 8270	15	1						
168	Carbaryl	SW846 8270	15	1						
169	Carbofuran	SW846 8270	15	1						
170	Chlorpyrifos	SW846 8270	15	1						
171	Diazinon	SW846 8270	15	1						
172	Diclofop-methyl	SW846 8270	15	1						
173	Dimethoate	SW846 8270	15	1						
174	Diquat	EPA 549.2 Modified	15	1						
175	Diuron	MOE PWAUH-E3436 (MOD)	15	1						
176	Malathion	SW845 8270	15	1						
177	Metolachlor	SW846 8270	15	1						
178	Metribuzin	SW846 8270	15	1						
179	Paraquat	EPA 549.2	15	1						
180	Pentachlorophenol	SW846 8270	15	1						
181	Phorate	SW846 8270	15	1						
182	Prometryne	SW846 8270	15	1						
183	Simazine	SW846 8270	15	1						
184	Terbufos	SW846 8270	15	1						
185	Triallate	SW846 8270	15	1						
186	Trifluralin	Sw846 8270	15	1						
187	Microcystin	ENVIROGIX QUANTIPLATE KIT	15	1						



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188		CAT.EP022	15	1						
189	Nitritriacetic Acid (NTA)	EPA 430.2	15	1						
190	Cross Alpha	EPA 900.0	15	1						
191	Gross Beta	EPA 900.0	15	1						
192	PFAS (USEPA)	EPA 533	15	1						
193	PFAS (USEPA)	EPA 537.1	15	1						
194	MTBE	EPA 8240B/60B	15	1						
195	Ethylbenzene	502-2	15	1						
196	Toluene	EPA 502.2	15	1						
	Analyte of Concern Soil	Analytical Method Reference								
197	Antimony (Sb)	EPA 200.2.6020A (mod)	20	1						
198	Arsenic (As)	EPA 200.2.6020A (mod)	20	1						
199	Barium (Ba)	EPA 200.2.6020A (mod)	20	1						
200	Beryllium (Be)	EPA 200.2.6020A (mod)	20	1						
201	Boron (B)	EPA 200.2.6020A (mod)	20	1						
202	Cadmium (Cd)	EPA 200.2.6020A (mod)	20	1						
203	Chromium (Cr0)	EPA 200.2.6020A (mod)	20	1						
204	Cobalt (Co)	EPA 200.2.6020A (mod)	20	1						
205	Copper (Cu)	EPA 200.2.6020A (mod)	20	1						
206	Lead (Pb)	EPA 200.2.6020A (mod)	20	1						
207	Molybdenum (Mo)	EPA 200.2.6020A (mod)	20	1						
208	Nickel (Ni)	EPA 200.2.6020A (mod)	20	1						
209	Selenium (Se)	EPA 200.2.6020A (mod)	20	1						
210	Silver (Ag)	EPA 200.2.6020A (mod)	20	1						
211	Thalium (Tl)	EPA 200.2.6020A (mod)	20	1						



212	Uranium (U)	EPA 200.2.6020A (mod)	20	1						
213	Vanadium (V)	EPA 200.2.6020A (mod)	20	1						
214	Zinc (Zn)	EPA 200.2.6020A (mod)	20	1						
215	1,1,1,2-Tetrachloroethane	SW846 8260 (511)	20	1						
216	1,1,1-Trichloroethane	SW846 8260 (511)	20	1						
217	1,1,2,2-Tetrachloroethane	SW846 8260 (511)	20	1						
218	1,1,2-Trichloroethane	SW846 8260 (511)	20	1						
219	1,1-Dichloroethane	SW846 8260 (511)	20	1						
220	1,1-Dichloroethylene	SW846 8260 (511)	20	1						
221	1,2-Dichlorobenzene	SW846 8260 (511)	20	1						
222	1,2-Dichloroethane	SW846 8260 (511)	20	1						
223	1,2-Dichloropropane	SW846 8260 (511)	20	1						
224	1,3-Dichlorobenzene	SW846 8260 (511)	20	1						
225	1,3-Dichloropropene (cis & Trans)	SW8260B/SW82 70C	20	1						
226	1,4-Dichlorobenzene	SW846 8260 (511)	20	1						
227	1,4-Difluorobenzene	SW846 8260 (511)	20	1						
228	4-Bromofluorobenzene	SW846 8260 (511)	20	1						
229	Acetone	SW846 8260 (511)	20	1						
230	Benzene	SW846 8260 (511)	20	1						
231	Bromodichloromethane	SW846 8260 (511)	20	1						
232	Bromoform	SW846 8260 (511)	20	1						
233	Bromomethane	SW846 8260 (511)	20	1						
234	Carbom tetrachloride	SW846 8260 (511)	20	1						
235	Chlorobenzene	SW846 8260 (511)	20	1						
236	Dibromochloromethane	SW846 8260 (511)	20	1						
237	Chloroform	SW846 8260 (511)	20	1						
238	Cis-1,2-Dichloroethylene	SW846 8260 (511)	20	1						
239	Cis-1,3-Dichloropropene	SW846 8260 (511)	20	1						



240	Dichlorodifluoromethane	SW846 8260 (511)	20	1						
241	Ethylbenzene	SW846 8260 (511)	20	1						
242	1,2-Dibromoethane	SW846 8260 (511)	20	1						
243	m+p-Xylenes	SW846 8260 (511)	20	1						
244	Methyl Ethyl Ketone	SW846 8260 (511)	20	1						
245	Methyl Isobutyl Ketone	SW846 8260 (511)	20	1						
246	MTBE	SW846 8260 (511)	20	1						
247	Methylene Chloride	SW846 8260 (511)	20	1						
248	n-Hexane	SW846 8260 (511)	20	1						
249	o-Xylene	SW846 8260 (511)	20	1						
250	Styrene	SW846 8260 (511)	20	1						
251	Tetrachloroethylene	SW846 8260 (511)	20	1						
252	Toluene	SW846 8260 (511)	20	1						
253	Trans-1,2-Dichloroethylene	SW846 8260 (511)	20	1						
254	Trans-1,3-Dichloropropene	SW846 8260 (511)	20	1						
255	Trichloroethylene	SW846 8260 (511)	20	1						
256	Trichlorofluoromethane	SW846 8260 (511)	20	1						
257	Vinyl chloride	SW846 8260 (511)	20	1						
258	Xylenes (Total)	CALCULATION	20	1						
259	1- Methylanthalene	SW846 3510/8270	20	1						
260	Fluorobiphenyl	SW846 3510/8270	20	1						
261	2-Methylanthalene	SW846 3510/8270	20	1						
262	Acenaphthalene	SW846 3510/8270	20	1						
263	d-10-Acenaphthylene	SW846 3510/8270	20	1						
264	Acenaphthene	SW846 3510/8270	20	1						
265	Anthracene	SW846 3510/8270	20	1						
266	Benzo(a)anthracene	SW846 3510/8270	20	1						
267	Benzo(a)pyrene	SW846 3510/8270	20	1						
268	Benzo(b)fluoranthene	SW846 3510/8270	20	1						
269	Benzo(g,h,i)perylene	SW846 3510/8270	20	1						
270	Benzo(k)fluoranthene	SW846 3510/8270	20	1						



271	Chrysene	SW846 3510/8270	20	1						
272	D12-Chrysene	SW846 3510/8270	20	1						
273	Dibenzo(ah)anthracene	SW846 3510/8270	20	1						
274	Fluoranthene	SW846 3510/8270	20	1						
275	Fluorene	SW846 3510/8270	20	1						
276	Indeno(1,2,3-cd)pyrene	SW846 3510/8270	20	1						
277	Napthalene	SW846 3510/8270	20	1						
278	D8-Naphthalene	SW846 3510/8270	20	1						
279	p-Terphenyl d14	SW846 3510/8270	20	1						
280	Phenanthrene	SW846 3510/8270	20	1						
281	D10-Phenanthrene	SW846 3510/8270	20	1						
282	Pyrene	SW846 3510/8270	20	1						
283	Total THMs	CALCULATION	20	1						
								Grand Total EE1: \$	Grand Total EE2: \$	Grand total EE3: \$

***All prices are in Canadian dollars and include all related fees and costs. No additional costs will be considered.**

- (AA1 is the cumulative total of all costs in column F1)
- (AA2 is the cumulative total of all costs in column G1)
- (AA3 is the cumulative total of all costs in column H1)
- (BB1 is the cumulative total of all costs in column F2)
- (BB2 is the cumulative total of all costs in column G2)
- (BB3 is the cumulative total of all costs in column H2)
- (CC1 is the cumulative total of all costs in column F3)
- (CC2 is the cumulative total of all costs in column G3)
- (CC3 is the cumulative total of all costs in column H3)
- (DD1 is the cumulative total of all costs in column F4)
- (DD2 is the cumulative total of all costs in column G4)
- (DD3 is the cumulative total of all costs in column H4)
- (EE1 is the cumulative total of all costs in column F5)
- (EE2 is the cumulative total of all costs in column G5)
- (EE3 is the cumulative total of all costs in column H5)

Total Evaluated Cost (for bid evaluation purposes) (AA1 to EE3 are the cumulative totals of their columns in Canadian Dollars)		
Total Evaluated Cost	\$	(AA1+AA2+AA3+BB1+BB2+BB3+CC1+CC2+CC3+DD1+DD2+DD3+EE1+EE2+EE3)



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ATTACHMENT 2 TO PART 3 - ELECTRONIC PAYMENT INSTRUMENTS

A. The Bidder accepts to be paid by any of the following Electronic Payment Instrument(s):

() Direct Deposit (Domestic and International); and

() Wire Transfer (International Only);



PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- A. Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- B. An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

- A. Mandatory technical evaluation criteria are included in Attachment 1 to Part 4, Evaluation Criteria.

4.1.2 Financial Evaluation

- A. The price of the bid will be evaluated as follows:
 - (i) Canadian-based bidders must submit firm prices, Canadian customs duties and excise taxes included, and Applicable Taxes excluded; and
 - (ii) Foreign-based bidders must submit firm prices, Canadian customs duties, excise taxes and Applicable Taxes excluded. Canadian customs duties and excise taxes payable by Canada will be added, for evaluation purposes only, to the prices submitted by foreign-based bidders.
- B. Unless the bid solicitation specifically requires bids to be submitted in Canadian currency, bids submitted in foreign currency will be converted to Canadian currency for evaluation purposes. The rate given by the Bank of Canada in effect on the bid solicitation closing date, or on another date specified in the bid solicitation, will be applied as a conversion factor to the bids submitted in foreign currency.
- C. Although Canada reserves the right to award the Contract either on an FOB plant or FOB destination, Canada requests that bidders provide prices FOB their plant or shipping point and FOB destination. Bids will be assessed on an FOB destination basis.
- D. For the purpose of the bid solicitation, bidders with an address in Canada are considered Canadian-based bidders and bidders with an address outside of Canada are considered foreign-based bidders.

4.2 Basis of Selection - Lowest Evaluated Price, Mandatory Criteria, Minimum Point Rating

- A. To be declared responsive, a bid must:
 - (i) Comply with all the requirements of the bid solicitation; and
 - (ii) Meet all mandatory technical evaluation criteria; and
 - (iii) Obtain the required minimum points for the technical evaluation criteria which are subject to point rating.
- B. Bids not meeting (i) or (ii) or (iii) will be declared non-responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.
- C. Should two (2) or more responsive bids achieve an identical lowest evaluated price, the bid received first based on the date and time stamp will be recommended for award of a contract.



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- D. Vendors must be capable of completing all tests listed in the Pricing Schedule. A financial bid must be submitted for each test to be considered compliant.



ATTACHMENT 1 TO PART 4 - EVALUATION CRITERIA

1. EVALUATION CRITERIA

- A. For the purpose of this document, the term “bidder” includes **any sub-Contractor hired** by the laboratory submitting this proposal for the purpose of performing tasks described in the SOW. The proposal must demonstrate that all mandatory and rated requirements and qualifications are met by the sub-Contractor(s).
- B. The following mandatory technical criteria must be demonstrated with supporting documentation and/or certifications which must be provided with the Bidder’s response at the time of bid submission. Failure to submit supporting documentation that clearly demonstrates the mandatory technical criteria listed below, may render the bid non-compliant and will not be given further consideration. Any information proposed as options or additions to the work will NOT be evaluated.

1.1 MANDATORY CRITERIA

	REQUIREMENT	NOTES (MANDATORY & MUST BE LEGIBLE): 1. Cross-reference to proposal (page, section, para)
M1	The bidder must hold a valid American Industrial Hygiene Association (AIHA or equivalent) accreditation and must provide a copy of the above accreditation for each accredited laboratory with the proposal.	
M2	The bidder must hold AIHA accreditation for the Industrial Hygiene Accreditation Program (IHLAP or equivalent) and must provide a copy of the above accreditation for each accredited laboratory with the proposal.	
M3	<p>The bidder must provide deliverables within the defined timelines, as listed below:</p> <p><u>Media:</u></p> <ul style="list-style-type: none"> – Urgent: Within 72 hours of receipt of Task Authorization; and – Routine: Within 5 working days of receipt of Task Authorization <p><u>Data Reports:</u></p> <ul style="list-style-type: none"> – Urgent: Within 5 working days of sample receipt – Routine: Within 10 working days of sample receipt <p>An attestation signed by the company representative must be provided in their proposal to confirm the timelines above can be met.</p>	
M4	The bidder must hold the following accreditations:	



	<p>a) For water, the bidder must hold a valid Canadian Association for Laboratory Accreditation (CALA) or Standards Council of Canada (SCC) license with accreditation in accordance with ISO Standard 17025</p> <p>b) For Soil, the laboratory must hold valid CALA Accreditation in accordance with ISO Standard 17025 or. CSA Z.753.</p> <p>The bidder must provide copies of the accreditations with their proposal.</p>	
M5	<p>The bidder must hold a current Canadian Food Inspection Agency (CFIA) Soil import permit with exporter designation for All Countries.</p> <p>The bidder must provide a copy of the permit with their proposal.</p>	
M6	<p>The bidder must hold ISO/IEC 17025 accreditation.</p> <p>The bidder must provide a copy of the accreditation with the proposal.</p>	

RATED CRITERIA

Table 1 – Point Allocation

The rated requirements are listed in Table 1. The bidder must achieve a minimum score of 42, 8 and 12 for tables 2, 3, 4 respectively. Tables 2, 3 and 4 highlight the number of points that will be allocated on each rated requirement as determined by the scores obtained by the bidder during its last four (4) rounds of testing with IHPAT, BAPAT, ELPAT, or other equivalent QA/QC programs acceptable to the contract T/A) and Technical Client Services.

EVALUATION CRITERIA	Maximum Points per sub-criteria	Minimum Acceptable
<u>Proficiency Testing</u>		
IHPAT (Table 2)	48	42
BAPAT (Table 3)	10	8
ELPAT (Table 4)	16	12
TOTAL Points	74	62

Table 2 – IHPAT/ Testing (Maximum Points = 48)

The bidder must submit AIHA proficiency reports for each of their last four (4) rounds of testing for Metals, Organic Solvents, Silica and Asbestos fibers in air samples, as part of the AIHA Industrial Hygiene Proficiency Analytical Testing (IHPAT) program.



#	REQUIREMENT	SCORING GUIDELINES	MAX POINTS	SCORE	JUSTIFICATION
Table 2 – IHPAT/ Testing					
RA1	Metals – Number of rounds passed	1 round of testing = 3 points 2 rounds of testing = 6 points 3 rounds of testing = 9 points 4 rounds of testing = 12 points	12		
RA2	Solvents – number of rounds passed	1 round of testing = 3 points 2 rounds of testing = 6 points 3 rounds of testing = 9 points 4 rounds of testing = 12 points	12		
RA3	Silica – number of rounds passed	1 round of testing = 3 points 2 rounds of testing = 6 points 3 rounds of testing = 9 points 4 rounds of testing = 12 points	12		
RA4	Asbestos – number of rounds passed	1 round of testing = 3 points 2 rounds of testing = 6 points 3 rounds of testing = 9 points 4 rounds of testing = 12 points	12		
IHPAT/ Testing Total Score:					
Total Score Table 2					
Total Score Table 2		Minimum Passing Score: 42	Maximum Score: 48		

Table 3 BAPAT Testing (Max Points = 10)

The bidder* must submit AIHA proficiency reports for the last four (4) rounds of testing for Asbestos in bulk samples, as part of the AIHA Bulk Asbestos Proficiency Analytical Testing ([BAPAT](#)) program.

#	REQUIREMENT	SCORING GUIDELINES	MAX POINTS	SCORE	JUSTIFICATION
Table 3 – BAPAT/ Testing					



#	REQUIREMENT	SCORING GUIDELINES	MAX POINTS	SCORE	JUSTIFICATION
RA6	BAPAT – number of rounds passed	1-2 round of testing = 0 points 3 rounds of testing = 8 points 4 rounds of testing = 10 points	10		
BAPAT/ Testing Total Score:					
Total Score Table 3					
Total Score Table 3		Minimum Passing Score: 8	Maximum Score: 10		

Table 4 ELPAT Testing (Max Points = 16)

The bidder* must submit AIHA proficiency reports for the last four (4) rounds of testing for both Lead in air and in wipes, as part of the AIHA Environmental Lead Proficiency Analytical Testing (ELPAT) Program.

#	REQUIREMENT	SCORING GUIDELINES	MAX POINTS	SCORE	JUSTIFICATION
Table 4 – ELPAT/ Testing					
RA7	Lead Wipes – Number of rounds passed	1-2 round of testing = 0 points 3 rounds of testing = 6 points 4 rounds of testing = 8 points	8		
RA8	Lead in air – number of rounds passed	1-2 round of testing = 0 points 3 rounds of testing = 6 points 4 rounds of testing = 8 points	8		
ELPAT/ Testing Total Score:					
Total Score Table 4					
Total Score Table 4		Minimum Passing Score: 12	Maximum Score: 16		



PART 5 - CERTIFICATIONS AND ADDITIONAL INFORMATION

- A. Bidders must provide the required certifications and additional information to be awarded a contract.
- B. The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a Contractor in default if any certification made by the Bidder is found to be untrue, whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.
- C. The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Required with the Bid

- A. Bidders must submit the following duly completed certifications as part of their bid.

5.1.1 Integrity Provisions - Declaration of Convicted Offences

- A. In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the Integrity declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

5.2 Certifications Precedent to Contract Award and Additional Information

- A. The certifications and additional information listed below should be submitted with the bid but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame specified will render the bid non-responsive.

5.2.1 Integrity Provisions - Required Documentation

- A. In accordance with the section titled "Information to be provided when bidding, contracting, or entering into a real procurement agreement" of the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.3 Federal Contractors Program for Employment Equity - Bid Certification

- A. By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/canada/esdc/labour/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).
- B. Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.



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- C. Canada will also have the right to terminate the Contract for default if a Contractor, or any member of the Contractor if the Contractor is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list during the period of the Contract.
- D. The Bidder must provide the Contracting Authority with a completed Attachment 1 to Part 5, Federal Contractors Program for Employment Equity - Certification, before contract award. If the Bidder is a Joint Venture, the Bidder must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification, for each member of the Joint Venture.

**ATTACHMENT 1 TO PART 5 - FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY - CERTIFICATION**

I, the Bidder, by submitting the present information to the Contracting Authority, certify that the information provided is true as of the date indicated below. The certifications provided to Canada are subject to verification at all times. I understand that Canada will declare a bid non-responsive, or will declare a Contractor in default, if a certification is found to be untrue, whether during the bid evaluation period or during the contract period. Canada will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply with any request or requirement imposed by Canada may render the bid non-responsive or constitute a default under the Contract.

For further information on the Federal Contractors Program for Employment Equity visit [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html>).

Date: _____ (YYYY/MM/DD)

(If left blank, the date will be deemed to be the bid solicitation closing date.)

Complete both A and B.

A. Check only one of the following:

- A1. The Bidder certifies having no work force in Canada.
- A2. The Bidder certifies being a public sector employer.
- A3. The Bidder certifies being a federally regulated employer (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/regulated-industries.html>) being subject to the Employment Equity Act (<http://laws-lois.justice.gc.ca/eng/acts/E-5.401/>).
- A4. The Bidder certifies having a combined work force in Canada of less than 100 permanent full-time and/or permanent part-time employees.
- A5. The Bidder has a combined workforce in Canada of 100 or more employees, and
 - A5.1 The Bidder certifies already having a valid and current Agreement to Implement Employment Equity (LAB1168) (AIEE) (<http://www.servicecanada.gc.ca/cgi-bin/search/eforms/index.cgi?app=prfl&frm=lab1168&ln=eng>) in place with ESDC-Labour.

OR

- A5.2 The Bidder certifies having submitted the AIEE (LAB1168) to ESDC-Labour. As this is a condition to contract award, proceed to completing the form AIEE (LAB1168), duly signing it, and transmit it to ESDC-Labour.

B. Check only one of the following:

- B1. The Bidder is not a Joint Venture.

OR



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K1A 0K2

- () B2. The Bidder is a Joint venture and each member of the Joint Venture must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification (refer to the Joint Venture section of the Standard Instructions).



PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

ARTICLES OF AGREEMENT

6.1 Security Requirements

A. There is no security requirement applicable to the Contract.

6.2 Statement of Work

A. The Contractor must perform the Work in accordance with the Statement of Work at Annex A.

6.2.1 Task Authorization

A. The Work or a portion of the Work to be performed under the Contract will be on an "as-and-when requested basis" using a Task Authorization. The Work described in the TA must be in accordance with the scope of the Contract.

6.2.1.1 Task Authorization Process

A.. The Task Authorization Process is as follows:

- (i) The Technical Authority will provide the Contractor with a description of the task using the DND 626, Task Authorization Form specified in Annex C;
- (ii) The Task Authorization will contain the details of the activities to be performed, a description of the deliverables, and a schedule indicating completion dates for the major activities or submission dates for the deliverables. The Task Authorization will also include the applicable basis(bases) and methods of payment as specified in the Contract;
- (iii) The Contractor must provide the Technical Authority, within 2 calendar days of its receipt, the proposed total estimated cost for performing the task and a breakdown of that cost, established in accordance with the Basis of Payment specified in the Contract; and
- (iv) The Contractor must not commence work until a TA authorized by the Technical Authority has been received by the Contractor. The Contractor acknowledges that any work performed before a Task Authorization has been received will be done at the Contractor's own risk.

6.2.1.2 Task Authorization Limit

- A. The Technical Authority may authorize individual task authorizations up to a limit of \$25,000, Applicable Taxes included, inclusive of any revisions.
- B. Any Task Authorization to be issued in excess of that limit must be authorized by the Contracting Authority before issuance.

6.2.1.3 Minimum Work Guarantee - All the Work - Task Authorizations

- A. In this clause:
 - (i) "Maximum Contract Value" means the amount specified in the "Limitation of Expenditure" clause set out in the Contract; and



- (ii) "Minimum Contract Value" means \$0.00.
- B. Canada's obligation under the Contract is to request Work in the amount of the Minimum Contract Value or, at Canada's option, to pay the Contractor at the end of the Contract in accordance with paragraph C. In consideration of such obligation, the Contractor agrees to stand in readiness throughout the Contract period to perform the Work described in the Contract. Canada's maximum liability for work performed under the Contract must not exceed the Maximum Contract Value, unless an increase is authorized in writing by the Contracting Authority.
- C. In the event that Canada does not request work in the amount of the Minimum Contract Value during the period of the Contract, Canada must pay the Contractor the difference between the Minimum Contract Value and the total cost of the Work requested.
- D. Canada will have no obligation to the Contractor under this clause if Canada terminates the Contract in whole or in part for default.

6.2.1.4 Periodic Usage Reports - Contracts with Task Authorizations

- A. The Contractor must compile and maintain records on its provision of services to the federal government under authorized Task Authorizations issued under the Contract.
- B. The Contractor must provide this data in accordance with the reporting requirements detailed below. If some data is not available, the reason must be indicated. If services are not provided during a given period, the Contractor must still provide a "nil" report. The data must be submitted on a quarterly basis to the Contracting Authority.

The quarterly periods are defined as follows:

- 1st quarter: April 1 to June 30;
- 2nd quarter: July 1 to September 30;
- 3rd quarter: October 1 to December 31; and
- 4th quarter: January 1 to March 31.

The data must be submitted to the Contracting Authority no later than 30 calendar days after the end of the reporting period.

6.2.1.5 Task Authorization - Department of National Defence

- A. The administration of the Task Authorization process will be carried out by the Department of Defence Force Health Protection group. This process includes monitoring, controlling and reporting on expenditures of the contract with Task Authorizations to the Contracting Authority.

6.3 Standard Clauses and Conditions

- A. All clauses and conditions identified in the Contract by number, date and title are set out in the [Standard Acquisition Clauses and Conditions \(SACC\) Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

6.3.1 General Conditions



A. 2010C (2022-12-01), General Conditions - Services (Medium Complexity), apply to and form part of the Contract, with the following modification:

(i) Article 01, Interpretation, "Canada", "Crown", "His Majesty" or "the Government", is deleted in its entirety and replaced with the following:

"Canada", "Crown", "His Majesty" or "the Government"
means His Majesty the King in right of Canada as represented by the Minister of National Defence and any other person duly authorized to act on behalf of that minister or, if applicable, an appropriate minister to whom the Minister of National Defence has delegated his or her powers, duties or functions and any other person duly authorized to act on behalf of that minister.

6.4 Term of Contract

6.4.1 Period of the Contract

A. The period of the Contract is from date of Contract to five (5) years later inclusive.

6.4.5 Delivery Points

A. Delivery of the requirement will be made to delivery point(s) specified at Annex A of the Contract.

6.5 Authorities

6.5.1 Contracting Authority

Contact information to be detailed in the resulting contract

A. The Contracting Authority for the Contract is:

Name:
Title:
Organization:
Address:
Telephone:
E-mail:

B. The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

6.5.2 Technical Authority

A. The Technical Authority for the Contract is:

Contact information to be detailed in the resulting contract

Name: _____
Title: _____
Organization: _____
Address: Department of National Defence (DND)
101 Colonel By Drive
Ottawa ON K1A 0K2



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Défense nationale

National Defence Headquarters
Ottawa, Ontario
K1A 0K2

Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

Telephone: _____

E-mail: _____

- B. The Technical Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Technical Authority; however, the Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.5.3 Contractor's Representative

Contact information to be detailed in the resulting contract

Name: _____

Title: _____

Address: _____

Telephone: _____

E-mail: _____

6.6 Proactive Disclosure of Contracts with Former Public Servants

- A. By providing information on its status, with respect to being a former public servant in receipt of a [Public Service Superannuation Act](#) (PSSA) pension, the Contractor has agreed that this information will be reported on departmental websites as part of the published proactive disclosure reports, in accordance with [Contracting Policy Notice: 2019-01](#) of the Treasury Board Secretariat of Canada.

6.7 Payment

6.7.1 Basis of Payment – Firm Unit Prices – Task Authorizations

- A. In consideration of the Contractor satisfactorily completing all of its obligations under the authorized Task Authorization (TA), the Contractor will be paid the firm lot price(s) in accordance with the basis of payment, in Annex B as specified in the authorized TA. Customs duties are included Applicable Taxes are extra.
- B. Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been authorized, in writing, by the Contracting Authority before their incorporation into the Work.

6.7.2 Limitation of Expenditure - Cumulative Total of all Task Authorizations

- A. Canada's total liability to the Contractor under the Contract for all authorized Task Authorizations, inclusive of any revisions, must not exceed the sum of \$**amount to be detailed in the resulting contract**. Customs duties are included and Applicable Taxes are extra.
- B. No increase in the total liability of Canada will be authorized or paid to the Contractor unless an increase has been approved, in writing, by the Contracting Authority.
- C. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:
 - (i) when it is 75 percent committed; or



- (ii) four (4) months before the contract expiry date; or
- (iii) as soon as the Contractor considers that the sum is inadequate for the completion of the Work required in all authorized Task Authorizations, inclusive of any revisions;

whichever comes first.

D. If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority, a written estimate for the additional funds required. Provision of such information by the Contractor does not increase Canada's liability.

6.7.3 Method of Payment – Single Payment

A. Canada will pay the Contractor upon completion and delivery of the Work in accordance with the payment provisions of the Contract if:

- (i) an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- (ii) all such documents have been verified by Canada;
- (iii) the Work delivered has been accepted by Canada.

6.7.4 Payment

6.7.4.1 Taxes – Foreign-based Contractor

- A. Unless specified otherwise in the Contract, the price includes no amount for any federal excise tax, state or local sales or use tax, or any other tax of a similar nature, or any Canadian tax whatsoever. The price, however, includes all other taxes. If the Work is normally subject to federal excise tax, Canada will, upon request, provide the Contractor a certificate of exemption from such federal excise tax in the form prescribed by the federal regulations.
- B. Canada will provide the Contractor evidence of export that may be requested by the tax authorities. If, as a result of Canada's failure to do so, the Contractor has to pay federal excise tax, Canada will reimburse the Contractor if the Contractor takes such steps as Canada may require to recover any payment made by the Contractor. The Contractor must refund to Canada any amount so recovered.

6.7.5 Electronic Payment of Invoices - Contract

A. The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

List to be updated in the resulting contract

- (i) Direct Deposit (Domestic and International); and
- (ii) Wire Transfer (International Only).

6.8 Invoicing Instructions

- A. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
- B. Each invoice must be supported by:



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Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

- (i) A description of the Work delivered; and
- (ii) A breakdown of the cost elements.

C. Invoices must be distributed as follows:

- (i) The original and one (1) copy must be forwarded to the following address for certification and payment:

National Defence Headquarters (NDHQ)
Department of National Defence (DND)
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
c/o: [organization to be detailed in the resulting contract]
attn: [name to be detailed in the resulting contract]

- (ii) one (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

6.9 Certifications and Additional Information

6.9.1 Compliance

A. Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

6.9.2 Federal Contractors Program for Employment Equity - Default by the Contractor

A. The Contractor understands and agrees that, when an Agreement to Implement Employment Equity (AIEE) exists between the Contractor and Employment and Social Development Canada (ESDC)-Labour, the AIEE must remain valid during the entire period of the Contract. If the AIEE becomes invalid, the name of the Contractor will be added to the "[FCP Limited Eligibility to Bid](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#s4)" (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#s4>) list. The imposition of such a sanction by ESDC will constitute the Contractor in default as per the terms of the Contract.

6.9.3 Certifications - Contract

A. Compliance with the certifications provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification or it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

6.10 Applicable Laws

A. The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario. [or as specified by the bidder in its bid, if applicable].

6.11 Priority of Documents



- A. If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list:
 - (i) The Articles of Agreement;
 - (ii) The General Conditions 2010C (2022-12-01), General Conditions - Services (Medium Complexity);
 - (iii) Annex A - Statement of Work;
 - (iv) Annex B - Basis of Payment;
 - (v) The signed Task Authorizations (including all of its annexes, if any); and
 - (vi) the Contractor's bid dated [date to be specified in the resulting contract], as clarified on [date to be specified in the resulting contract, if required], and as amended on [date to be specified in the resulting contract, if required].

6.12 Defence Contract

- A. The Contract is a defence contract within the meaning of the *Defence Production Act*, R.S.C. 1985, c. D-1 (<http://laws-lois.justice.gc.ca/eng/acts/d-1/>), and must be governed accordingly.
- B. Title to the Work or to any materials, parts, work-in-process or finished work must belong to Canada free and clear of all claims, liens, attachments, charges or encumbrances. Canada is entitled, at any time, to remove, sell or dispose of the Work or any part of the Work in accordance with section 20 of the *Defence Production Act*.

One (1) of the following two (2) options will be inserted in the resulting contract, as applicable:

Option 1: A2000C (2006-06-16) when the contract is to be with a Canadian-based supplier; or

6.13 Foreign Nationals (Canadian Contractor)

- A. The Contractor must comply with Canadian immigration requirements applicable to foreign nationals entering Canada to work temporarily in fulfillment of the Contract. If the Contractor wishes to hire a foreign national to work in Canada to fulfill the Contract, the Contractor should immediately contact the nearest Service Canada regional office to enquire about Citizenship and Immigration Canada's requirements to issue a temporary work permit to a foreign national. The Contractor is responsible for all costs incurred as a result of non-compliance with immigration requirements.

Option 2: A2001C (2006-06-16) when the contract is to be with a foreign-based supplier.

6.13 Foreign Nationals (Foreign Contractor)

- A. The Contractor must comply with Canadian immigration legislation applicable to foreign nationals entering Canada to work temporarily in fulfillment of the Contract. If the Contractor wishes to hire a foreign national to work in Canada to fulfill the Contract, the Contractor should immediately contact the nearest Canadian Embassy, Consulate or High Commission in the Contractor's country to obtain instructions, information on Citizenship and Immigration Canada's requirements and any required documents. The Contractor is responsible to ensure that foreign nationals have the required information, documents and authorizations before performing any work under the Contract in Canada. The Contractor is responsible for all costs incurred as a result of non-compliance with immigration requirements.



National Defence

Défense nationale

National Defence Headquarters
Ottawa, Ontario
K1A 0K2

Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

6.14 Insurance

- A. The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

6.15 Dispute Resolution

- (a) The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- (b) The parties agree to consult and co-operate with each other in the furtherance of the contract and promptly notify the other party or parties and attempt to resolve problems or differences that may arise.
- (c) If the parties cannot resolve a dispute through consultation and cooperation, the parties agree to consult a neutral third party offering alternative dispute resolution services to attempt to address the dispute.
- (d) Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "[Dispute Resolution](#)".

6.16 Shipping Instructions

- A. Goods must be consigned to the destination specified in the Contract and delivered:
- a. Delivered Duty Paid (DDP) (location to be listed in the Task Authorisation from list in Annex D) Incoterms 2010 for shipments from a commercial Contractor.

**ANNEX A – STATEMENT OF WORK****ENVIRONMENTAL TESTING LAB SERVICES****1. PURPOSE**

The Director Force Health Protection (D FHP) has requirement for laboratory analytical services related to the occupational and environmental testing on an as needed basis.

2. BACKGROUND

Individual health, operational readiness, and mission success require that Environmental and Industrial Health Hazards (EIHH) and Public Health Concerns (PHC) be thoroughly assessed and that the health risks they pose be adequately mitigated or eliminated. This need to accurately characterize both EIHH and PHC in military operational environments was identified in the Croatia Board of Inquiry and the Thomas Report, which emphasized a requirement to routinely identify, characterize and predict health risks from EIHH and PHC on deployed/domestic operations. This requirement is formally promulgated through DCDS Directives for International Operations.

The Canadian Armed Forces Health Services will therefore identify, quantify, situate and document all worksite and work process hazards with the purpose of reducing, limiting, and/or otherwise protecting against exposure from those agents in the workplace by means of mitigation measures. Therefore, as part of ongoing Force Health Protection measures, Health Hazards Assessments (HHA)/Environmental Health Site Assessments (EHSA) and Industrial Hygiene/Public Health investigations will be conducted at locations occupied by Canadian Armed Forces (CAF) personnel deployed on operations (international and domestic).

3. SCOPE

As and when requested the Contractor must provide accredited laboratory services, including the supply and shipping of testing media for samples collection, the performance of testing of environmental samples collected by the CAF, the analysis of the collected samples and the delivery of final reports.

4. ACRONYMS/DEFINITIONS

AIHA - American Industrial Hygiene Association
APHA- Standard Methods for the Examination of Water and Wastewater
BA – Bulk Asbestos
BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
CAF – Canadian Armed Forces
CALA- Canadian Association for Laboratory Accreditation
CFIA- Canadian Food Inspection Agency
CRMs- Certified Reference Materials
CSA- Canadian Standards Association
D FHP - Director Force Health Protection
DND - Department of National Defence
EL – Environmental Lead
EM – Environmental Microbiology
EPA - Environmental Protection Agency
HDI - Hexamethylene Diisocyanate
ICP-MS - Inductively Coupled Plasma-Mass Spectrometry
ISO- International Standards Organization
IH - Industrial Hygiene



L - Litre

LOD - Limit of Detection

MDI - Methylene Diphenyl Diisocyanate

mg/m³ - Milligram per meter cube

mm - Millimetre

NIOSH - National Institute for Occupational Safety and Health

NO₂ - Nitrogen Dioxide

NO - Nitric Oxide

OSHA - Occupational Safety and Health Administration

PAHs - Polycyclic Aromatic Hydrocarbons

PAT - Proficiency Analytical Testing

PCM – Phase Contrast Microscopy

pg - Pico-gram

PM 10 or 2.5 - Particle Matter

QA - Quality Assurance

QC - Quality Control

SCC- Standards Council of Canada

SO₂ - Sulfur Dioxide

SOW - Statement of Work

Std Methods- Standard Methods of accepted Drinking Water methods -20th & 21st Ed

TDI - Toluene Diisocyanate

TEM - Transmission Electron Microscopy

µg - Micro-gram

VOCs - Volatile Organic Compounds

5. ACCREDITATION REQUIREMENTS

All of the Contractors laboratories and subContractor's laboratories must be accredited to the ISO/IEC 17025 "General Requirements <https://www.iso.org/standard/66912.html> for the Competence of Testing and Calibration Laboratories" by:

- 5.1 The Standards Council of Canada (SCC) under the Program for Accreditation of Laboratories (PALCAN), in conformity with CAN-P-4D ;<https://www.scc.ca/en/agl-palcan>
- 5.2 The Canadian Association for Laboratory Accreditation (CALA; <https://www.cala.ca/> or another program of Canada, United States of America (i.e. American Industrial Hygiene Association (AIHA) Laboratory Accreditation program) , or Europe, that can be demonstrated by the Offeror to be similar. In addition, all laboratories and subContractor's laboratories must be recognized in a proficiency analytical testing <https://www.aihapat.org/> (PAT) program for the analyte(s) concerned, if available (e .g., Canadian, United States, or European program).
- 5.3 For Dioxins and Furans, the laboratory performing the analysis must hold a valid and current National Environmental Laboratory Accreditation Conference (NELAC) or National Environmental laboratory Accreditation program (NELAP) certificate. <https://nelac-institute.org/content/NELAP/accred-bodies.php>
 - 5.3.1 For Water, the laboratory performing analysis must hold a valid CALA or SCC license.
 - 5.3.2 For Soil, the laboratory must hold valid CALA Accreditation. Laboratories must also hold a current CFIA Soil import permit with exporter designation for All Countries. A copy of the Accreditation Certificate/Soil import permit must be provided for record keeping. The laboratories must maintain those Accreditations and permits for the duration of the contract.

6. COMPETENCY REQUIREMENT



6.1 The Contractor and/or subContractor must participate in all the Industrial Hygiene (IH) Proficiency Analytical Testing (PAT) categories:

IH Program PATs:

- Metals
- Solvents
- Crystalline silica
- Asbestos/fibers

6.2 The Contractor and/or subContractor must participate in the following Environmental Lead Proficiency Analytical Testing Program (ELPAT):

<https://www.aihapat.org/programs/environmental-lead-proficiency-analytical-testing-elpat-program>

Lead (EL) Program PATs:

- Lead in air
- Lead in wipes

6.3 The Contractor and/or subContractor must participate in the Bulk Asbestos Proficiency Analytical Testing (BAPAT) Program. <https://www.aihapat.org/programs/bulk-asbestos-proficiency-analytical-testing-bapat-program>

7. DESCRIPTION OF THE WORK

7.1 The analytical methods used must be in accordance with the standard methods set out in the latest issue of the United States National Institute for Occupational Safety and health (NIOSH) Manual of Analytical Methods, https://www.cdc.gov/niosh/nmam/pdf/NMAM_5thEd_EBook-508-final.pdf as amended from time to time; or when methods other than the NIOSH methods are used, the chemical agent concentration can be accurately determined at a detection level at least equal to the NIOSH analytical methods (examples are the United States Occupational Safety and Health Administration (OSHA) methods, <https://www.osha.gov/chemicaldata/methods?letter=P> or the United States Environmental Protection Agency (EPA) methods, <https://www.epa.gov/measurements-modeling/collection-methods> or Institut de recherche en sante et securite au travail (IRSST) du Quebec); in cases where no specific standard methods for a chemical agent are set out in the publications, other methods can be used as long as they have been validated and the validation information is available for review by the Technical Authority. Typical validation characteristics which must be considered include accuracy, precision, specificity, detection limit, quantitation limit, linearity and range.

7.2 As and when requested, the Contractor must be provided analyses of the following substances, using the specific validated/published methods: As indicated above, other similar methods can be used as long as the accuracy and precision are at least equal to the NIOSH analytical methods.

	Analyte of Concern Air	Analytical Method Reference
1.	Particulate Mercury	OSHA ID-145
2.	Mercury Vapour	NIOSH 6009
3.	Particulate not otherwise specified - Respirable	NIOSH 0600
4.	Particulate not otherwise specified - Total	NIOSH 0500



5.	Thorium & Uranium on filters	NIOSH 7300
6.	Silica, Crystalline – all types	NIOSH 7500
7	Silica, Crystalline bulk – all types	NIOSH 7500
8.	VOCs individually qualified and quantified by open characterization	OSHA 7
9.	1,3-Butadiene	NIOSH 1024 or OSHA 56
10.	Sulfur Dioxide	NIOSH 6004
11.	Nitride Oxide and / or Nitrogen Dioxide	NIOSH 6014
12.	Elemental Carbon	NIOSH 5040
13.	Acetaldehyde (separate tubes)	OSHA 68 or EPA TO-11
14.	Formaldehyde (separate tubes)	OSHA 52
15.	Leads wipes	OSHA ID-125G
16.	Lead in Air	NIOSH 7300
17.	Particulate Matter (PM ₁₀ / PM _{2.5})	NIOSH 0600
18.	PAH's /SVOCs	NIOSH 5506
19	Metals – individual or scan	NIOSH 7300
21.	Asbestos bulk	NIOSH 9002 or EPA/600/R-93/116
22.	Total Fiber Analysis by PCM	NIOSH 7400
23.	Asbestos Airborne by TEM	NIOSH 7402
24	Asbestos Structures in DUST	ASTM D5755 in accordance with US EPA YAMATE level II or AHERA method
25.	Cyanide (Particulate phase)	NIOSH 7904
25.	Cyanide (Gaseous phase)	NIOSH 7904
26.	Nitroaromatic compounds	NIOSH 2005
27.	Total Hydrocarbon (reported as n-hexane)	NIOSH 1550
28	Nitric Acid	NIOSH 7903
29.	Nitric oxide-NO	OSHA ID-190
30.	Nitrogen dioxide-NO ₂	OSHA ID-182
31.	Sulphur Dioxide-SO ₂	OSHA ID-200
32.	Aldehyde Scan - individually qualified and quantified	NIOSH 2539 or EPA-TO-11



33.	Hydrogen Sulfide-H ₂ S	NIOSH 6013 or OSHA 1008
34.	Sulfuric Acid Mist	OSHA ID-113
35.	Vinyletene Chloride	NIOSH 1015
36.	Group A – Benzene, ethylbenzene, toluene, xylenes (BTEX)	NIOSH 1501 or OSHA 7
37.	NIOSH 1501, Group B – cumene, alpha-methylstyrene, styrene, p-tert-butyltoluene (also called 4-t-butyltoluene).	NIOSH 1501 or OSHA 7
38	Naphtha (includes mixtures such as stoddard solvent, mineral spirits, kerosene, and total hydrocarbons).	NIOSH 1550
39.	Polychlorinated biphenyls (PCBs).	NIOSH 5503
40.	Organonitrogen pesticides	NIOSH 5601
41.	Isocyanates (monomers, such as MDI; HDI; 2,4-TDI; 2,6-TDI).	OSHA 42 or 47
42.	Isocyanates. - sample fraction - isocyanate	Iso-chek®
43.	Crushing of rock	CARB435
45.	Silica, bulk	Modified NIOSH 7500
46.	Dioxins and Furans	EPA TO-9 / EPA8290
47.	Hexavalent Chromium Cr(VI)	OSHA ID-215
48.	Metal Working Fluids	NIOSH 5524
49.	Diesel Particulate Matter	NIOSH 5040
50.	Mould-Viable	Genus/species Agar Method/ Spore Trap
51.	Mould-Total	Genus/Spore Trap
52.	Endotoxins	Kinetic Chromogenic Method
	Analyte of Concern Water	Analytical Method Reference
53.	Color, Apparent	APHA 2120
54.	Hardness (as CaCO ₃)	APHA 2340 B
55.	Total Dissolved Solids	APHA 2540C
56.	Bromate	EPA 6850



57.	Chlorate	EPA 300.1 Ion Chromatography
58.	Chloride(Cl)	EPA 300.1 (mod)
59.	Chlorite	EPA 300.1 Ion Chromatography
60.	Fluoride (F)	EPA 300.1 (mod)
61.	Nitrate and Nitrite as N	APHA 4110B
62.	Nitrate (as N)	EPA 300.1 (mod)
63.	Nitrite (as N)	EPA300.1 (mod)
64.	Sulfate (SO4)	EPA 300.1 (mod)
65.	Sulphide (as S)	APHA 4500S2D
66.	Cyanide, Total	APHA 4500CN C E-Strong Acid Dist Colorim
67.	Chloramines	APHA 4500-Cl B
68.	Chlorine, Free	SM 4500-CL G, EPA 330.5
69.	Chlorine, Total	APHA 4500-CL G
70.	Aluminum (Al)	EPA 6020A
71.	Antimony (Sb)	EPA 6020A
72.	Arsenic (As)	EPA 6020A
73.	Barium (Ba)	EPA 6020A
74.	Beryllium (Be)	EPA 6020A
75.	Bismuth (Bi)	EPA6020A
76.	Boron (B)	EPA 6020A
78.	Cadmium (Cd)	EPA 6020A
79.	Calcium (Ca)	EPA 6020A
80.	Chromium (Ca)	EPA 6020A
81.	Cobalt (Co)	EPA 6020A
82.	Copper (Cu)	EPA 6020A
83.	Iron (Fe)	EPA 6020A
84.	Lead (Pb)	EPA 6020A
85.	Lithium (Li)	EPA 6020A
86.	Magnesium (Mg)	EPA 6020A
87.	Manganese (Mn)	EPA 6020A
88.	Mercury	EPA 1631E (mod)



89.	Molybdenum (Mo)	EPA 6020A
90.	Nickel (Ni)	EPA 6020 A
91.	Phosphorus (P)	EPA 6020A
92.	Potassium (K)	EPA 6020A
93.	Selenium (Se)	EPA 6020A
94.	Silicon (Si)	EPA 6020A
95.	Silver (Ag)	EPA 6020A
96.	Sodium (Na)	EPA6020A
97.	Stronium (Sr)	EPA 6020A
98.	Thallium (Tl)	EPA 6020A
99.	Tin (Sn)	EPA 6020A
100.	Titanium (Ti)	EPA 6020A
101.	Tungsten (W)	EPA 6020A
102.	Uranium (U)	EPA 6020A
103.	Vanadium (V)	EPA 6020A
104.	Zinc (Zn)	EPA 6020A
105.	Zirconium (Zr)	EPA 6020A
106.	1,1-dichloroethylene (vinylidene Chloride)	SW846 8260
107.	1,2-Dichlorobenzene	SW846 8260
108.	1,2-dichlorethane	SW846 8260
109.	1,4 Dichlorobenzene	SW846 8260
110.	1,4-Difluorobenzene	SW846 8260
111.	4-Bromofluorobenzene	SW846 8260
112.	Benzene	SW846 8260
113.	Carbon tetrachloride	SW846 8260
114.	Monochlorbenzene	SW846 8260
115.	Dichloromethane	SW846 8260
116.	Tetrachoroethylene (perchloroethylene)	Sw845 8260
117.	Trichloroethylene	SW846 8260
118.	Vinyl chloride	SW845 8260
119.	Xylenes (Total)	Calculation
120.	Total water Trihalomethanes	Calculation



121.	2-Bromobutanoic Acid	EPA 552.3
123.	Bromochloroacetic Acid	EPA 552.3
124.	Bromodichloroacetic Acid	EPA 552.3
125.	Chlorodibromnoacetic Acid	EPA 552.3
126.	Dalapon	EPA 552.3
127.	Dibromoacetic Acid	EPA 552.3
128.	Dichloroacetic Acid	EPA 552.3
129.	Total Haloacetic Acids 5	Calculation
130.	Brmoacetic Acid	EPA 552.3
131.	Chloroacetic Acid	EPA 552.3
132.	Tribromoacetic Acid	EPA 552.3
133.	Trichloroacetic Acid	EPA 552.3
134.	Formaldehyde	EPA 556.1
135.	N-Nitrosodimethylamine	MOE E3291
136.	N-Nitrosodimethylamine-d6	MOE E3291
137.	2,4,5-T	SW846 8270
138.	2,4,5,-TP	SW846 8270
139.	2,4-D	SW846 8270
140.	2,4-D	SW846 8270
141.	2,4-Dichlorophenylacetic Acid	SW846 8270
142.	Bromoxynil	SW846 8270
143.	Dicamba	SW846 8270
144.	Dinoseb	SW846 8270
145.	Glyphosate	MOE E3500
146.	MCPA	SW846 8270
147.	Mecoprop	SW846 8270
148.	Picloram	SW846 8270
149.	2,3,4,6-Tetrachlorophenol	SW846 8270
150.	2,4,6-Tribromophenol	Sw846 8270
151.	2,4,6-Trichlorophenol	SW846 8270
152.	2,4 Dichlorophenol	SW846 8270
153.	2-Fluorobiphenyl	SW846 8270



154.	Alachlor	SW846 8270
155.	Atrazine	SW846 8270
156.	Atrazine Desethyl	SW846 8270
157.	Atrazine & Metabolites	SW846 8270
158.	Azinphos-methyl	SW846 8270
160.	Benzo(a)pyrene	SW846 8270
161.	Carbaryl	SW846 8270
162.	Carbofuran	SW846 8270
163.	Chlorpyrifos	SW846 8270
164.	Diazinon	SW846 8270
165.	Diclofop-methyl	SW846 8270
166.	Dimethoate	SW846 8270
167.	Diquat	EPA 549.2 Modified
168.	Diuron	MOE PWAUH-E3436 (MOD)
169.	Malathion	SW845 8270
170.	Metolachlor	SW846 8270
171.	Metribuzin	SW846 8270
172.	Paraquat	EPA 549.2
173.	Pentachlorophenol	SW846 8270
174.	Phorate	SW846 8270
175.	Prometryne	SW846 8270
176.	Simazine	SW846 8270
177.	Terbufos	SW846 8270
178.	Triallate	SW846 8270
179.	Trifluralin	Sw846 8270
180.	Microcystin	ENVIROGIX QUANTIPLATE KIT CAT.EP022
181.	Nitrioltriactic Acid (NTA)	EPA 430.2
182.	Cross Alpha	EPA 900.0
183.	Gross Beta	EPA 900.0
184.	PFAS (USEPA)	EPA 533
185.	PFAS (USEPA)	EPA 537.1



	Analyte of Concern Soil	Analytical Method Reference
186.	Antimony (Sb)	EPA 200.2.6020A (mod)
187.	Arsenic (As)	EPA 200.2.6020A (mod)
188.	Barium (Ba)	EPA 200.2.6020A (mod)
189.	Beryllium (Be)	EPA 200.2.6020A (mod)
190.	Boron (B)	EPA 200.2.6020A (mod)
191.	Cadmium (Cd)	EPA 200.2.6020A (mod)
192.	Chromium (Cr0	EPA 200.2.6020A (mod)
193.	Cobalt (Co)	EPA 200.2.6020A (mod)
194.	Copper (Cu)	EPA 200.2.6020A (mod)
195.	Lead (Pb)	EPA 200.2.6020A (mod)
196.	Molybdenum (Mo)	EPA 200.2.6020A (mod)
197.	Nickel (Ni)	EPA 200.2.6020A (mod)
198.	Selenium (Se)	EPA 200.2.6020A (mod)
199.	Silver (Ag)	EPA 200.2.6020A (mod)
200.	Thalium (Tl)	EPA 200.2.6020A (mod)
201.	Uranium (U)	EPA 200.2.6020A (mod)
202..	Vanadium (V)	EPA 200.2.6020A (mod)
203.	Zinc (Zn)	EPA 200.2.6020A (mod)
204.	1,1,1,2-Tetrachloroethane	SW846 8260 (511)
205.	1,1,1-Trichloroethane	SW846 8260 (511)
206.	1,1,2,2-Tetrachloroethane	SW846 8260 (511)
207.	1,1,2-Trichloroethane	SW846 8260 (511)
208.	1,1-Dichloroethane	SW846 8260 (511)
209.	1,1-Dichloroethylene	SW846 8260 (511)
210.	1,2-Dichlorobenzene	SW846 8260 (511)
211.	1,2-Dichloroethane	SW846 8260 (511)
212.	1,2-Dichloropropane	SW846 8260 (511)
213.	1,3-Dichlorobenzene	SW846 8260 (511)
214.	1,3-Dichloropropene (cis & Trans)	SW8260B/SW8270C
215.	1,4-Dichlorobenzene	SW846 8260 (511)
216.	1,4-Difluorobenzene	SW846 8260 (511)



217.	4-Bromofluotobenzene	SW846 8260 (511)
218.	Acetone	SW846 8260 (511)
219.	Benzene	SW846 8260 (511)
220.	Bromodichloromethane	SW846 8260 (511)
221.	Bromoform	SW846 8260 (511)
222.	Bromomethane	SW846 8260 (511)
223.	Carbom tetrachloride	SW846 8260 (511)
224.	Chlorobenzene	SW846 8260 (511)
225.	Dibromochloromethane	SW846 8260 (511)
226.	Chloroform	SW846 8260 (511)
227.	Cis-1,2-Dichloroethylene	SW846 8260 (511)
228.	Cis-1,3-Dichloropropene	SW846 8260 (511)
229.	Dichlorodifluoromethane	SW846 8260 (511)
230.	Ethylbenzene	SW846 8260 (511)
231.	1,2-Dibromoethane	SW846 8260 (511)
232.	m+p-Xylenes	SW846 8260 (511)
234.	Methyl Ethyl Ketone	SW846 8260 (511)
235.	Methyl Isobutyl Ketone	SW846 8260 (511)
236.	MTBE	SW846 8260 (511)
237.	Methylene Chloride	SW846 8260 (511)
238.	n-Hexane	SW846 8260 (511)
239.	o-Xylene	SW846 8260 (511)
240.	Styrene	SW846 8260 (511)
241.	Tetrachloroethylene	SW846 8260 (511)
242.	Toluene	SW846 8260 (511)
243.	Trans-1,2-Dichloroethylene	SW846 8260 (511)
244.	Trans-1,3-Dichloropropene	SW846 8260 (511)
245.	Trichloroethylene	SW846 8260 (511)
246.	Trichlorofluoromethane	SW846 8260 (511)
247.	Vinyl chloride	SW846 8260 (511)
248.	Xylenes (Total)	CALCULATION
249.	1- Methyl naphthalene	SW846 3510/8270



250.	Fluorobiphenyl	SW846 3510/8270
251.	2-Methylnaphthalene	SW846 3510/8270
252.	Acenaphthalene	SW846 3510/8270
253.	d-10-Acenaphthylene	SW846 3510/8270
254.	Acenaphthene	SW846 3510/8270
256.	Anthracene	SW846 3510/8270
257.	Benzo(a)anthracene	SW846 3510/8270
258.	Benzo(a)pyrene	SW846 3510/8270
259.	Benzo(b)fluoranthene	SW846 3510/8270
260.	Benzo(g,h,i)perylene	SW846 3510/8270
261.	Benzo(k)fluoranthene	SW846 3510/8270
262.	Chrysene	SW846 3510/8270
263.	D12-Chrysene	SW846 3510/8270
264.	Dibenzo(ah)anthracene	SW846 3510/8270
265.	Fluoranthene	SW846 3510/8270
266.	Fluorene	SW846 3510/8270
267.	Indeno(1,2,3-cd) pyrene	SW846 3510/8270
268.	Napthalene	SW846 3510/8270
269.	D8-Naphthalene	SW846 3510/8270
270.	p-Terphenyl d14	SW846 3510/8270
271.	Phenanthrene	SW846 3510/8270
272.	D10-Phenanthrene	SW846 3510/8270
273.	Pyrene	SW846 3510/8270
274.	Total THMs	CALCULATION

7.3 Task Authorization

Quantity of Media to be delivered, the number of analysis to be completed and the urgency of each requirement will be detailed in Task Authorization.

8. MEDIA

- 8.1 The Laboratory must have a sufficient inventory to prepare and ship 150 media pieces, as and when requested, for the common test samples as shown in the table above. These media inventories must be maintained by the laboratory, at no extra cost to DND.



8.2 PM10 (Particle Matter) and PM2.5 filters size requirement is 47mm quartz. Filters tarred information (pre and post) are to be provided on request. This inventory is to be maintained at the Laboratory’s own expense.

9. DELIVERABLES

9.1 Deliverables Schedule

Deliverables	Deadlines for receipt of deliverables by DND
Sample media: sample preparation, shipment, and receipt by DND	Urgent: received within 72-hours Routine: received within 5 working days
Data report: Transmission of electronic copy of report (s) to DND	Urgent: within 5 working days once received by contracting facility Routine: Within 10 working days once received by contracting facility
Analytical report: in English*, submitted by regular mail to the TA (or pre-authorized representative)	Within 10 working days once received by contracting facility
Repeat analysis as requested by Technical Authority	Within 7 working days following receipt of a written request

9.2 Sample Media

- 9.2.1 Urgent services for media may be required to support operational requirements. The Contractor must deliver urgent sample media requests within 72-hours of receiving a signed Task Authorization (within stipulations of 8.1).
- 9.2.2 The Contractor must delivery sample media listed as routine within 5 working days of the receipt of the Task Authorization.

9.3 Reports

- 9.3.1 All Data Reports must be in Microsoft Office format and transmitted by emailed to the Technical Authority. The email address will be included on the Task Authorization.
 - 9.3.1.1 Data Reports for urgent testing samples must be transmitted by emailed within five (5) working days of receipt at the Contractors facilities.
 - 9.3.1.1 Data Reports for routine testing samples must be transmitted by emailed within ten (10) working days of receipt at the Contractors facilities.
- 9.3.2 All signed hard copies of the analytical reports must be in MS Office format and transmitted by emailed within ten (10) working days of the samples reception.
- 9.3.3 All hard copies of the reports will contain as a minimum the following information:
 - a. Name of the laboratory
 - b. DND Client name
 - c. DND Client contract reference
 - d. Laboratory’s unique work order or batch number



- e. Client sample identification number
- f. Laboratory Identification Number
- g. Matrix/Media
- h. Date Sampled
- i. Date received at the laboratory
- j. Air volume (L)
- k. Analyte
- l. Units for results. Mass and Concentration for air samples (pg, µg, and mg/m³)
- m. Reporting Limit (µg)/LOD
- n. Test method
- o. Date analyzed / analyst's initials or name
- p. Details regarding field blank corrections applied by the laboratory
- q. All other pertinent details or any issues with analysis,
- r. Completed copy 3 of Canadian Forces Chain of Custody Form (DND will supply form with samples)
- s. All analytical reports to contain the name, title, and signature or equivalent identification of the Contractor accepting technical responsibility for the content of test reports.

9.3.4 The Contractor may be requested to report e-results in a format provided by DND.

9.4 All deliverables must be delivered unless specified otherwise in the Task Authorization,

9.5 The Contractor's Laboratory must provide all services in English, except:

9.5.1 when the Task Authorization is issued from a CAF location in Quebec. All documents and communications for these Task Authorizations must be in French; and

9.5.2 in the National Capital region the services must be provided in English or French as specified in the Task Authorization.

10. REPORT RETENTION BY VENDOR

10.1 Analytical electronic and hard copy reports be kept for the duration of the contract.

10.2 All samples and prepared samples be kept for 60 days after the dated analytical report. The laboratory send a reminder 7 days prior disposal of samples.

10.3 Should the TA determine the results are questionable, the vendor shall repeat the analyses at no cost DND.

11. QUALITY ASSURANCE /CONSTRAINTS

11.1 Raw data and quality control (QC) data, such as calibration curves, spike recoveries, and laboratory blank recoveries, must be available for review, upon request by the TA.

11.1.1 DND may request an onsite visit of the laboratory (ies) providing the services prior and during the contract period. The date to be agreed upon by the Vendor and Technical Authority and must be within two weeks of the request.

11.1.2 Should there be questionable results due to analytical error, repeat of the analysis must be done at no cost to DND.



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12. NON-DISCLOSURE

- 12.1 The analytical reports must not be released by the Contractor/subcontract to a third party. DND retains the rights to release information to a third party as required.

13. INSPECTION/ACCEPTANCE

- 13.1 All work done and documents/data delivered in response to the SOW will be evaluated within 30 days on the basis of suitability, quality and adherence to the agreed upon schedule and specified standards. Acceptance of deliverables will be certified by the TA subsequent to the satisfactory delivery of the final report. Such certification will be the basis upon which the TA will recommend payment. The TA shall have the right to reject it or require its correction at the sole expense of the Contractor. Should any deliverables be found unacceptable, the deficiencies must be corrected and re-submitted within five (5) working days.

14. WORK LOCATION

- 14.1 The work will be performed off-site at the Contractor's laboratories.
- 14.2 The vendor must provide a single Canadian location for all collected samples to be sent to.

**ANNEX B - BASIS OF PAYMENT**

- A. The Contractor will be paid in accordance with the following Basis of Payment for Work performed pursuant to the Contract and each Task Authorization. All deliverables are DDP (Delivered Duty Paid) to (location to be listed in the Task Authorisation from list in Annex D) Incoterms 2010 for shipments from a commercial Contractor.
- B. All prices are in Canadian dollars and include all related fees and costs.

1. Period - Year 1 (Contract Award to 12 months later)

Item #	Analyte of Concern Air	Analytical Method Reference	Maximum Routine Annual Estimated Usage	Maximum Urgent Annual Estimated Usage	Media Preparation & Delivery Unit Price	Routine Analysis & Report Unit Price	Urgent Analysis & Report Unit Price
(These lab test must be capable of being done in compliance with both the Routine and Urgent timelines)							
1	Cresol(all isomers) and Phenol	NIOSH 2546 or OSHA 32	40	2			
2	Methylene Chloride	NIOSH 1005	20	1			
3	Methylene Chloride	OSHA 80	20	1			
4	Ketone - Single Ketone Test (Base Price)	NIOSH1300	50	3			
5	Particulate Mercury	OSHA ID-145	5	0			
6	Mercury Vapour	NIOSH 6009	5	0			
7	Particulate not otherwise regulated - Respirable	NIOSH 0600	225	11			
8	Particulate not otherwise regulated - Total	NIOSH 0500	225	11			
9	Thorium & Uranium on filters	NIOSH 7300	14	1			
10	Silica, Crystalline – all types	NIOSH 7500	210	11			
11	Silica, Crystalline bulk – all types	NIOSH 7500	40	2			
12	VOCs individually qualified and quantified by open characterization	OSHA 7	350	18			
13	1,3-Butadiene	NIOSH 1024 or OSHA 56	4	0			
14	Sulfur Dioxide	NIOSH 6004	125	6			
15	Nitride Oxide and / or Nitrogen Dioxide	NIOSH 6014	125	6			
16	Elemental Carbon	NIOSH 5040	2	0			
17	Acetaldehyde (separate tubes)	OSHA 68 or EPA TO-11	6	0			
18	Formaldehyde (separate tubes)	OSHA 52	6	0			
19	Lead wipes	OSHA ID-125G	45	2			
20	Lead in Air	NIOSH 7300	70	4			
21	Beryllium(Be) Wipes	NIOSH 9100	90	5			
22	Particulate Matter (PM ₁₀ / PM _{2.5})	NIOSH 0600	300	15			
23	Lead and Copper in Air	NIOSH 7303 (Pb & Cu)	50	4			



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24	Cyclonite (RDX) in Air	OSHA PV2135	25	3			
	Analyte of Concern Air	Analytical Method Reference					
25	PAH's /SVOCs	NIOSH 5506	260	17			
26	Metals – individual or scan	NIOSH 7300	60	3			
27	Asbestos bulk	NIOSH 9002 or EPA/600/R-93/116	25	1			
28	Total Fiber Analysis by PCM	NIOSH 7400	20	1			
29	Asbestos structures	D6480-05 (TEM)	150	0			
30	Asbestos Airborne by TEM	NIOSH 7402	90	6			
31	Asbestos Structures in DUST	ASTM D5755 in accordance with US EPA YAMATE level II or AHERA method	40	5			
32	Cyanide (Particulate phase)	NIOSH 7904	4	1			
33	Cyanide (Gaseous phase)	NIOSH 7904	4	1			
34	Nitroaromatic compounds	NIOSH 2005	4	1			
35	Total Hydrocarbon (reported as n-hexane)	NIOSH 1550	10	1			
36	Nitric Acid	NIOSH 7903	10	1			
37	Nitric oxide-NO	OSHA ID-190	10	1			
38	Nitrogen dioxide-NO2	OSHA ID-182	100	6			
39	Sulphur Dioxide-SO2	OSHA ID-200	100	6			
40	Aldehyde Scan - individually qualified and quantified	NIOSH 2539 or EPA-TO-11	2	0			
41	Hydrogen Sulfide-H ₂ S	NIOSH 6013 or OSHA 1008	60	3			
42	Sulfuric Acid Mist	OSHA ID-113	60	3			
43	Vinylidene Chloride	NIOSH 1015	10	1			
44	Group A – Benzene, ethylbenzene, toluene, xylenes (BTEX)	NIOSH 1501 or OSHA 7	15	1			
45	NIOSH 1501, Group B – cumene, alpha-methylstyrene, styrene, p-tert-butyltoluene (also called 4-t-butyltoluene).	NIOSH 1501 or OSHA 7	10	1			
46	Naphtha (includes mixtures such as stoddard solvent, mineral spirits, kerosene, and total hydrocarbons).	NIOSH 1550	20	2			
47	Polychlorinated biphenyls (PCBs).	NIOSH 5503	2	0			
48	Organonitrogen pesticides	NIOSH 5601	5	0			
49	Isocyanates (monomers, such as MDI; HDI; 2,4-TDI; 2,6-TDI).	OSHA 42 or 47	20	1			
50	Isocyanates.	Iso-chek®	10	1			
51	Crushing of rock	CARB435	1	0			
52	Silica, bulk	Modified NIOSH 7500	5	0			
53	Dioxins and Furans	EPA TO-9 / EPA8290	115	6			



54	Mould-Viable	Genus/species Agar Method/	20	5			
55		Spore Trap	100	4			
56	Mould-Total	Genus-Spore Trap	150	20			
57	Endotoxins	Kinetic Chromogenic Method	2	0			
58	Hexavalent Chromium Cr(VI)	OSHA ID-215	25	5			
59	Metal Working Fluids	NIOSH 5524	20	5			
60	Diesel Particulate Matter	NIOSH 5040	20	5			
	Analyte of Concern Water	Analytical Method Reference					
61	PFA's	EPA 537.1/537 revised 1.1	10	1			
62	Color,,Apparent	APHA 2120	15	1			
63	Hardness (as CaCO3)	APHA 2340 B	15	1			
64	Total Dissolved Solids	APHA 2540C	15	1			
65	Bromate	EPA 6850	15	1			
66	Chlorate	EPA 300.1 Ion Chromatography	15	1			
67	Chloride(Cl)	EPA 300.1 (mod)	15	1			
68	Chlorite	EPA 300.1 Ion Chromatography	15	1			
69	Fluoride (F)	EPA 300.1 (mod)	15	1			
70	Nitrate and Nitrite as N	APHA 4110B	15	1			
71	Nitrate (as N)	EPA 300.1 (mod)	15	1			
72	Nitrite (as N)	EPA300.1 (mod)	25	1			
73	Sulfate (SO4)	EPA 300.1 (mod)	15	1			
74	Sulphide (as S)	APHA 4500S2D	15	1			
75	Cyanide, Total	APHA 4500CN C E-Strong	15	1			
76		Acid Dist Colorim	15	1			
77	Chloramines	APHA 4500-Cl B	15	1			
78	Chlorine, Free	SM 4500-CL G, EPA 330.5	15	1			
79	Chlorine, Total	APHA 4500-CL G	15	1			
80	Aluminum (Al)	EPA 6020A	15	1			
81	Antimony (Sb)	EPA 6020A	15	1			
82	Arsenic (As)	EPA 6020A	15	1			
83	Barium (Ba)	EPA 6020A	15	1			
84	Beryllium (Be)	EPA 6020A	15	1			
85	Bismuth (Bi)	EPA6020A	15	1			
86	Boron (B)	EPA 6020A	15	1			



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87	Cadmium (Cd)	EPA 6020A	15	1			
88	Calcium (Ca)	EPA 6020A	15	1			
89	Chromium (Cr)	EPA 6020A	15	1			
90	Cobalt (Co)	EPA 6020A	15	1			
91	Copper (Cu)	EPA 6020A	15	1			
92	Iron (Fe)	EPA 6020A	15	1			
93	Lead (Pb)	EPA 6020A	15	1			
94	Lithium (Li)	EPA 6020A	15	1			
95	Magnesium (Mg)	EPA 6020A	15	1			
96	Manganese (Mn)	EPA 6020A	15	1			
97	Mercury	EPA 1631E (mod)	15	1			
98	Molybdenum (Mo)	EPA 6020A	15	1			
99	Nickel (Ni)	EPA 6020 A	15	1			
100	Phosphorus (P)	EPA 6020A	15	1			
101	Potassium (K)	EPA 6020A	15	1			
102	Selenium (Se)	EPA 6020A	15	1			
103	Silicon (Si)	EPA 6020A	15	1			
104	Silver (Ag)	EPA 6020A	15	1			
105	Sodium (Na)	EPA6020A	15	1			
106	Stronium (Sr)	EPA 6020A	15	1			
107	Thallium (Tl)	EPA 6020A	15	1			
108	Tin (Sn)	EPA 6020A	15	1			
109	Titanium (Ti)	EPA 6020A	15	1			
110	Tungsten (W)	EPA 6020A	15	1			
111	Uranium (U)	EPA 6020A	15	1			
112	Vanadium (V)	EPA 6020A	25	1			
113	Zinc (Zn)	EPA 6020A	15	1			
114	Zirconium (Zr)	EPA 6020A	15	1			
115	1,1-dichloroethylene (vinylidene Chloride)	SW846 8260	15	1			
116	1,2-Dichlorobenzene	SW846 8260	15	1			
117	1,2-dichloroethane	SW846 8260	15	1			
118	1,4 Dichlorobenzene	SW846 8260	15	1			
119	1,4-Difluorobenzene	SW846 8260	15	1			
120	4-Bromofluorobenzene	SW846 8260	15	1			
121	Benzene	SW846 8260	15	1			
122	Carbon tetrachloride	SW846 8260	15	1			
123	Monochlorobenzene	SW846 8260	15	1			
124	Dichloromethane	SW846 8260	15	1			
125	Tetrachoroethylene (perchloroethylene)	Sw845 8260	15	1			
126	Trichloroethylene	SW846 8260	15	1			
127	Vinyl chloride	SW845 8260	15	1			



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128	Xylenes (Total)	Calculation	15	1			
129	Total water Trihalomethanes	Calculation	15	1			
130	2-Bromobutanoic Acid	EPA 552.3	15	1			
131	Bromochloroacetic Acid	EPA 552.3	15	1			
132	Bromodichloroacetic Acid	EPA 552.3	15	1			
133	Chlorodibromoacetic Acid	EPA 552.3	15	1			
134	Dalapon	EPA 552.3	15	1			
135	Dibromoacetic Acid	EPA 552.3	15	1			
136	Dichloroacetic Acid	EPA 552.3	15	1			
137	Total Haloacetic Acids 5	Calculation	15	1			
138	Bromoacetic Acid	EPA 552.3	15	1			
139	Chloroacetic Acid	EPA 552.3	15	1			
140	Tribromoacetic Acid	EPA 552.3	15	1			
141	Trichloroacetic Acid	EPA 552.3	15	1			
142	Formaldehyde	EPA 556.1	15	1			
143	N-Nitrosodimethylamine	MOE E3291	15	1			
144	N-Nitrosodimethylamine-d6	MOE E3291	15	1			
145	2,4,5-T	SW846 8270	15	1			
146	2,4,5,-TP	SW846 8270	15	1			
147	2,4-D	SW846 8270	15	1			
148	2,4-D	SW846 8270	15	1			
149	2,4-Dichlorophenylacetic Acid	SW846 8270	15	1			
150	Bromoxnyl	SW846 8270	15	1			
151	Dicamba	SW846 8270	15	1			
152	Dinoseb	SW846 8270	15	1			
153	Glyphosate	MOE E3500	15	1			
154	MCPA	SW846 8270	15	1			
155	Mecoprop	SW846 8270	15	1			
156	Picloram	SW846 8270	15	1			
157	2,3,4,6-Tetrachlorophenol	SW846 8270	15	1			
158	2,4,6-Tribromophenol	Sw846 8270	15	1			
159	2,4,6-Trichlorophenol	SW846 8270	15	1			
160	2,4 Dichlorophenol	SW846 8270	15	1			
161	2-Fluorobiphenyl	SW846 8270	15	1			
162	Alachlor	SW846 8270	15	1			
163	Atrazine	SW846 8270	15	1			
164	Atrazine Desethyl	SW846 8270	15	1			
165	Atrazine & Metabolites	SW846 8270	15	1			
166	Azinphos-methyl	SW846 8270	15	1			
167	Benzo(a)pyrene	SW846 8270	15	1			
168	Carbaryl	SW846 8270	15	1			
169	Carbofuran	SW846 8270	15	1			



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170	Chlorpyrifos	SW846 8270	15	1			
171	Diazinon	SW846 8270	15	1			
172	Diclofop-methyl	SW846 8270	15	1			
173	Dimethoate	SW846 8270	15	1			
174	Diquat	EPA 549.2 Modified	15	1			
175	Diuron	MOE PWAUH-E3436 (MOD)	15	1			
176	Malathion	SW845 8270	15	1			
177	Metolachlor	SW846 8270	15	1			
178	Metribuzin	SW846 8270	15	1			
179	Paraquat	EPA 549.2	15	1			
180	Pentachlorophenol	SW846 8270	15	1			
181	Phorate	SW846 8270	15	1			
182	Prometryne	SW846 8270	15	1			
183	Simazine	SW846 8270	15	1			
184	Terbufos	SW846 8270	15	1			
185	Triallate	SW846 8270	15	1			
186	Trifluralin	Sw846 8270	15	1			
187	Microcystin	ENVIROGIX QUANTIPLATE KIT	15	1			
188		CAT.EP022	15	1			
189	Nitritotriacetic Acid (NTA)	EPA 430.2	15	1			
190	Gross Alpha	EPA 900.0	15	1			
191	Gross Beta	EPA 900.0	15	1			
192	PFAS (USEPA)	EPA 533	15	1			
193	PFAS (USEPA)	EPA 537.1	15	1			
194	MTBE	EPA 8240B/60B	15	1			
195	Ethylbenzene	502-2	15	1			
196	Toluene	EPA 502.2	15	1			
	Analyte of Concern Soil	Analytical Method Reference					
197	Antimony (Sb)	EPA 200.2.6020A (mod)	20	1			
198	Arsenic (As)	EPA 200.2.6020A (mod)	20	1			
199	Barium (Ba)	EPA 200.2.6020A (mod)	20	1			
200	Beryllium (Be)	EPA 200.2.6020A (mod)	20	1			
201	Boron (B)	EPA 200.2.6020A (mod)	20	1			



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202	Cadmiun (Cd)	EPA 200.2.6020A (mod)	20	1			
203	Chromium (Cr0)	EPA 200.2.6020A (mod)	20	1			
204	Cobalt (Co)	EPA 200.2.6020A (mod)	20	1			
205	Copper (Cu)	EPA 200.2.6020A (mod)	20	1			
206	Lead (Pb)	EPA 200.2.6020A (mod)	20	1			
207	Molybdenum (Mo)	EPA 200.2.6020A (mod)	20	1			
208	Nickel (Ni)	EPA 200.2.6020A (mod)	20	1			
209	Selenium (Se)	EPA 200.2.6020A (mod)	20	1			
210	Silver (Ag)	EPA 200.2.6020A (mod)	20	1			
211	Thalium (TI)	EPA 200.2.6020A (mod)	20	1			
212	Uranium (U)	EPA 200.2.6020A (mod)	20	1			
213	Vanadium (V)	EPA 200.2.6020A (mod)	20	1			
214	Zinc (Zn)	EPA 200.2.6020A (mod)	20	1			
215	1,1,1,2-Tetrachloroethane	SW846 8260 (511)	20	1			
216	1,1,1-Trichlorethane	SW846 8260 (511)	20	1			
217	1,1,2,2-Tetrachlorethane	SW846 8260 (511)	20	1			
218	1,1,2-Trichloroethane	SW846 8260 (511)	20	1			
219	1,1-Dichloroethane	SW846 8260 (511)	20	1			
220	1,1-Dichloroethylene	SW846 8260 (511)	20	1			
221	1,2-Dichlorobenzene	SW846 8260 (511)	20	1			
222	1,2-Dichloroethane	SW846 8260 (511)	20	1			
223	1,2-Dichloropropane	SW846 8260 (511)	20	1			
224	1,3-Dichlorobenzene	SW846 8260 (511)	20	1			



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225	1,3-Dichloropropene (cis & Trans)	SW8260B/SW8270C	20	1			
226	1,4-Dichlorobenzene	SW846 8260 (511)	20	1			
227	1,4-Difluorobenzene	SW846 8260 (511)	20	1			
228	4-Bromofluotobenzene	SW846 8260 (511)	20	1			
229	Acetone	SW846 8260 (511)	20	1			
230	Benzene	SW846 8260 (511)	20	1			
231	Bromodichloromethane	SW846 8260 (511)	20	1			
232	Bromoform	SW846 8260 (511)	20	1			
233	Bromomethane	SW846 8260 (511)	20	1			
234	Carbom tetrachloride	SW846 8260 (511)	20	1			
235	Chlorobenzene	SW846 8260 (511)	20	1			
236	Dibromochloromethane	SW846 8260 (511)	20	1			
237	Chloroform	SW846 8260 (511)	20	1			
238	Cis-1,2-Dichloroethylene	SW846 8260 (511)	20	1			
239	Cis-1,3-Dichloropropene	SW846 8260 (511)	20	1			
240	Dichlorodifluoromethane	SW846 8260 (511)	20	1			
241	Ethylbenzene	SW846 8260 (511)	20	1			
242	1,2-Dibromoethane	SW846 8260 (511)	20	1			
243	m+p-Xylenes	SW846 8260 (511)	20	1			
244	Methyl Ethyl Ketone	SW846 8260 (511)	20	1			
245	Methl Isobutyl Ketone	SW846 8260 (511)	20	1			
246	MTBE	SW846 8260 (511)	20	1			
247	Methylene Chloride	SW846 8260 (511)	20	1			
248	n-Hexane	SW846 8260 (511)	20	1			
249	o-Xylene	SW846 8260 (511)	20	1			
250	Styrene	SW846 8260 (511)	20	1			
251	Tetrachloroethylene	SW846 8260 (511)	20	1			
252	Toluene	SW846 8260 (511)	20	1			
253	Trans-1,2-Dichloroethylene	SW846 8260 (511)	20	1			
254	Trans-1,3-Dichloropropene	SW846 8260 (511)	20	1			



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255	Trichloroethylene	SW846 8260 (511)	20	1			
256	Trichlorofluoromethane	SW846 8260 (511)	20	1			
257	Vinyl chloride	SW846 8260 (511)	20	1			
258	Xylenes (Total)	CALCULATION	20	1			
259	1- Methyl-naphthalene	SW846 3510/8270	20	1			
260	Fluorobiphenyl	SW846 3510/8270	20	1			
261	2-Methyl-naphthalene	SW846 3510/8270	20	1			
262	Acenaphthalene	SW846 3510/8270	20	1			
263	d-10-Acenaphthylene	SW846 3510/8270	20	1			
264	Acenaphthene	SW846 3510/8270	20	1			
265	Anthracene	SW846 3510/8270	20	1			
266	Benzo(a)anthracene	SW846 3510/8270	20	1			
267	Benzo(a)pyrene	SW846 3510/8270	20	1			
268	Benzo(b)fluoranthene	SW846 3510/8270	20	1			
269	Benzo(g,h,i)perylene	SW846 3510/8270	20	1			
270	Benzo(k)fluoranthene	SW846 3510/8270	20	1			
271	Chrysene	SW846 3510/8270	20	1			
272	D12-Chrysene	SW846 3510/8270	20	1			
273	Dibenzo(ah)anthracene	SW846 3510/8270	20	1			
274	Fluoranthene	SW846 3510/8270	20	1			
275	Fluorene	SW846 3510/8270	20	1			
276	Indeno(1,2,3-cd)pyrene	SW846 3510/8270	20	1			
277	Napthalene	SW846 3510/8270	20	1			
278	D8-Napthalene	SW846 3510/8270	20	1			
279	p-Terphenyl d14	SW846 3510/8270	20	1			
280	Phenanthrene	SW846 3510/8270	20	1			
281	D10-Phenanthrene	SW846 3510/8270	20	1			
282	Pyrene	SW846 3510/8270	20	1			
283	Total THMs	CALCULATION	20	1			

2. Period - Year 2 (12 months)

Item #	Analyte of Concern Air	Analytical Method Reference	Maximum Routine Annual	Maximum Urgent Annual	Media Preparation &	Routine Analysis &	Urgent Analysis &
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			Estimated Usage	Estimated Usage	Delivery Unit Price	Report Unit Price	Report Unit Price
(These lab test must be capable of being done in compliance with both the Routine and Urgent timelines)							
1	Cresol(all isomers) and Phenol	NIOSH 2546 or OSHA 32	40	2			
2	Methylene Chloride	NIOSH 1005	20	1			
3	Methylene Chloride	OSHA 80	20	1			
4	Ketone - Single Ketone Test (Base Price)	NIOSH1300	50	3			
5	Particulate Mercury	OSHA ID-145	5	0			
6	Mercury Vapour	NIOSH 6009	5	0			
7	Particulate not otherwise regulated - Respirable	NIOSH 0600	225	11			
8	Particulate not otherwise regulated - Total	NIOSH 0500	225	11			
9	Thorium & Uranium on filters	NIOSH 7300	14	1			
10	Silica, Crystalline – all types	NIOSH 7500	210	11			
11	Silica, Crystalline bulk – all types	NIOSH 7500	40	2			
12	VOCs individually qualified and quantified by open characterization	OSHA 7	350	18			
13	1,3-Butadiene	NIOSH 1024 or OSHA 56	4	0			
14	Sulfur Dioxide	NIOSH 6004	125	6			
15	Nitride Oxide and / or Nitrogen Dioxide	NIOSH 6014	125	6			
16	Elemental Carbon	NIOSH 5040	2	0			
17	Acetaldehyde (separate tubes)	OSHA 68 or EPA TO-11	6	0			
18	Formaldehyde (separate tubes)	OSHA 52	6	0			
19	Lead wipes	OSHA ID-125G	45	2			
20	Lead in Air	NIOSH 7300	70	4			
21	Beryllium(Be) Wipes	NIOSH 9100	90	5			
22	Particulate Matter (PM ₁₀ / PM _{2.5})	NIOSH 0600	300	15			
23	Lead and Copper in Air	NIOSH 7303 (Pb & Cu)	50	4			
24	Cyclonite (RDX) in Air	OSHA PV2135	25	3			
	Analyte of Concern Air	Analytical Method Reference					
25	PAH's /SVOCs	NIOSH 5506	260	17			
26	Metals – individual or scan	NIOSH 7300	60	3			
27	Asbestos bulk	NIOSH 9002 or EPA/600/R-93/116	25	1			
28	Total Fiber Analysis by PCM	NIOSH 7400	20	1			
29	Asbestos structures	D6480-05 (TEM)	150	0			
30	Asbestos Airborne by TEM	NIOSH 7402	90	6			



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31	Asbestos Structures in DUST	ASTM D5755 in accordance with US EPA YAMATE level II or AHERA method	40	5			
32	Cyanide (Particulate phase)	NIOSH 7904	4	1			
33	Cyanide (Gaseous phase)	NIOSH 7904	4	1			
34	Nitroaromatic compounds	NIOSH 2005	4	1			
35	Total Hydrocarbon (reported as n-hexane)	NIOSH 1550	10	1			
36	Nitric Acid	NIOSH 7903	10	1			
37	Nitric oxide-NO	OSHA ID-190	10	1			
38	Nitrogen dioxide-NO2	OSHA ID-182	100	6			
39	Sulphur Dioxide-SO2	OSHA ID-200	100	6			
40	Aldehyde Scan - individually qualified and quantified	NIOSH 2539 or EPA-TO-11	2	0			
41	Hydrogen Sulfide-H ₂ S	NIOSH 6013 or OSHA 1008	60	3			
42	Sulfuric Acid Mist	OSHA ID-113	60	3			
43	Vinylidene Chloride	NIOSH 1015	10	1			
44	Group A – Benzene, ethylbenzene, toluene, xylenes (BTEX)	NIOSH 1501 or OSHA 7	15	1			
45	NIOSH 1501, Group B – cumene, alpha-methylstyrene, styrene, p-tert-butyltoluene (also called 4-t-butyltoluene).	NIOSH 1501 or OSHA 7	10	1			
46	Naphtha (includes mixtures such as stoddard solvent, mineral spirits, kerosene, and total hydrocarbons).	NIOSH 1550	20	2			
47	Polychlorinated biphenyls (PCBs).	NIOSH 5503	2	0			
48	Organonitrogen pesticides	NIOSH 5601	5	0			
49	Isocyanates (monomers, such as MDI; HDI; 2,4-TDI; 2,6-TDI).	OSHA 42 or 47	20	1			
50	Isocyanates.	Iso-chek®	10	1			
51	Crushing of rock	CARB435	1	0			
52	Silica, bulk	Modified NIOSH 7500	5	0			
53	Dioxins and Furans	EPA TO-9 / EPA8290	115	6			
54	Mould-Viable	Genus/species Agar Method/	20	5			
55		Spore Trap	100	4			
56	Mould-Total	Genus-Spore Trap	150	20			
57	Endotoxins	Kinetic Chromogenic Method	2	0			
58	Hexavalent Chromium Cr(VI)	OSHA ID-215	25	5			
59	Metal Working Fluids	NIOSH 5524	20	5			
60	Diesel Particulate Matter	NIOSH 5040	20	5			



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	Analyte of Concern Water	Analytical Method Reference					
61	PFA's	EPA 537.1/537 revised 1.1	10	1			
62	Color,,Apparent	APHA 2120	15	1			
63	Hardness (as CaCO3)	APHA 2340 B	15	1			
64	Total Dissolved Solids	APHA 2540C	15	1			
65	Bromate	EPA 6850	15	1			
66	Chlorate	EPA 300.1 Ion Chromatography	15	1			
67	Chloride(Cl)	EPA 300.1 (mod)	15	1			
68	Chlorite	EPA 300.1 Ion Chromatography	15	1			
69	Fluoride (F)	EPA 300.1 (mod)	15	1			
70	Nitrate and Nitrite as N	APHA 4110B	15	1			
71	Nitrate (as N)	EPA 300.1 (mod)	15	1			
72	Nitrite (as N)	EPA300.1 (mod)	25	1			
73	Sulfate (SO4)	EPA 300.1 (mod)	15	1			
74	Sulphide (as S)	APHA 4500S2D	15	1			
75	Cyanide, Total	APHA 4500CN C E-Strong	15	1			
76		Acid Dist Colorim	15	1			
77	Chloramines	APHA 4500-Cl B	15	1			
78	Chlorine, Free	SM 4500-CL G, EPA 330.5	15	1			
79	Chlorine, Total	APHA 4500-CL G	15	1			
80	Aluminum (Al)	EPA 6020A	15	1			
81	Antimony (Sb)	EPA 6020A	15	1			
82	Arsenic (As)	EPA 6020A	15	1			
83	Barium (Ba)	EPA 6020A	15	1			
84	Beryllium (Be)	EPA 6020A	15	1			
85	Bismuth (Bi)	EPA6020A	15	1			
86	Boron (B)	EPA 6020A	15	1			
87	Cadmium (Cd)	EPA 6020A	15	1			
88	Calcium (Ca)	EPA 6020A	15	1			
89	Chromium (Cr)	EPA 6020A	15	1			
90	Cobalt (Co)	EPA 6020A	15	1			
91	Copper (Cu)	EPA 6020A	15	1			
92	Iron (Fe)	EPA 6020A	15	1			
93	Lead (Pb)	EPA 6020A	15	1			
94	Lithium (Li)	EPA 6020A	15	1			
95	Magnesium (Mg)	EPA 6020A	15	1			
96	Manganese (Mn)	EPA 6020A	15	1			
97	Mercury	EPA 1631E (mod)	15	1			



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98	Molybdenum (Mo)	EPA 6020A	15	1			
99	Nickel (Ni)	EPA 6020 A	15	1			
100	Phosphorus (P)	EPA 6020A	15	1			
101	Potassium (K)	EPA 6020A	15	1			
102	Selenium (Se)	EPA 6020A	15	1			
103	Silicon (Si)	EPA 6020A	15	1			
104	Silver (Ag)	EPA 6020A	15	1			
105	Sodium (Na)	EPA6020A	15	1			
106	Stronium (Sr)	EPA 6020A	15	1			
107	Thallium (Tl)	EPA 6020A	15	1			
108	Tin (Sn)	EPA 6020A	15	1			
109	Titanium (Ti)	EPA 6020A	15	1			
110	Tungsten (W)	EPA 6020A	15	1			
111	Uranium (U)	EPA 6020A	15	1			
112	Vanadium (V)	EPA 6020A	25	1			
113	Zinc (Zn)	EPA 6020A	15	1			
114	Zirconium (Zr)	EPA 6020A	15	1			
115	1,1-dichloroethylene (vinylidene Chloride)	SW846 8260	15	1			
116	1,2-Dichlorobenzene	SW846 8260	15	1			
117	1,2-dichloroethane	SW846 8260	15	1			
118	1,4 Dichlorobenzene	SW846 8260	15	1			
119	1,4-Difluorobenzene	SW846 8260	15	1			
120	4-Bromofluorobenzene	SW846 8260	15	1			
121	Benzene	SW846 8260	15	1			
122	Carbon tetrachloride	SW846 8260	15	1			
123	Monochlorobenzene	SW846 8260	15	1			
124	Dichloromethane	SW846 8260	15	1			
125	Tetrachloroethylene (perchloroethylene)	Sw845 8260	15	1			
126	Trichloroethylene	SW846 8260	15	1			
127	Vinyl chloride	SW845 8260	15	1			
128	Xylenes (Total)	Calculation	15	1			
129	Total water Trihalomethanes	Calculation	15	1			
130	2-Bromobutanoic Acid	EPA 552.3	15	1			
131	Bromochloroacetic Acid	EPA 552.3	15	1			
132	Bromodichloroacetic Acid	EPA 552.3	15	1			
133	Chlorodibromoacetic Acid	EPA 552.3	15	1			
134	Dalapon	EPA 552.3	15	1			
135	Dibromoacetic Acid	EPA 552.3	15	1			
136	Dichloroacetic Acid	EPA 552.3	15	1			
137	Total Haloacetic Acids 5	Calculation	15	1			
138	Bromoacetic Acid	EPA 552.3	15	1			



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139	Chloroacetic Acid	EPA 552.3	15	1			
140	Tribromoacetic Acid	EPA 552.3	15	1			
141	Trichloroacetic Acid	EPA 552.3	15	1			
142	Formaldehyde	EPA 556.1	15	1			
143	N-Nitrosodimethylamine	MOE E3291	15	1			
144	N-Nitrosodimethylamine-d6	MOE E3291	15	1			
145	2,4,5-T	SW846 8270	15	1			
146	2,4,5,-TP	SW846 8270	15	1			
147	2,4-D	SW846 8270	15	1			
148	2,4-D	SW846 8270	15	1			
149	2,4-Dichlorophenylacetic Acid	SW846 8270	15	1			
150	Bromoxynil	SW846 8270	15	1			
151	Dicamba	SW846 8270	15	1			
152	Dinoseb	SW846 8270	15	1			
153	Glyphosate	MOE E3500	15	1			
154	MCPA	SW846 8270	15	1			
155	Mecoprop	SW846 8270	15	1			
156	Picloram	SW846 8270	15	1			
157	2,3,4,6-Tetrachlorophenol	SW846 8270	15	1			
158	2,4,6-Tribromophenol	Sw846 8270	15	1			
159	2,4,6-Trichlorophenol	SW846 8270	15	1			
160	2,4 Dichlorophenol	SW846 8270	15	1			
161	2-Fluorobiphenyl	SW846 8270	15	1			
162	Alachlor	SW846 8270	15	1			
163	Atrazine	SW846 8270	15	1			
164	Atrazine Desethyl	SW846 8270	15	1			
165	Atrazine & Metabolites	SW846 8270	15	1			
166	Azinphos-methyl	SW846 8270	15	1			
167	Benzo(a)pyrene	SW846 8270	15	1			
168	Carbaryl	SW846 8270	15	1			
169	Carbofuran	SW846 8270	15	1			
170	Chlorpyrifos	SW846 8270	15	1			
171	Diazinon	SW846 8270	15	1			
172	Diclofop-methyl	SW846 8270	15	1			
173	Dimethoate	SW846 8270	15	1			
174	Diquat	EPA 549.2 Modified	15	1			
175	Diuron	MOE PWAUH-E3436 (MOD)	15	1			
176	Malathion	SW845 8270	15	1			
177	Metolachlor	SW846 8270	15	1			
178	Metribuzin	SW846 8270	15	1			
179	Paraquat	EPA 549.2	15	1			



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180	Pentachlorophenol	SW846 8270	15	1			
181	Phorate	SW846 8270	15	1			
182	Prometryne	SW846 8270	15	1			
183	Simazine	SW846 8270	15	1			
184	Terbufos	SW846 8270	15	1			
185	Triallate	SW846 8270	15	1			
186	Trifluralin	Sw846 8270	15	1			
187	Microcystin	ENVIROGIX QUANTIPLATE KIT	15	1			
188		CAT.EP022	15	1			
189	Nitritotriacetic Acid (NTA)	EPA 430.2	15	1			
190	Gross Alpha	EPA 900.0	15	1			
191	Gross Beta	EPA 900.0	15	1			
192	PFAS (USEPA)	EPA 533	15	1			
193	PFAS (USEPA)	EPA 537.1	15	1			
194	MTBE	EPA 8240B/60B	15	1			
195	Ethylbenzene	502-2	15	1			
196	Toluene	EPA 502.2	15	1			
	Analyte of Concern Soil	Analytical Method Reference					
197	Antimony (Sb)	EPA 200.2.6020A (mod)	20	1			
198	Arsenic (As)	EPA 200.2.6020A (mod)	20	1			
199	Barium (Ba)	EPA 200.2.6020A (mod)	20	1			
200	Beryllium (Be)	EPA 200.2.6020A (mod)	20	1			
201	Boron (B)	EPA 200.2.6020A (mod)	20	1			
202	Cadmium (Cd)	EPA 200.2.6020A (mod)	20	1			
203	Chromium (Cr0)	EPA 200.2.6020A (mod)	20	1			
204	Cobalt (Co)	EPA 200.2.6020A (mod)	20	1			
205	Copper (Cu)	EPA 200.2.6020A (mod)	20	1			
206	Lead (Pb)	EPA 200.2.6020A (mod)	20	1			



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207	Molybdenum (Mo)	EPA 200.2.6020A (mod)	20	1			
208	Nickel (Ni)	EPA 200.2.6020A (mod)	20	1			
209	Selenium (Se)	EPA 200.2.6020A (mod)	20	1			
210	Silver (Ag)	EPA 200.2.6020A (mod)	20	1			
211	Thalium (Tl)	EPA 200.2.6020A (mod)	20	1			
212	Uranium (U)	EPA 200.2.6020A (mod)	20	1			
213	Vanadium (V)	EPA 200.2.6020A (mod)	20	1			
214	Zinc (Zn)	EPA 200.2.6020A (mod)	20	1			
215	1,1,1,2-Tetrachloroethane	SW846 8260 (511)	20	1			
216	1,1,1-Trichloroethane	SW846 8260 (511)	20	1			
217	1,1,2,2-Tetrachloroethane	SW846 8260 (511)	20	1			
218	1,1,2-Trichloroethane	SW846 8260 (511)	20	1			
219	1,1-Dichloroethane	SW846 8260 (511)	20	1			
220	1,1-Dichloroethylene	SW846 8260 (511)	20	1			
221	1,2-Dichlorobenzene	SW846 8260 (511)	20	1			
222	1,2-Dichloroethane	SW846 8260 (511)	20	1			
223	1,2-Dichloropropane	SW846 8260 (511)	20	1			
224	1,3-Dichlorobenzene	SW846 8260 (511)	20	1			
225	1,3-Dichloropropene (cis & Trans)	SW8260B/SW82 70C	20	1			
226	1,4-Dichlorobenzene	SW846 8260 (511)	20	1			
227	1,4-Difluorobenzene	SW846 8260 (511)	20	1			
228	4-Bromofluorobenzene	SW846 8260 (511)	20	1			
229	Acetone	SW846 8260 (511)	20	1			
230	Benzene	SW846 8260 (511)	20	1			
231	Bromodichloromethane	SW846 8260 (511)	20	1			
232	Bromoform	SW846 8260 (511)	20	1			



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233	Bromomethane	SW846 8260 (511)	20	1			
234	Carbom tetrachloride	SW846 8260 (511)	20	1			
235	Chlorobenzene	SW846 8260 (511)	20	1			
236	Dibromochloromethane	SW846 8260 (511)	20	1			
237	Chloroform	SW846 8260 (511)	20	1			
238	Cis-1,2-Dichloroethylene	SW846 8260 (511)	20	1			
239	Cis-1,3-Dichloropropene	SW846 8260 (511)	20	1			
240	Dichlorodifluoromethane	SW846 8260 (511)	20	1			
241	Ethylbenzene	SW846 8260 (511)	20	1			
242	1,2-Dibromoethane	SW846 8260 (511)	20	1			
243	m+p-Xylenes	SW846 8260 (511)	20	1			
244	Methyl Ethyl Ketone	SW846 8260 (511)	20	1			
245	Methl Isobutyl Ketone	SW846 8260 (511)	20	1			
246	MTBE	SW846 8260 (511)	20	1			
247	Methylene Chloride	SW846 8260 (511)	20	1			
248	n-Hexane	SW846 8260 (511)	20	1			
249	o-Xylene	SW846 8260 (511)	20	1			
250	Styrene	SW846 8260 (511)	20	1			
251	Tetrachloroethylene	SW846 8260 (511)	20	1			
252	Toluene	SW846 8260 (511)	20	1			
253	Trans-1,2-Dichloroethylene	SW846 8260 (511)	20	1			
254	Trans-1,3-Dichloropropene	SW846 8260 (511)	20	1			
255	Trichloroethylene	SW846 8260 (511)	20	1			
256	Trichlorofluoromethane	SW846 8260 (511)	20	1			
257	Vinyl chloride	SW846 8260 (511)	20	1			
258	Xylenes (Total)	CALCULATION	20	1			
259	1- Methylnaphthalene	SW846 3510/8270	20	1			
260	Fluorobiphenyl	SW846 3510/8270	20	1			
261	2-Methylnaphthalene	SW846 3510/8270	20	1			
262	Acenaphtalene	SW846 3510/8270	20	1			



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263	d-10-Acenaphthylene	SW846 3510/8270	20	1			
264	Acenaphthene	SW846 3510/8270	20	1			
265	Anthracene	SW846 3510/8270	20	1			
266	Benzo(a)anthracene	SW846 3510/8270	20	1			
267	Benzo(a)pyrene	SW846 3510/8270	20	1			
268	Benzo(b)fluoranthene	SW846 3510/8270	20	1			
269	Benzo(g,h,i)perylene	SW846 3510/8270	20	1			
270	Benzo(k)fluoranthene	SW846 3510/8270	20	1			
271	Chrysene	SW846 3510/8270	20	1			
272	D12-Chrysene	SW846 3510/8270	20	1			
273	Dibenzo(ah)anthracene	SW846 3510/8270	20	1			
274	Fluoranthene	SW846 3510/8270	20	1			
275	Fluorene	SW846 3510/8270	20	1			
276	Indeno(1,2,3-cd)pyrene	SW846 3510/8270	20	1			
277	Napthalene	SW846 3510/8270	20	1			
278	D8-Napthalene	SW846 3510/8270	20	1			
279	p-Terphenyl d14	SW846 3510/8270	20	1			
280	Phenanthrene	SW846 3510/8270	20	1			
281	D10-Phenanthrene	SW846 3510/8270	20	1			
282	Pyrene	SW846 3510/8270	20	1			
283	Total THMs	CALCULATION	20	1			

3. Period - Year 3 (12 months)

Item #	Analyte of Concern Air	Analytical Method Reference	Maximum Routine Annual Estimated Usage	Maximum Urgent Annual Estimated Usage	Media Preparation & Delivery Unit Price	Routine Analysis & Report Unit Price	Urgent Analysis & Report Unit Price
(These lab test must be capable of being done in compliance with both the Routine and Urgent timelines)							
1	Cresol(all isomers) and Phenol	NIOSH 2546 or OSHA 32	40	2			
2	Methylene Chloride	NIOSH 1005	20	1			
3	Methylene Chloride	OSHA 80	20	1			
4	Ketone - Single Ketone Test (Base Price)	NIOSH1300	50	3			
5	Particulate Mercury	OSHA ID-145	5	0			
6	Mercury Vapour	NIOSH 6009	5	0			
7	Particulate not otherwise regulated - Respirable	NIOSH 0600	225	11			



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8	Particulate not otherwise regulated - Total	NIOSH 0500	225	11			
9	Thorium & Uranium on filters	NIOSH 7300	14	1			
10	Silica, Crystalline – all types	NIOSH 7500	210	11			
11	Silica, Crystalline bulk – all types	NIOSH 7500	40	2			
12	VOCs individually qualified and quantified by open characterization	OSHA 7	350	18			
13	1,3-Butadiene	NIOSH 1024 or OSHA 56	4	0			
14	Sulfur Dioxide	NIOSH 6004	125	6			
15	Nitride Oxide and / or Nitrogen Dioxide	NIOSH 6014	125	6			
16	Elemental Carbon	NIOSH 5040	2	0			
17	Acetaldehyde (separate tubes)	OSHA 68 or EPA TO-11	6	0			
18	Formaldehyde (separate tubes)	OSHA 52	6	0			
19	Lead wipes	OSHA ID-125G	45	2			
20	Lead in Air	NIOSH 7300	70	4			
21	Beryllium(Be) Wipes	NIOSH 9100	90	5			
22	Particulate Matter (PM ₁₀ / PM _{2.5})	NIOSH 0600	300	15			
23	Lead and Copper in Air	NIOSH 7303 (Pb & Cu)	50	4			
24	Cyclonite (RDX) in Air	OSHA PV2135	25	3			
	Analyte of Concern Air	Analytical Method Reference					
25	PAH's /SVOCs	NIOSH 5506	260	17			
26	Metals – individual or scan	NIOSH 7300	60	3			
27	Asbestos bulk	NIOSH 9002 or EPA/600/R-93/116	25	1			
28	Total Fiber Analysis by PCM	NIOSH 7400	20	1			
29	Asbestos structures	D6480-05 (TEM)	150	0			
30	Asbestos Airborne by TEM	NIOSH 7402	90	6			
31	Asbestos Structures in DUST	ASTM D5755 in accordance with US EPA YAMATE level II or AHERA method	40	5			
32	Cyanide (Particulate phase)	NIOSH 7904	4	1			
33	Cyanide (Gaseous phase)	NIOSH 7904	4	1			
34	Nitroaromatic compounds	NIOSH 2005	4	1			
35	Total Hydrocarbon (reported as n-hexane)	NIOSH 1550	10	1			
36	Nitric Acid	NIOSH 7903	10	1			
37	Nitric oxide-NO	OSHA ID-190	10	1			
38	Nitrogen dioxide-NO2	OSHA ID-182	100	6			
39	Sulphur Dioxide-SO2	OSHA ID-200	100	6			



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40	Aldehyde Scan - individually qualified and quantified	NIOSH 2539 or EPA-TO-11	2	0			
41	Hydrogen Sulfide-H ₂ S	NIOSH 6013 or OSHA 1008	60	3			
42	Sulfuric Acid Mist	OSHA ID-113	60	3			
43	Vinylidene Chloride	NIOSH 1015	10	1			
44	Group A – Benzene, ethylbenzene, toluene, xylenes (BTEX)	NIOSH 1501 or OSHA 7	15	1			
45	NIOSH 1501, Group B – cumene, alpha-methylstyrene, styrene, p-tert-butyltoluene (also called 4-t-butyltoluene).	NIOSH 1501 or OSHA 7	10	1			
46	Naphtha (includes mixtures such as stoddard solvent, mineral spirits, kerosene, and total hydrocarbons).	NIOSH 1550	20	2			
47	Polychlorinated biphenyls (PCBs).	NIOSH 5503	2	0			
48	Organonitrogen pesticides	NIOSH 5601	5	0			
49	Isocyanates (monomers, such as MDI; HDI; 2,4-TDI; 2,6-TDI).	OSHA 42 or 47	20	1			
50	Isocyanates.	Iso-chek®	10	1			
51	Crushing of rock	CARB435	1	0			
52	Silica, bulk	Modified NIOSH 7500	5	0			
53	Dioxins and Furans	EPA TO-9 / EPA8290	115	6			
54	Mould-Viable	Genus/species Agar Method/	20	5			
55		Spore Trap	100	4			
56	Mould-Total	Genus-Spore Trap	150	20			
57	Endotoxins	Kinetic Chromogenic Method	2	0			
58	Hexavalent Chromium Cr(VI)	OSHA ID-215	25	5			
59	Metal Working Fluids	NIOSH 5524	20	5			
60	Diesel Particulate Matter	NIOSH 5040	20	5			
	Analyte of Concern Water	Analytical Method Reference					
61	PFA's	EPA 537.1/537 revised 1.1	10	1			
62	Color,,Apparent	APHA 2120	15	1			
63	Hardness (as CaCO ₃)	APHA 2340 B	15	1			
64	Total Dissolved Solids	APHA 2540C	15	1			
65	Bromate	EPA 6850	15	1			
66	Chlorate	EPA 300.1 Ion Chromatography	15	1			
67	Chloride(Cl)	EPA 300.1 (mod)	15	1			
68	Chlorite	EPA 300.1 Ion Chromatography	15	1			
69	Fluoride (F)	EPA 300.1 (mod)	15	1			



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70	Nitrate and Nitrite as N	APHA 4110B	15	1			
71	Nitrate (as N)	EPA 300.1 (mod)	15	1			
72	Nitrite (as N)	EPA300.1 (mod)	25	1			
73	Sulfate (SO4)	EPA 300.1 (mod)	15	1			
74	Sulphide (as S)	APHA 4500S2D	15	1			
75	Cyanide, Total	APHA 4500CN C E-Strong	15	1			
76		Acid Dist Colorim	15	1			
77	Chloramines	APHA 4500-CI B	15	1			
78	Chlorine, Free	SM 4500-CL G, EPA 330.5	15	1			
79	Chlorine, Total	APHA 4500- CL G	15	1			
80	Aluminum (Al)	EPA 6020A	15	1			
81	Antimony (Sb)	EPA 6020A	15	1			
82	Arsenic (As)	EPA 6020A	15	1			
83	Barium (Ba)	EPA 6020A	15	1			
84	Beryllium (Be)	EPA 6020A	15	1			
85	Bismuth (Bi)	EPA6020A	15	1			
86	Boron (B)	EPA 6020A	15	1			
87	Cadmium (Cd)	EPA 6020A	15	1			
88	Calcium (Ca)	EPA 6020A	15	1			
89	Chromium (Cr)	EPA 6020A	15	1			
90	Cobalt (Co)	EPA 6020A	15	1			
91	Copper (Cu)	EPA 6020A	15	1			
92	Iron (Fe)	EPA 6020A	15	1			
93	Lead (Pb)	EPA 6020A	15	1			
94	Lithium (Li)	EPA 6020A	15	1			
95	Magnesium (Mg)	EPA 6020A	15	1			
96	Manganese (Mn)	EPA 6020A	15	1			
97	Mercury	EPA 1631E (mod)	15	1			
98	Molybdenum (Mo)	EPA 6020A	15	1			
99	Nickel (Ni)	EPA 6020 A	15	1			
100	Phosphorus (P)	EPA 6020A	15	1			
101	Potassium (K)	EPA 6020A	15	1			
102	Selenium (Se)	EPA 6020A	15	1			
103	Silicon (Si)	EPA 6020A	15	1			
104	Silver (Ag)	EPA 6020A	15	1			
105	Sodium (Na)	EPA6020A	15	1			
106	Stronium (Sr)	EPA 6020A	15	1			
107	Thallium (Tl)	EPA 6020A	15	1			
108	Tin (Sn)	EPA 6020A	15	1			
109	Titanium (Ti)	EPA 6020A	15	1			



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110	Tungsten (W)	EPA 6020A	15	1			
111	Uranium (U)	EPA 6020A	15	1			
112	Vanadium (V)	EPA 6020A	25	1			
113	Zinc (Zn)	EPA 6020A	15	1			
114	Zirconium (Zr)	EPA 6020A	15	1			
115	1,1-dichloroethylene (vinylidene Chloride)	SW846 8260	15	1			
116	1,2-Dichlorobenzene	SW846 8260	15	1			
117	1,2-dichloroethane	SW846 8260	15	1			
118	1,4 Dichlorobenzene	SW846 8260	15	1			
119	1,4-Difluorobenzene	SW846 8260	15	1			
120	4-Bromofluorobenzene	SW846 8260	15	1			
121	Benzene	SW846 8260	15	1			
122	Carbon tetrachloride	SW846 8260	15	1			
123	Monochlorobenzene	SW846 8260	15	1			
124	Dichloromethane	SW846 8260	15	1			
125	Tetrachoroethylene (perchloroethylene)	Sw845 8260	15	1			
126	Trichloroethylene	SW846 8260	15	1			
127	Vinyl chloride	SW845 8260	15	1			
128	Xylenes (Total)	Calculation	15	1			
129	Total water Trihalomethanes	Calculation	15	1			
130	2-Bromobutanoic Acid	EPA 552.3	15	1			
131	Bromochloroacetic Acid	EPA 552.3	15	1			
132	Bromodichloroacetic Acid	EPA 552.3	15	1			
133	Chlorodibromoacetic Acid	EPA 552.3	15	1			
134	Dalapon	EPA 552.3	15	1			
135	Dibromoacetic Acid	EPA 552.3	15	1			
136	Dichloroacetic Acid	EPA 552.3	15	1			
137	Total Haloacetic Acids 5	Calculation	15	1			
138	Bromoacetic Acid	EPA 552.3	15	1			
139	Chloroacetic Acid	EPA 552.3	15	1			
140	Tribromoacetic Acid	EPA 552.3	15	1			
141	Trichloroacetic Acid	EPA 552.3	15	1			
142	Formaldehyde	EPA 556.1	15	1			
143	N-Nitrosodimethylamine	MOE E3291	15	1			
144	N-Nitrosodimethylamine-d6	MOE E3291	15	1			
145	2,4,5-T	SW846 8270	15	1			
146	2,4,5,-TP	SW846 8270	15	1			
147	2,4-D	SW846 8270	15	1			
148	2,4-D	SW846 8270	15	1			
149	2,4-Dichlorophenylacetic Acid	SW846 8270	15	1			
150	Bromoxynil	SW846 8270	15	1			



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151	Dicamba	SW846 8270	15	1			
152	Dinoseb	SW846 8270	15	1			
153	Glyphosate	MOE E3500	15	1			
154	MCPA	SW846 8270	15	1			
155	Mecoprop	SW846 8270	15	1			
156	Picloram	SW846 8270	15	1			
157	2,3,4,6-Tetrachlorophenol	SW846 8270	15	1			
158	2,4,6-Tribromophenol	Sw846 8270	15	1			
159	2,4,6-Trichlorophenol	SW846 8270	15	1			
160	2,4 Dichlorophenol	SW846 8270	15	1			
161	2-Fluorobiphenyl	SW846 8270	15	1			
162	Alachlor	SW846 8270	15	1			
163	Atrazine	SW846 8270	15	1			
164	Atrazine Desethyl	SW846 8270	15	1			
165	Atrazine & Metabolites	SW846 8270	15	1			
166	Azinphos-methyl	SW846 8270	15	1			
167	Benzo(a)pyrene	SW846 8270	15	1			
168	Carbaryl	SW846 8270	15	1			
169	Carbofuran	SW846 8270	15	1			
170	Chlorpyrifos	SW846 8270	15	1			
171	Diazinon	SW846 8270	15	1			
172	Diclofop-methyl	SW846 8270	15	1			
173	Dimethoate	SW846 8270	15	1			
174	Diquat	EPA 549.2 Modified	15	1			
175	Diuron	MOE PWAUH- E3436 (MOD)	15	1			
176	Malathion	SW845 8270	15	1			
177	Metolachlor	SW846 8270	15	1			
178	Metribuzin	SW846 8270	15	1			
179	Paraquat	EPA 549.2	15	1			
180	Pentachlorophenol	SW846 8270	15	1			
181	Phorate	SW846 8270	15	1			
182	Prometryne	SW846 8270	15	1			
183	Simazine	SW846 8270	15	1			
184	Terbufos	SW846 8270	15	1			
185	Triallate	SW846 8270	15	1			
186	Trifluralin	Sw846 8270	15	1			
187	Microcystin	ENVIROGIX QUANTIPLATE KIT	15	1			
188		CAT.EP022	15	1			
189	Nitritotriacetic Acid (NTA)	EPA 430.2	15	1			
190	Cross Alpha	EPA 900.0	15	1			



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191	Gross Beta	EPA 900.0	15	1			
192	PFAS (USEPA)	EPA 533	15	1			
193	PFAS (USEPA)	EPA 537.1	15	1			
194	MTBE	EPA 8240B/60B	15	1			
195	Ethylbenzene	502-2	15	1			
196	Toluene	EPA 502.2	15	1			
	Analyte of Concern Soil	Analytical Method Reference					
197	Antimony (Sb)	EPA 200.2.6020A (mod)	20	1			
198	Arsenic (As)	EPA 200.2.6020A (mod)	20	1			
199	Barium (Ba)	EPA 200.2.6020A (mod)	20	1			
200	Beryllium (Be)	EPA 200.2.6020A (mod)	20	1			
201	Boron (B)	EPA 200.2.6020A (mod)	20	1			
202	Cadmium (Cd)	EPA 200.2.6020A (mod)	20	1			
203	Chromium (Cr0)	EPA 200.2.6020A (mod)	20	1			
204	Cobalt (Co)	EPA 200.2.6020A (mod)	20	1			
205	Copper (Cu)	EPA 200.2.6020A (mod)	20	1			
206	Lead (Pb)	EPA 200.2.6020A (mod)	20	1			
207	Molybdenum (Mo)	EPA 200.2.6020A (mod)	20	1			
208	Nickel (Ni)	EPA 200.2.6020A (mod)	20	1			
209	Selenium (Se)	EPA 200.2.6020A (mod)	20	1			
210	Silver (Ag)	EPA 200.2.6020A (mod)	20	1			
211	Thallium (Tl)	EPA 200.2.6020A (mod)	20	1			
212	Uranium (U)	EPA 200.2.6020A (mod)	20	1			



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213	Vanadium (V)	EPA 200.2.6020A (mod)	20	1			
214	Zinc (Zn)	EPA 200.2.6020A (mod)	20	1			
215	1,1,1,2-Tetrachloroethane	SW846 8260 (511)	20	1			
216	1,1,1-Trichloroethane	SW846 8260 (511)	20	1			
217	1,1,2,2-Tetrachloroethane	SW846 8260 (511)	20	1			
218	1,1,2-Trichloroethane	SW846 8260 (511)	20	1			
219	1,1-Dichloroethane	SW846 8260 (511)	20	1			
220	1,1-Dichloroethylene	SW846 8260 (511)	20	1			
221	1,2-Dichlorobenzene	SW846 8260 (511)	20	1			
222	1,2-Dichloroethane	SW846 8260 (511)	20	1			
223	1,2-Dichloropropane	SW846 8260 (511)	20	1			
224	1,3-Dichlorobenzene	SW846 8260 (511)	20	1			
225	1,3-Dichloropropene (cis & Trans)	SW8260B/SW82 70C	20	1			
226	1,4-Dichlorobenzene	SW846 8260 (511)	20	1			
227	1,4-Difluorobenzene	SW846 8260 (511)	20	1			
228	4-Bromofluotobenzene	SW846 8260 (511)	20	1			
229	Acetone	SW846 8260 (511)	20	1			
230	Benzene	SW846 8260 (511)	20	1			
231	Bromodichloromethane	SW846 8260 (511)	20	1			
232	Bromoform	SW846 8260 (511)	20	1			
233	Bromomethane	SW846 8260 (511)	20	1			
234	Carbom tetrachloride	SW846 8260 (511)	20	1			
235	Chlorobenzene	SW846 8260 (511)	20	1			
236	Dibromochloromethane	SW846 8260 (511)	20	1			
237	Chloroform	SW846 8260 (511)	20	1			
238	Cis-1,2-Dichloroethylene	SW846 8260 (511)	20	1			
239	Cis-1,3-Dichloropropene	SW846 8260 (511)	20	1			
240	Dichlorodifluoromethane	SW846 8260 (511)	20	1			
241	Ethylbenzene	SW846 8260 (511)	20	1			



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242	1,2-Dibromoethane	SW846 8260 (511)	20	1			
243	m+p-Xylenes	SW846 8260 (511)	20	1			
244	Methyl Ethyl Ketone	SW846 8260 (511)	20	1			
245	Methyl Isobutyl Ketone	SW846 8260 (511)	20	1			
246	MTBE	SW846 8260 (511)	20	1			
247	Methylene Chloride	SW846 8260 (511)	20	1			
248	n-Hexane	SW846 8260 (511)	20	1			
249	o-Xylene	SW846 8260 (511)	20	1			
250	Styrene	SW846 8260 (511)	20	1			
251	Tetrachloroethylene	SW846 8260 (511)	20	1			
252	Toluene	SW846 8260 (511)	20	1			
253	Trans-1,2-Dichloroethylene	SW846 8260 (511)	20	1			
254	Trans-1,3-Dichloropropene	SW846 8260 (511)	20	1			
255	Trichloroethylene	SW846 8260 (511)	20	1			
256	Trichlorofluoromethane	SW846 8260 (511)	20	1			
257	Vinyl chloride	SW846 8260 (511)	20	1			
258	Xylenes (Total)	CALCULATION	20	1			
259	1- Methylanthralene	SW846 3510/8270	20	1			
260	Fluorobiphenyl	SW846 3510/8270	20	1			
261	2-Methylanthralene	SW846 3510/8270	20	1			
262	Acenaphthalene	SW846 3510/8270	20	1			
263	d-10-Acenaphthylene	SW846 3510/8270	20	1			
264	Acenaphthene	SW846 3510/8270	20	1			
265	Anthracene	SW846 3510/8270	20	1			
266	Benzo(a)anthracene	SW846 3510/8270	20	1			
267	Benzo(a)pyrene	SW846 3510/8270	20	1			
268	Benzo(b)fluoranthene	SW846 3510/8270	20	1			
269	Benzo(g,h,i)perylene	SW846 3510/8270	20	1			
270	Benzo(k)fluoranthene	SW846 3510/8270	20	1			
271	Chrysene	SW846 3510/8270	20	1			
272	D12-Chrysene	SW846 3510/8270	20	1			



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273	Dibenzo(ah)anthracene	SW846 3510/8270	20	1			
274	Fluoranthene	SW846 3510/8270	20	1			
275	Fluorene	SW846 3510/8270	20	1			
276	Indeno(1,2,3-cd)pyrene	SW846 3510/8270	20	1			
277	Napthalene	SW846 3510/8270	20	1			
278	D8-Napthalene	SW846 3510/8270	20	1			
279	p-Terphenyl d14	SW846 3510/8270	20	1			
280	Phenanthrene	SW846 3510/8270	20	1			
281	D10-Phenanthrene	SW846 3510/8270	20	1			
282	Pyrene	SW846 3510/8270	20	1			
283	Total THMs	CALCULATION	20	1			

4. Period - Year 4 (12 months)

Item #	Analyte of Concern Air	Analytical Method Reference	Maximum Routine Annual Estimated Usage	Maximum Urgent Annual Estimated Usage	Media Preparation & Delivery Unit Price	Routine Analysis & Report Unit Price	Urgent Analysis & Report Unit Price
(These lab test must be capable of being done in compliance with both the Routine and Urgent timelines)							
1	Cresol(all isomers) and Phenol	NIOSH 2546 or OSHA 32	40	2			
2	Methylene Chloride	NIOSH 1005	20	1			
3	Methylene Chloride	OSHA 80	20	1			
4	Ketone - Single Ketone Test (Base Price)	NIOSH1300	50	3			
5	Particulate Mercury	OSHA ID-145	5	0			
6	Mercury Vapour	NIOSH 6009	5	0			
7	Particulate not otherwise regulated - Respirable	NIOSH 0600	225	11			
8	Particulate not otherwise regulated - Total	NIOSH 0500	225	11			
9	Thorium & Uranium on filters	NIOSH 7300	14	1			
10	Silica, Crystalline – all types	NIOSH 7500	210	11			
11	Silica, Crystalline bulk – all types	NIOSH 7500	40	2			
12	VOCs individually qualified and quantified by open characterization	OSHA 7	350	18			
13	1,3-Butadiene	NIOSH 1024 or OSHA 56	4	0			
14	Sulfur Dioxide	NIOSH 6004	125	6			
15	Nitride Oxide and / or Nitrogen Dioxide	NIOSH 6014	125	6			
16	Elemental Carbon	NIOSH 5040	2	0			
17	Acetaldehyde (separate tubes)	OSHA 68 or EPA TO-11	6	0			



18	Formaldehyde (separate tubes)	OSHA 52	6	0			
19	Lead wipes	OSHA ID-125G	45	2			
20	Lead in Air	NIOSH 7300	70	4			
21	Beryllium(Be) Wipes	NIOSH 9100	90	5			
22	Particulate Matter (PM ₁₀ / PM _{2.5})	NIOSH 0600	300	15			
23	Lead and Copper in Air	NIOSH 7303 (Pb & Cu)	50	4			
24	Cyclonite (RDX) in Air	OSHA PV2135	25	3			
	Analyte of Concern Air	Analytical Method Reference					
25	PAH's /SVOCs	NIOSH 5506	260	17			
26	Metals – individual or scan	NIOSH 7300	60	3			
27	Asbestos bulk	NIOSH 9002 or EPA/600/R-93/116	25	1			
28	Total Fiber Analysis by PCM	NIOSH 7400	20	1			
29	Asbestos structures	D6480-05 (TEM)	150	0			
30	Asbestos Airborne by TEM	NIOSH 7402	90	6			
31	Asbestos Structures in DUST	ASTM D5755 in accordance with US EPA YAMATE level II or AHERA method	40	5			
32	Cyanide (Particulate phase)	NIOSH 7904	4	1			
33	Cyanide (Gaseous phase)	NIOSH 7904	4	1			
34	Nitroaromatic compounds	NIOSH 2005	4	1			
35	Total Hydrocarbon (reported as n-hexane)	NIOSH 1550	10	1			
36	Nitric Acid	NIOSH 7903	10	1			
37	Nitric oxide-NO	OSHA ID-190	10	1			
38	Nitrogen dioxide-NO ₂	OSHA ID-182	100	6			
39	Sulphur Dioxide-SO ₂	OSHA ID-200	100	6			
40	Aldehyde Scan - individually qualified and quantified	NIOSH 2539 or EPA-TO-11	2	0			
41	Hydrogen Sulfide-H ₂ S	NIOSH 6013 or OSHA 1008	60	3			
42	Sulfuric Acid Mist	OSHA ID-113	60	3			
43	Vinylidene Chloride	NIOSH 1015	10	1			
44	Group A – Benzene, ethylbenzene, toluene, xylenes (BTEX)	NIOSH 1501 or OSHA 7	15	1			
45	NIOSH 1501, Group B – cumene, alpha-methylstyrene, styrene, p-tert-butyltoluene (also called 4-t-butyltoluene).	NIOSH 1501 or OSHA 7	10	1			
46	Naphtha (includes mixtures such as stoddard solvent, mineral spirits, kerosene, and total hydrocarbons).	NIOSH 1550	20	2			
47	Polychlorinated biphenyls (PCBs).	NIOSH 5503	2	0			



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48	Organonitrogen pesticides	NIOSH 5601	5	0			
49	Isocyanates (monomers, such as MDI; HDI; 2,4-TDI; 2,6-TDI).	OSHA 42 or 47	20	1			
50	Isocyanates.	Iso-chek®	10	1			
51	Crushing of rock	CARB435	1	0			
52	Silica, bulk	Modified NIOSH 7500	5	0			
53	Dioxins and Furans	EPA TO-9 / EPA8290	115	6			
54	Mould-Viable	Genus/species Agar Method/	20	5			
55		Spore Trap	100	4			
56	Mould-Total	Genus-Spore Trap	150	20			
57	Endotoxins	Kinetic Chromogenic Method	2	0			
58	Hexavalent Chromium Cr(VI)	OSHA ID-215	25	5			
59	Metal Working Fluids	NIOSH 5524	20	5			
60	Diesel Particulate Matter	NIOSH 5040	20	5			
	Analyte of Concern Water	Analytical Method Reference					
61	PFA's	EPA 537.1/537 revised 1.1	10	1			
62	Color,,Apparent	APHA 2120	15	1			
63	Hardness (as CaCO3)	APHA 2340 B	15	1			
64	Total Dissolved Solids	APHA 2540C	15	1			
65	Bromate	EPA 6850	15	1			
66	Chlorate	EPA 300.1 Ion Chromatography	15	1			
67	Chloride(Cl)	EPA 300.1 (mod)	15	1			
68	Chlorite	EPA 300.1 Ion Chromatography	15	1			
69	Fluoride (F)	EPA 300.1 (mod)	15	1			
70	Nitrate and Nitrite as N	APHA 4110B	15	1			
71	Nitrate (as N)	EPA 300.1 (mod)	15	1			
72	Nitrite (as N)	EPA300.1 (mod)	25	1			
73	Sulfate (SO4)	EPA 300.1 (mod)	15	1			
74	Sulphide (as S)	APHA 4500S2D	15	1			
75	Cyanide, Total	APHA 4500CN C E-Strong	15	1			
76		Acid Dist Colorim	15	1			
77	Chloramines	APHA 4500-Cl B	15	1			
78	Chlorine, Free	SM 4500-CL G, EPA 330.5	15	1			
79	Chlorine, Total	APHA 4500-CL G	15	1			
80	Aluminum (Al)	EPA 6020A	15	1			



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81	Antimony (Sb)	EPA 6020A	15	1			
82	Arsenic (As)	EPA 6020A	15	1			
83	Barium (Ba)	EPA 6020A	15	1			
84	Beryllium (Be)	EPA 6020A	15	1			
85	Bismuth (Bi)	EPA6020A	15	1			
86	Boron (B)	EPA 6020A	15	1			
87	Cadmium (Cd)	EPA 6020A	15	1			
88	Calcium (Ca)	EPA 6020A	15	1			
89	Chromium (Cr)	EPA 6020A	15	1			
90	Cobalt (Co)	EPA 6020A	15	1			
91	Copper (Cu)	EPA 6020A	15	1			
92	Iron (Fe)	EPA 6020A	15	1			
93	Lead (Pb)	EPA 6020A	15	1			
94	Lithium (Li)	EPA 6020A	15	1			
95	Magnesium (Mg)	EPA 6020A	15	1			
96	Manganese (Mn)	EPA 6020A	15	1			
97	Mercury	EPA 1631E (mod)	15	1			
98	Molybdenum (Mo)	EPA 6020A	15	1			
99	Nickel (Ni)	EPA 6020 A	15	1			
100	Phosphorus (P)	EPA 6020A	15	1			
101	Potassium (K)	EPA 6020A	15	1			
102	Selenium (Se)	EPA 6020A	15	1			
103	Silicon (Si)	EPA 6020A	15	1			
104	Silver (Ag)	EPA 6020A	15	1			
105	Sodium (Na)	EPA6020A	15	1			
106	Stronium (Sr)	EPA 6020A	15	1			
107	Thallium (Tl)	EPA 6020A	15	1			
108	Tin (Sn)	EPA 6020A	15	1			
109	Titanium (Ti)	EPA 6020A	15	1			
110	Tungsten (W)	EPA 6020A	15	1			
111	Uranium (U)	EPA 6020A	15	1			
112	Vanadium (V)	EPA 6020A	25	1			
113	Zinc (Zn)	EPA 6020A	15	1			
114	Zirconium (Zr)	EPA 6020A	15	1			
115	1,1-dichloroethylene (vinylidene Chloride)	SW846 8260	15	1			
116	1,2-Dichlorobenzene	SW846 8260	15	1			
117	1,2-dichloroethane	SW846 8260	15	1			
118	1,4 Dichlorobenzene	SW846 8260	15	1			
119	1,4-Difluorobenzene	SW846 8260	15	1			
120	4-Bromofluorobenzene	SW846 8260	15	1			
121	Benzene	SW846 8260	15	1			



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122	Carbon tetrachloride	SW846 8260	15	1			
123	Monochlorobenzene	SW846 8260	15	1			
124	Dichloromethane	SW846 8260	15	1			
125	Tetrachloroethylene (perchloroethylene)	Sw845 8260	15	1			
126	Trichloroethylene	SW846 8260	15	1			
127	Vinyl chloride	SW845 8260	15	1			
128	Xylenes (Total)	Calculation	15	1			
129	Total water Trihalomethanes	Calculation	15	1			
130	2-Bromobutanoic Acid	EPA 552.3	15	1			
131	Bromochloroacetic Acid	EPA 552.3	15	1			
132	Bromodichloroacetic Acid	EPA 552.3	15	1			
133	Chlorodibromoacetic Acid	EPA 552.3	15	1			
134	Dalapon	EPA 552.3	15	1			
135	Dibromoacetic Acid	EPA 552.3	15	1			
136	Dichloroacetic Acid	EPA 552.3	15	1			
137	Total Haloacetic Acids 5	Calculation	15	1			
138	Bromoacetic Acid	EPA 552.3	15	1			
139	Chloroacetic Acid	EPA 552.3	15	1			
140	Tribromoacetic Acid	EPA 552.3	15	1			
141	Trichloroacetic Acid	EPA 552.3	15	1			
142	Formaldehyde	EPA 556.1	15	1			
143	N-Nitrosodimethylamine	MOE E3291	15	1			
144	N-Nitrosodimethylamine-d6	MOE E3291	15	1			
145	2,4,5-T	SW846 8270	15	1			
146	2,4,5,-TP	SW846 8270	15	1			
147	2,4-D	SW846 8270	15	1			
148	2,4-D	SW846 8270	15	1			
149	2,4-Dichlorophenylacetic Acid	SW846 8270	15	1			
150	Bromoxynil	SW846 8270	15	1			
151	Dicamba	SW846 8270	15	1			
152	Dinoseb	SW846 8270	15	1			
153	Glyphosate	MOE E3500	15	1			
154	MCPA	SW846 8270	15	1			
155	Mecoprop	SW846 8270	15	1			
156	Picloram	SW846 8270	15	1			
157	2,3,4,6-Tetrachlorophenol	SW846 8270	15	1			
158	2,4,6-Tribromophenol	Sw846 8270	15	1			
159	2,4,6-Trichlorophenol	SW846 8270	15	1			
160	2,4 Dichlorophenol	SW846 8270	15	1			
161	2-Fluorobiphenyl	SW846 8270	15	1			
162	Alachlor	SW846 8270	15	1			



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163	Atrazine	SW846 8270	15	1			
164	Atrazine Desethyl	SW846 8270	15	1			
165	Atrazine & Metabolites	SW846 8270	15	1			
166	Azinphos-methyl	SW846 8270	15	1			
167	Benzo(a)pyrene	SW846 8270	15	1			
168	Carbaryl	SW846 8270	15	1			
169	Carbofuran	SW846 8270	15	1			
170	Chlorpyrifos	SW846 8270	15	1			
171	Diazinon	SW846 8270	15	1			
172	Diclofop-methyl	SW846 8270	15	1			
173	Dimethoate	SW846 8270	15	1			
174	Diquat	EPA 549.2 Modified	15	1			
175	Diuron	MOE PWAUH-E3436 (MOD)	15	1			
176	Malathion	SW845 8270	15	1			
177	Metolachlor	SW846 8270	15	1			
178	Metribuzin	SW846 8270	15	1			
179	Paraquat	EPA 549.2	15	1			
180	Pentachlorophenol	SW846 8270	15	1			
181	Phorate	SW846 8270	15	1			
182	Prometryne	SW846 8270	15	1			
183	Simazine	SW846 8270	15	1			
184	Terbufos	SW846 8270	15	1			
185	Triallate	SW846 8270	15	1			
186	Trifluralin	Sw846 8270	15	1			
187	Microcystin	ENVIROGIX QUANTIPLATE KIT	15	1			
188		CAT.EP022	15	1			
189	Nitritotriacetic Acid (NTA)	EPA 430.2	15	1			
190	Gross Alpha	EPA 900.0	15	1			
191	Gross Beta	EPA 900.0	15	1			
192	PFAS (USEPA)	EPA 533	15	1			
193	PFAS (USEPA)	EPA 537.1	15	1			
194	MTBE	EPA 8240B/60B	15	1			
195	Ethylbenzene	502-2	15	1			
196	Toluene	EPA 502.2	15	1			
	Analyte of Concern Soil	Analytical Method Reference					
197	Antimony (Sb)	EPA 200.2.6020A (mod)	20	1			



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198	Arsenic (As)	EPA 200.2.6020A (mod)	20	1			
199	Barium (Ba)	EPA 200.2.6020A (mod)	20	1			
200	Beryllium (Be)	EPA 200.2.6020A (mod)	20	1			
201	Boron (B)	EPA 200.2.6020A (mod)	20	1			
202	Cadmium (Cd)	EPA 200.2.6020A (mod)	20	1			
203	Chromium (Cr0)	EPA 200.2.6020A (mod)	20	1			
204	Cobalt (Co)	EPA 200.2.6020A (mod)	20	1			
205	Copper (Cu)	EPA 200.2.6020A (mod)	20	1			
206	Lead (Pb)	EPA 200.2.6020A (mod)	20	1			
207	Molybdenum (Mo)	EPA 200.2.6020A (mod)	20	1			
208	Nickel (Ni)	EPA 200.2.6020A (mod)	20	1			
209	Selenium (Se)	EPA 200.2.6020A (mod)	20	1			
210	Silver (Ag)	EPA 200.2.6020A (mod)	20	1			
211	Thalium (Tl)	EPA 200.2.6020A (mod)	20	1			
212	Uranium (U)	EPA 200.2.6020A (mod)	20	1			
213	Vanadium (V)	EPA 200.2.6020A (mod)	20	1			
214	Zinc (Zn)	EPA 200.2.6020A (mod)	20	1			
215	1,1,1,2-Tetrachloroethane	SW846 8260 (511)	20	1			
216	1,1,1-Trichloroethane	SW846 8260 (511)	20	1			
217	1,1,2,2-Tetrachloroethane	SW846 8260 (511)	20	1			
218	1,1,2-Trichloroethane	SW846 8260 (511)	20	1			
219	1,1-Dichloroethane	SW846 8260 (511)	20	1			



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220	1,1-Dichloroethylene	SW846 8260 (511)	20	1			
221	1,2-Dichlorobenzene	SW846 8260 (511)	20	1			
222	1,2-Dichloroethane	SW846 8260 (511)	20	1			
223	1,2-Dichloropropane	SW846 8260 (511)	20	1			
224	1,3-Dichlorobenzene	SW846 8260 (511)	20	1			
225	1,3-Dichloropropene (cis & Trans)	SW8260B/SW8270C	20	1			
226	1,4-Dichlorobenzene	SW846 8260 (511)	20	1			
227	1,4-Difluorobenzene	SW846 8260 (511)	20	1			
228	4-Bromofluorobenzene	SW846 8260 (511)	20	1			
229	Acetone	SW846 8260 (511)	20	1			
230	Benzene	SW846 8260 (511)	20	1			
231	Bromodichloromethane	SW846 8260 (511)	20	1			
232	Bromoform	SW846 8260 (511)	20	1			
233	Bromomethane	SW846 8260 (511)	20	1			
234	Carbom tetrachloride	SW846 8260 (511)	20	1			
235	Chlorobenzene	SW846 8260 (511)	20	1			
236	Dibromochloromethane	SW846 8260 (511)	20	1			
237	Chloroform	SW846 8260 (511)	20	1			
238	Cis-1,2-Dichloroethylene	SW846 8260 (511)	20	1			
239	Cis-1,3-Dichloropropene	SW846 8260 (511)	20	1			
240	Dichlorodifluoromethane	SW846 8260 (511)	20	1			
241	Ethylbenzene	SW846 8260 (511)	20	1			
242	1,2-Dibromoethane	SW846 8260 (511)	20	1			
243	m+p-Xylenes	SW846 8260 (511)	20	1			
244	Methyl Ethyl Ketone	SW846 8260 (511)	20	1			
245	Methyl Isobutyl Ketone	SW846 8260 (511)	20	1			
246	MTBE	SW846 8260 (511)	20	1			
247	Methylene Chloride	SW846 8260 (511)	20	1			
248	n-Hexane	SW846 8260 (511)	20	1			
249	o-Xylene	SW846 8260 (511)	20	1			



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250	Styrene	SW846 8260 (511)	20	1			
251	Tetraxhloroethylene	SW846 8260 (511)	20	1			
252	Toluene	SW846 8260 (511)	20	1			
253	Trans-1,2-Dixhloroethylene	SW846 8260 (511)	20	1			
254	Trans-1,3-Dichloropropene	SW846 8260 (511)	20	1			
255	Trichloroethylene	SW846 8260 (511)	20	1			
256	Trichlorofluoromethane	SW846 8260 (511)	20	1			
257	Vinyl chloride	SW846 8260 (511)	20	1			
258	Xylenes (Total)	CALCULATION	20	1			
259	1- Methylnaphthalene	SW846 3510/8270	20	1			
260	Fluorobiphenyl	SW846 3510/8270	20	1			
261	2-Methylnaphthalene	SW846 3510/8270	20	1			
262	Acenaphtalene	SW846 3510/8270	20	1			
263	d-10-Acenaphthylene	SW846 3510/8270	20	1			
264	Acenaphthene	SW846 3510/8270	20	1			
265	Anthracene	SW846 3510/8270	20	1			
266	Benzo(a)anthracene	SW846 3510/8270	20	1			
267	Benzo(a)pyrene	SW846 3510/8270	20	1			
268	Benzo(b)fluoranthene	SW846 3510/8270	20	1			
269	Benzo(g,h,i)perylene	SW846 3510/8270	20	1			
270	Benzo(k)fluoranthene	SW846 3510/8270	20	1			
271	Chrysene	SW846 3510/8270	20	1			
272	D12-Chrysene	SW846 3510/8270	20	1			
273	Dibenzo(ah)anthracene	SW846 3510/8270	20	1			
274	Fluoranthene	SW846 3510/8270	20	1			
275	Fluorene	SW846 3510/8270	20	1			
276	Indeno(1,2,3-cd)pyrene	SW846 3510/8270	20	1			
277	Naphtalene	SW846 3510/8270	20	1			
278	D8-Naphtalene	SW846 3510/8270	20	1			
279	p-Terphenyl d14	SW846 3510/8270	20	1			
280	Phenanthrene	SW846 3510/8270	20	1			
281	D10-Phenanthrene	SW846 3510/8270	20	1			



282	Pyrene	SW846 3510/8270	20	1			
283	Total THMs	CALCULATION	20	1			

5. Period - Year 5 (12 months)

Item #	Analyte of Concern Air	Analytical Method Reference	Maximum Routine Annual Estimated Usage	Maximum Urgent Annual Estimated Usage	Media Preparation & Delivery Unit Price	Routine Analysis & Report Unit Price	Urgent Analysis & Report Unit Price
(These lab test must be capable of being done in compliance with both the Routine and Urgent timelines)							
1	Cresol(all isomers) and Phenol	NIOSH 2546 or OSHA 32	40	2			
2	Methylene Chloride	NIOSH 1005	20	1			
3	Methylene Chloride	OSHA 80	20	1			
4	Ketone - Single Ketone Test (Base Price)	NIOSH1300	50	3			
5	Particulate Mercury	OSHA ID-145	5	0			
6	Mercury Vapour	NIOSH 6009	5	0			
7	Particulate not otherwise regulated - Respirable	NIOSH 0600	225	11			
8	Particulate not otherwise regulated - Total	NIOSH 0500	225	11			
9	Thorium & Uranium on filters	NIOSH 7300	14	1			
10	Silica, Crystalline – all types	NIOSH 7500	210	11			
11	Silica, Crystalline bulk – all types	NIOSH 7500	40	2			
12	VOCs individually qualified and quantified by open characterization	OSHA 7	350	18			
13	1,3-Butadiene	NIOSH 1024 or OSHA 56	4	0			
14	Sulfur Dioxide	NIOSH 6004	125	6			
15	Nitride Oxide and / or Nitrogen Dioxide	NIOSH 6014	125	6			
16	Elemental Carbon	NIOSH 5040	2	0			
17	Acetaldehyde (separate tubes)	OSHA 68 or EPA TO-11	6	0			
18	Formaldehyde (separate tubes)	OSHA 52	6	0			
19	Lead wipes	OSHA ID-125G	45	2			
20	Lead in Air	NIOSH 7300	70	4			
21	Beryllium(Be) Wipes	NIOSH 9100	90	5			
22	Particulate Matter (PM ₁₀ / PM _{2.5})	NIOSH 0600	300	15			
23	Lead and Copper in Air	NIOSH 7303 (Pb & Cu)	50	4			
24	Cyclonite (RDX) in Air	OSHA PV2135	25	3			
	Analyte of Concern Air	Analytical Method Reference					
25	PAH's /SVOCs	NIOSH 5506	260	17			
26	Metals – individual or scan	NIOSH 7300	60	3			



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27	Asbestos bulk	NIOSH 9002 or EPA/600/R-93/116	25	1			
28	Total Fiber Analysis by PCM	NIOSH 7400	20	1			
29	Asbestos structures	D6480-05 (TEM)	150	0			
30	Asbestos Airborne by TEM	NIOSH 7402	90	6			
31	Asbestos Structures in DUST	ASTM D5755 in accordance with US EPA YAMATE level II or AHERA method	40	5			
32	Cyanide (Particulate phase)	NIOSH 7904	4	1			
33	Cyanide (Gaseous phase)	NIOSH 7904	4	1			
34	Nitroaromatic compounds	NIOSH 2005	4	1			
35	Total Hydrocarbon (reported as n-hexane)	NIOSH 1550	10	1			
36	Nitric Acid	NIOSH 7903	10	1			
37	Nitric oxide-NO	OSHA ID-190	10	1			
38	Nitrogen dioxide-NO2	OSHA ID-182	100	6			
39	Sulphur Dioxide-SO2	OSHA ID-200	100	6			
40	Aldehyde Scan - individually qualified and quantified	NIOSH 2539 or EPA-TO-11	2	0			
41	Hydrogen Sulfide-H ₂ S	NIOSH 6013 or OSHA 1008	60	3			
42	Sulfuric Acid Mist	OSHA ID-113	60	3			
43	Vinylidene Chloride	NIOSH 1015	10	1			
44	Group A – Benzene, ethylbenzene, toluene, xylenes (BTEX)	NIOSH 1501 or OSHA 7	15	1			
45	NIOSH 1501, Group B – cumene, alpha-methylstyrene, styrene, p-tert-butyltoluene (also called 4-t-butyltoluene).	NIOSH 1501 or OSHA 7	10	1			
46	Naphtha (includes mixtures such as stoddard solvent, mineral spirits, kerosene, and total hydrocarbons).	NIOSH 1550	20	2			
47	Polychlorinated biphenyls (PCBs).	NIOSH 5503	2	0			
48	Organonitrogen pesticides	NIOSH 5601	5	0			
49	Isocyanates (monomers, such as MDI; HDI; 2,4-TDI; 2,6-TDI).	OSHA 42 or 47	20	1			
50	Isocyanates.	Iso-chek®	10	1			
51	Crushing of rock	CARB435	1	0			
52	Silica, bulk	Modified NIOSH 7500	5	0			
53	Dioxins and Furans	EPA TO-9 / EPA8290	115	6			
54	Mould-Viable	Genus/species Agar Method/	20	5			
55		Spore Trap	100	4			
56	Mould-Total	Genus-Spore Trap	150	20			



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57	Endotoxins	Kinetic Chromogenic Method	2	0			
58	Hexavalent Chromium Cr(VI)	OSHA ID-215	25	5			
59	Metal Working Fluids	NIOSH 5524	20	5			
60	Diesel Particulate Matter	NIOSH 5040	20	5			
	Analyte of Concern Water	Analytical Method Reference					
61	PFA's	EPA 537.1/537 revised 1.1	10	1			
62	Color,,Apparent	APHA 2120	15	1			
63	Hardness (as CaCO3)	APHA 2340 B	15	1			
64	Total Dissolved Solids	APHA 2540C	15	1			
65	Bromate	EPA 6850	15	1			
66	Chlorate	EPA 300.1 Ion Chromatography	15	1			
67	Chloride(Cl)	EPA 300.1 (mod)	15	1			
68	Chlorite	EPA 300.1 Ion Chromatography	15	1			
69	Fluoride (F)	EPA 300.1 (mod)	15	1			
70	Nitrate and Nitrite as N	APHA 4110B	15	1			
71	Nitrate (as N)	EPA 300.1 (mod)	15	1			
72	Nitrite (as N)	EPA300.1 (mod)	25	1			
73	Sulfate (SO4)	EPA 300.1 (mod)	15	1			
74	Sulphide (as S)	APHA 4500S2D	15	1			
75	Cyanide, Total	APHA 4500CN C E-Strong	15	1			
76		Acid Dist Colorim	15	1			
77	Chloramines	APHA 4500-CI B	15	1			
78	Chlorine, Free	SM 4500-CL G, EPA 330.5	15	1			
79	Chlorine, Total	APHA 4500-CL G	15	1			
80	Aluminum (Al)	EPA 6020A	15	1			
81	Antimony (Sb)	EPA 6020A	15	1			
82	Arsenic (As)	EPA 6020A	15	1			
83	Barium (Ba)	EPA 6020A	15	1			
84	Beryllium (Be)	EPA 6020A	15	1			
85	Bismuth (Bi)	EPA6020A	15	1			
86	Boron (B)	EPA 6020A	15	1			
87	Cadmium (Cd)	EPA 6020A	15	1			
88	Calcium (Ca)	EPA 6020A	15	1			
89	Chromium (Cr)	EPA 6020A	15	1			
90	Cobalt (Co)	EPA 6020A	15	1			
91	Copper (Cu)	EPA 6020A	15	1			
92	Iron (Fe)	EPA 6020A	15	1			



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93	Lead (Pb)	EPA 6020A	15	1			
94	Lithium (Li)	EPA 6020A	15	1			
95	Magnesium (Mg)	EPA 6020A	15	1			
96	Manganese (Mn)	EPA 6020A	15	1			
97	Mercury	EPA 1631E (mod)	15	1			
98	Molybdenum (Mo)	EPA 6020A	15	1			
99	Nickel (Ni)	EPA 6020 A	15	1			
100	Phosphorus (P)	EPA 6020A	15	1			
101	Potassium (K)	EPA 6020A	15	1			
102	Selenium (Se)	EPA 6020A	15	1			
103	Silicon (Si)	EPA 6020A	15	1			
104	Silver (Ag)	EPA 6020A	15	1			
105	Sodium (Na)	EPA6020A	15	1			
106	Stronium (Sr)	EPA 6020A	15	1			
107	Thallium (Tl)	EPA 6020A	15	1			
108	Tin (Sn)	EPA 6020A	15	1			
109	Titanium (Ti)	EPA 6020A	15	1			
110	Tungsten (W)	EPA 6020A	15	1			
111	Uranium (U)	EPA 6020A	15	1			
112	Vanadium (V)	EPA 6020A	25	1			
113	Zinc (Zn)	EPA 6020A	15	1			
114	Zirconium (Zr)	EPA 6020A	15	1			
115	1,1-dichloroethylene (vinylidene Chloride)	SW846 8260	15	1			
116	1,2-Dichlorobenzene	SW846 8260	15	1			
117	1,2-dichloroethane	SW846 8260	15	1			
118	1,4 Dichlorobenzene	SW846 8260	15	1			
119	1,4-Difluorobenzene	SW846 8260	15	1			
120	4-Bromofluorobenzene	SW846 8260	15	1			
121	Benzene	SW846 8260	15	1			
122	Carbon tetrachloride	SW846 8260	15	1			
123	Monochlorobenzene	SW846 8260	15	1			
124	Dichloromethane	SW846 8260	15	1			
125	Tetrachoroethylene (perchloroethylene)	Sw845 8260	15	1			
126	Trichloroethylene	SW846 8260	15	1			
127	Vinyl chloride	SW845 8260	15	1			
128	Xylenes (Total)	Calculation	15	1			
129	Total water Trihalomethanes	Calculation	15	1			
130	2-Bromobutanoic Acid	EPA 552.3	15	1			
131	Bromochloroacetic Acid	EPA 552.3	15	1			
132	Bromodichloroacetic Acid	EPA 552.3	15	1			
133	Chlorodibromoacetic Acid	EPA 552.3	15	1			



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134	Dalapon	EPA 552.3	15	1			
135	Dibromoacetic Acid	EPA 552.3	15	1			
136	Dichloroacetic Acid	EPA 552.3	15	1			
137	Total Haloacetic Acids 5	Calculation	15	1			
138	Bromoacetic Acid	EPA 552.3	15	1			
139	Chloroacetic Acid	EPA 552.3	15	1			
140	Tribromoacetic Acid	EPA 552.3	15	1			
141	Trichloroacetic Acid	EPA 552.3	15	1			
142	Formaldehyde	EPA 556.1	15	1			
143	N-Nitrosodimethylamine	MOE E3291	15	1			
144	N-Nitrosodimethylamine-d6	MOE E3291	15	1			
145	2,4,5-T	SW846 8270	15	1			
146	2,4,5,-TP	SW846 8270	15	1			
147	2,4-D	SW846 8270	15	1			
148	2,4-D	SW846 8270	15	1			
149	2,4-Dichlorophenylacetic Acid	SW846 8270	15	1			
150	Bromoxynil	SW846 8270	15	1			
151	Dicamba	SW846 8270	15	1			
152	Dinoseb	SW846 8270	15	1			
153	Glyphosate	MOE E3500	15	1			
154	MCPA	SW846 8270	15	1			
155	Mecoprop	SW846 8270	15	1			
156	Picloram	SW846 8270	15	1			
157	2,3,4,6-Tetrachlorophenol	SW846 8270	15	1			
158	2,4,6-Tribromophenol	Sw846 8270	15	1			
159	2,4,6-Trichlorophenol	SW846 8270	15	1			
160	2,4 Dichlorophenol	SW846 8270	15	1			
161	2-Fluorobiphenyl	SW846 8270	15	1			
162	Alachlor	SW846 8270	15	1			
163	Atrazine	SW846 8270	15	1			
164	Atrazine Desethyl	SW846 8270	15	1			
165	Atrazine & Metabolites	SW846 8270	15	1			
166	Azinphos-methyl	SW846 8270	15	1			
167	Benzo(a)pyrene	SW846 8270	15	1			
168	Carbaryl	SW846 8270	15	1			
169	Carbofuran	SW846 8270	15	1			
170	Chlorpyrifos	SW846 8270	15	1			
171	Diazinon	SW846 8270	15	1			
172	Diclofop-methyl	SW846 8270	15	1			
173	Dimethoate	SW846 8270	15	1			
174	Diquat	EPA 549.2 Modified	15	1			



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175	Diuron	MOE PWAUH-E3436 (MOD)	15	1			
176	Malathion	SW845 8270	15	1			
177	Metolachlor	SW846 8270	15	1			
178	Metribuzin	SW846 8270	15	1			
179	Paraquat	EPA 549.2	15	1			
180	Pentachlorophenol	SW846 8270	15	1			
181	Phorate	SW846 8270	15	1			
182	Prometryne	SW846 8270	15	1			
183	Simazine	SW846 8270	15	1			
184	Terbufos	SW846 8270	15	1			
185	Triallate	SW846 8270	15	1			
186	Trifluralin	Sw846 8270	15	1			
187	Microcystin	ENVIROGIX QUANTIPLATE KIT	15	1			
188		CAT.EP022	15	1			
189	Nitritotriacetic Acid (NTA)	EPA 430.2	15	1			
190	Gross Alpha	EPA 900.0	15	1			
191	Gross Beta	EPA 900.0	15	1			
192	PFAS (USEPA)	EPA 533	15	1			
193	PFAS (USEPA)	EPA 537.1	15	1			
194	MTBE	EPA 8240B/60B	15	1			
195	Ethylbenzene	502-2	15	1			
196	Toluene	EPA 502.2	15	1			
	Analyte of Concern Soil	Analytical Method Reference					
197	Antimony (Sb)	EPA 200.2.6020A (mod)	20	1			
198	Arsenic (As)	EPA 200.2.6020A (mod)	20	1			
199	Barium (Ba)	EPA 200.2.6020A (mod)	20	1			
200	Beryllium (Be)	EPA 200.2.6020A (mod)	20	1			
201	Boron (B)	EPA 200.2.6020A (mod)	20	1			
202	Cadmium (Cd)	EPA 200.2.6020A (mod)	20	1			
203	Chromium (Cr0)	EPA 200.2.6020A (mod)	20	1			



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204	Cobalt (Co)	EPA 200.2.6020A (mod)	20	1			
205	Copper (Cu)	EPA 200.2.6020A (mod)	20	1			
206	Lead (Pb)	EPA 200.2.6020A (mod)	20	1			
207	Molybdenum (Mo)	EPA 200.2.6020A (mod)	20	1			
208	Nickel (Ni)	EPA 200.2.6020A (mod)	20	1			
209	Selenium (Se)	EPA 200.2.6020A (mod)	20	1			
210	Silver (Ag)	EPA 200.2.6020A (mod)	20	1			
211	Thalium (Tl)	EPA 200.2.6020A (mod)	20	1			
212	Uranium (U)	EPA 200.2.6020A (mod)	20	1			
213	Vanadium (V)	EPA 200.2.6020A (mod)	20	1			
214	Zinc (Zn)	EPA 200.2.6020A (mod)	20	1			
215	1,1,1,2-Tetrachloroethane	SW846 8260 (511)	20	1			
216	1,1,1-Trichlorethane	SW846 8260 (511)	20	1			
217	1,1,2,2-Tetrachloroethane	SW846 8260 (511)	20	1			
218	1,1,2-Trichloroethane	SW846 8260 (511)	20	1			
219	1,1-Dichloroethane	SW846 8260 (511)	20	1			
220	1,1-Dichloroethylene	SW846 8260 (511)	20	1			
221	1,2-Dichlorobenzene	SW846 8260 (511)	20	1			
222	1,2-Dichloroethane	SW846 8260 (511)	20	1			
223	1,2-Dichloropropane	SW846 8260 (511)	20	1			
224	1,3-Dichlorobenzene	SW846 8260 (511)	20	1			
225	1,3-Dichloropropene (cis & Trans)	SW8260B/SW82 70C	20	1			
226	1,4-Dichlorobenzene	SW846 8260 (511)	20	1			
227	1,4-Difluorobenzene	SW846 8260 (511)	20	1			



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228	4-Bromofluotobenzene	SW846 8260 (511)	20	1			
229	Acetone	SW846 8260 (511)	20	1			
230	Benzene	SW846 8260 (511)	20	1			
231	Bromodichloromethane	SW846 8260 (511)	20	1			
232	Bromoform	SW846 8260 (511)	20	1			
233	Bromomethane	SW846 8260 (511)	20	1			
234	Carbom tetrachloride	SW846 8260 (511)	20	1			
235	Chlorobenzene	SW846 8260 (511)	20	1			
236	Dibromochloromethane	SW846 8260 (511)	20	1			
237	Chloroform	SW846 8260 (511)	20	1			
238	Cis-1,2-Dichloroethylene	SW846 8260 (511)	20	1			
239	Cis-1,3-Dichloropropene	SW846 8260 (511)	20	1			
240	Dichlorodifluoromethane	SW846 8260 (511)	20	1			
241	Ethylbenzene	SW846 8260 (511)	20	1			
242	1,2-Dibromoethane	SW846 8260 (511)	20	1			
243	m+p-Xylenes	SW846 8260 (511)	20	1			
244	Methyl Ethyl Ketone	SW846 8260 (511)	20	1			
245	Methyl Isobutyl Ketone	SW846 8260 (511)	20	1			
246	MTBE	SW846 8260 (511)	20	1			
247	Methylene Chloride	SW846 8260 (511)	20	1			
248	n-Hexane	SW846 8260 (511)	20	1			
249	o-Xylene	SW846 8260 (511)	20	1			
250	Styrene	SW846 8260 (511)	20	1			
251	Tetraxhloroethylene	SW846 8260 (511)	20	1			
252	Toluene	SW846 8260 (511)	20	1			
253	Trans-1,2-Dixhloroethylene	SW846 8260 (511)	20	1			
254	Trans-1,3-Dichloropropene	SW846 8260 (511)	20	1			
255	Trichloroethylene	SW846 8260 (511)	20	1			
256	Trichlorofluoromethane	SW846 8260 (511)	20	1			
257	Vinyl chloride	SW846 8260 (511)	20	1			



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258	Xylenes (Total)	CALCULATION	20	1			
259	1- Methylnaphthalene	SW846 3510/8270	20	1			
260	Fluorobiphenyl	SW846 3510/8270	20	1			
261	2-Methylnaphthalene	SW846 3510/8270	20	1			
262	Acenaphthalene	SW846 3510/8270	20	1			
263	d-10-Acenaphthylene	SW846 3510/8270	20	1			
264	Acenaphthene	SW846 3510/8270	20	1			
265	Anthracene	SW846 3510/8270	20	1			
266	Benzo(a)anthracene	SW846 3510/8270	20	1			
267	Benzo(a)pyrene	SW846 3510/8270	20	1			
268	Benzo(b)fluoranthene	SW846 3510/8270	20	1			
269	Benzo(g,h,i)perylene	SW846 3510/8270	20	1			
270	Benzo(k)fluoranthene	SW846 3510/8270	20	1			
271	Chrysene	SW846 3510/8270	20	1			
272	D12-Chrysene	SW846 3510/8270	20	1			
273	Dibenzo(ah)anthracene	SW846 3510/8270	20	1			
274	Fluoranthene	SW846 3510/8270	20	1			
275	Fluorene	SW846 3510/8270	20	1			
276	Indeno(1,2,3-cd)pyrene	SW846 3510/8270	20	1			
277	Naphthalene	SW846 3510/8270	20	1			
278	D8-Naphthalene	SW846 3510/8270	20	1			
279	p-Terphenyl d14	SW846 3510/8270	20	1			
280	Phenanthrene	SW846 3510/8270	20	1			
281	D10-Phenanthrene	SW846 3510/8270	20	1			
282	Pyrene	SW846 3510/8270	20	1			
283	Total THMs	CALCULATION	20	1			



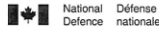
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ANNEX C – DND 626 TASK AUTHORIZATION FORM



TASK AUTHORIZATION AUTORISATION DES TÂCHES

All invoices/progress claims must show the reference Contract and Task numbers. Toutes les factures doivent indiquer les numéros du contrat et de la tâche.		Contract no. – N° du contrat
		Task no. – N° de la tâche
Amendment no. – N° de la modification	Increase/Decrease – Augmentation/Réduction	Previous value – Valeur précédente
To – À	<p>TO THE CONTRACTOR</p> <p>You are requested to supply the following services in accordance with the terms of the above reference contract. Only services included in the contract shall be supplied against this task.</p> <p>Please advise the undersigned if the completion date cannot be met. Invoices/progress claims shall be prepared in accordance with the instructions set out in the contract.</p> <p>À L'ENTREPRENEUR</p> <p>Vous êtes prié de fournir les services suivants en conformité des termes du contrat mentionné ci-dessus. Seuls les services mentionnés dans le contrat doivent être fournis à l'appui de cette demande.</p> <p>Prière d'aviser le signataire si la livraison ne peut se faire dans les délais prescrits. Les factures doivent être établies selon les instructions énoncées dans le contrat.</p>	
Delivery location – Expédié à		
Delivery/Completion date – Date de livraison/d'achèvement	Date _____ for the Department of National Defence pour le ministère de la Défense nationale	
Contract item no. N° d'article du contrat	Services	Cost Prix
		GST/HST TPS/TVH
		Total
<p>APPLICABLE ONLY TO PWGSC CONTRACTS: The Contract Authority signature is required when the total value of the DND 626 exceeds the threshold specified in the contract.</p> <p>NE S'APPLIQUE QU'AUX CONTRATS DE TPSGC : La signature de l'autorité contractante est requise lorsque la valeur totale du formulaire DND 626 est supérieure au seuil précisé dans le contrat.</p>		
<p>_____ for the Department of Public Works and Government Services pour le ministère des Travaux publics et services gouvernementaux</p>		

DND 626 (01-05)

Design: Forms Management 993-4050
Conception: Gestion des formulaires 993-4062

**ANNEX D – DELIVERY LOCATIONS AND REPORTING LANGUAGES**

Preventive Medicine Office	Official Language for Reporting	"Street Address" of Unit
1 CF HSG HQ (Det Esquimalt)	English	1200 Colville Road Victoria, BC V9A 7N2
CF H SVCS C (P) Esquimalt	English	1200 Colville Road Victoria, BC V9A 7N2
21 CF H SVCS C (Comox)	English	309 Heritage Blvd Lazo, BC V0R 2K0
1 CF HSG HQ (Edmonton)	English	Bldg 181, Church Hill Avenue Edmonton, AB T5J 4J5
1 FD AMB (Edmonton)	English	1 Field Ambulance 175 Rhine Road, Namao, AB TOA 2N0
1 FD AMB (Det Suffield)	English	80 Valenciennes Rd, Ralston, AB, T0J 2N0
12 CF H SVCS C (Wainwright)	English	12 CF Health Services Centre, Bldg 633 Perimeter Rd, Denwood, AB, T0B 1B0
22 CF H SVCS C (Cold Lake)	English	22 Health Services Centre Bldg # 69 Kingsway Cold Lake, AB T9M 2C6
11 CF H SVCS C (Shilo)	English	11 CF Health Services Center Bldg L-158 Engineer Road, Shilo, MB R0K2A0
CF H SVCS GP HQ (Det Winnipeg - 1 CAD)	English	CF H Svcs Gp HQ Det Winnipeg Building #25 Air Force Way 17 Wing Winnipeg Winnipeg, MB R3J 3Y5
23 CF H SVCS C (Winnipeg)	English	715 Wihuri Road Winnipeg, MB R3J 3Y5
4 CF HSG HQ (Det Toronto)	English	1 Yukon Lane, Toronto, ON M3K 0A1 (Denison III Armoury)
32 CF H SVCS C (Toronto)	English	1 Yukon Lane Toronto, ON M3K 0A1 (Denison III Armoury)



31 CF H SVCS C (Borden)	English	641 Cambrai Road, Bldg P-210 Borden On L0M 1C0
31 CF H SVCS C (Det North Bay)	English	95 Manston Crescent Hornell Heights, On P0H 1P0
CF H SVCS TC (Borden)	English	CF Health Services Training Centre 30 Ortona Road - Bldg 0-166 Borden ON L0M 1C0
24 CF H SVCS C (Trenton)	English	50 Yukon St Astra, ON K0K 3W0
CANSOFCOM (Trenton)	English	50 Yulon St Astra, ON K0K 3W0
2 FD AMB (Petawawa)	English	2 Field AMB 67 Somme Rd, BLDG 144 Petawawa, On K8h 2X3
1 CDN FD HOSP (Petawawa)	English	147 Flanders Row, Bldg BB-104 Petawawa, On K8H 2X3
CANSOFCOM (Petawawa)	English	46 Centurion Rd, Bldg Z-123 Petawawa, ON K8H 2X3
CF H SVCS C (Ottawa)	English	713 Montreal Rd Ottawa, ON K1K OT2
CF HSG HQ (Ottawa) - MOSID ADVISOR - OEH PMED TECH - CDCP PMED TECH - OP QA/QC TECH	English	Force Health Protection 101 Colonel By Dr, Carling Campus Suite 9N1.X19 K1A 0K2
CF HSG HQ (Ottawa) - J2-2-1 (G2 MED INT)	English	Force Health Protection 101 Colonel By Dr, Carling Campus Suite 9N1.X19 K1A 0K2
CF HSG HQ (Ottawa) - DHHAT	English	Force Health Protection 101 Colonel By Dr, Carling Campus Suite 9N1.X19 K1A 0K2
33 CF H SVCS C (Kingston)	English	26 Somme Ave, Bldg ME-40 Kingston ON K7K 7B4
4 CF HSG HQ (Montreal)	French	6560 Rue Hochelaga Bâtisse L-126 Montréal, Qc, H1N 3R2
41 C SVC S FC / 41 CF H SVCS C (St Jean)	French	25 Chemin du Grand Bernier Sud Saint - Jean sur le Richelieu, Qc, J0J 1R0



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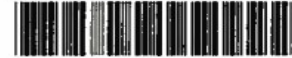
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25 C SVC S FC / 25 CF H SVCS (Bagotville)	French	66 rue Montréal Allouette, Qc G0V 1A0
5 AMB C / 5 FD AMB (Valcartier)	French	143 rue Bouchard Courceltte, QC G0A 4Z0
42 CF H SVCS C (Gagetown)	English	Bldg A-47 Champlain Ave Oromocto, NB E2V 4J5
26 CF H SVCS C (Greenwood)	English	266 Administration Dr. Greenwood NS B0P1N0
4 CF HSG HQ (Det Halifax)	English	2720 Provo Wallis Drive Halifax NS B3K 5X5
CF H SVCS C(A) (Halifax)	English	2685 Sextant Lane Halifax NS B3K 5X5



ANNEX E – SAMPLE SHIPPING DOCUMENTS FOR TRACKING ENVIRONMENTAL SAMPLES



CF009727

Section 1 – Field Information/Information terrain

UIC/CIU	OPERATION/OPÉRATION	LOCATION/SITE	PROJECT/PROJET
OPI (NAME)/BPR (NOM)	POSITION	TELEPHONE/TÉLÉPHONE	E-MAIL/COURRIEL

Section 2 – Sample Information/Information sur l'échantillon (UNCLASSIFIED INFO ONLY/NON-CLASSIFIÉ SEULEMENT)

CONTAINER/RÉCIPIENT	VOLUME <input type="checkbox"/> mL <input type="checkbox"/> m ³	COORDINATES/COORDONNÉES
---------------------	--	-------------------------

D-J M Y-A	FIELD NO./NO DE L'ÉCHANTILLON	OPERATION/OPÉRATION		
MATRIX/MATRICE	PRESERVATIVE/PRÉSERVATIF	<input type="checkbox"/> COMPOSITE/COMPO <input type="checkbox"/> GRAB/ÉCHANTILLON SIMPLE <input type="checkbox"/> BULK/VRAC <input type="checkbox"/> SWAB/ÉCOUVILLON		
HAZARD WARNING/MISE EN GARDE				
<input type="checkbox"/> NONE/AUCUN <input type="checkbox"/> INHALATION <input type="checkbox"/> RADIATION				

SAMPLE CUSTODY SEAL – NON-CONFORMANCE IF SEAL IS BROKEN
SCEAU DE SÉCURITÉ – ÉCHANTILLON COMPROMIS SI LE SCEAU EST BRISÉ

Section 3 – Analytical Request/Demande d'analyse

<input type="checkbox"/> INTERNATIONAL/INTERNATIONAL	<input type="checkbox"/> VOCs/COVs	<input type="checkbox"/> PM10	OTHER/AUTRE
<input type="checkbox"/> METALS/MÉTAUX	<input type="checkbox"/> PARTICULATES/PARTICULES	<input type="checkbox"/> ASBESTOS/AMIANTE	<input type="checkbox"/>
<input type="checkbox"/> DIOXIN/FURAN/DIOXINES/FURANES	<input type="checkbox"/> INH <input type="checkbox"/> RESP	<input type="checkbox"/> RADIOLOGICAL/RADIOLOGIQUE	<input type="checkbox"/>
<input type="checkbox"/> PESTICIDES/PESTICIDES	<input type="checkbox"/> SILICA, CRYSTALLINE	<input type="checkbox"/> ALPHA <input type="checkbox"/> BETA <input type="checkbox"/> GAMMA	<input type="checkbox"/>
<input type="checkbox"/> PAHs/HAPs			

FIELD COMMENTS/COMMENTAIRES REFRIGERATE/RÉFRIGÉRER
 FREEZE/CONGELER

Section 4 – Sample Acceptance/Réception de l'échantillon (FOR LAB USE ONLY/LAB SEULEMENT)

REQUEST ID/ID DE REQUÊTE

CUSTODY SEAL INTACT/SCEAU DE SÉCURITÉ INTACT SAMPLE CONFORMANCE TO DQO/INTÉGRITÉ DE L'ÉCHANTILLON

ACTION	MOVEMENT CERTIFICATE/ FEUILLE DE ROUTE	RELEASED (NAME & ORG/ TRANSFÉRÉ (NOM ET ORG)	ACCEPTED (NAME & ORG/ REÇU (NOM ET ORG)	SIGNATURE	D-J M Y-A

INITIAL WT/POIDS INITIAL	EST WT/POIDS EST	RTN WT/POIDS RET	DISPOSAL WT/POIDS ÉLIMINÉ	DISPOSAL METHOD/MÉTHODE D'ÉLIMINATION
<input type="text"/> g	<input type="text"/> g	<input type="text"/> g	<input type="text"/> g	<input type="text"/>

DISPOSAL OPI (NAME)	SIGNATURE	ORGANIZATION/ORGANISATION	D-J M Y-A
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AFC008251



CF Environmental Air Sampling Form
Formulaire des échantillons environnementaux (Air) des FC

Section 1 – General Information/Information générale

DATE	OPI (NAME)/BPR (NOM)	POSITION	TELEPHONE	UIC/CIU
OPERATION		PROJECT/PROJET	LOCATION/SITE	COORDINATES/COORDONNÉES

Section 2 – Sampling information/Information sur l'échantillonnage

SAMPLING PUMP/POMPE D'ÉCHANTILLONNAGE <input type="checkbox"/> MINIVOL <input type="checkbox"/> AIRCON <input type="checkbox"/> GILAIRS <input type="checkbox"/> LFS 113 OTHER/AUTRE <input type="checkbox"/>			PUMP SERIAL NO/NO DE SÉRIE POMPE <input type="text"/>	
SAMPLE TYPE/TYPE D'ÉCHANTILLON <input type="checkbox"/> AREA/AIRE <input type="checkbox"/> PERSONAL/PERSONNEL <input type="checkbox"/> FIELD/BLANK BLANC		SAMPLE MEDIA/MÉDIA DE COLLECTION <input type="text"/>		REFRIGERATION <input type="checkbox"/> YES/OUI <input type="checkbox"/> NON/NON
START TIME/HEURE AU DÉBUT	END TIME/HEURE À LA FIN	DURATION/DURÉE		VOLUME (DURATION x AVERAGE FLOW RATE) (DURÉE x DÉBIT MOYEN)
INITIAL FLOW RATE/DÉBIT INITIAL	END FLOW RATE/DÉBIT FINAL	AVERAGE FLOW RATE/DÉBIT MOYEN		
<input type="text"/> cc/min <input type="checkbox"/> L/min	<input type="text"/> cc/min <input type="checkbox"/> L/min	<input type="text"/> cc/min <input type="checkbox"/> L/min		<input type="text"/> cc <input type="checkbox"/> L
FIELD COMMENTS & SKETCHES/COMMENTAIRES & ILLUSTRATIONS <input type="text"/>				

SAMPLE MEDIA/MÉDIA DE COLLECTION AFC008251	FIELD NOTEBOOK/CARNET DE CAMPAGNE AFC008251	SAMPLE LOG/RÉGISTRE DES ÉCHANTILLONS AFC008251
---	--	---

Section 3 – Analytical Request/Demande d'analyse

<input type="checkbox"/> PM10	<input type="checkbox"/> METALS/MÉTAUX	<input type="checkbox"/> ELEMENTAL CARBON/CARBONE ÉLÉMENTAL	<input type="checkbox"/> VOCs/COVs
<input type="checkbox"/> PM2.5	<input type="checkbox"/> MERCURY/MERCURE	<input type="checkbox"/> FORMALDEHYDES	<input type="checkbox"/> PAHs/HAPs
<input type="checkbox"/> PARTICULATES/PARTICULES	<input type="checkbox"/> SILICA, CRYSTALLINE	<input type="checkbox"/> ACETALDEHYDES	<input type="checkbox"/> RADIOLOGICAL/RADIOLOGIQUE
<input type="checkbox"/> INH <input type="checkbox"/> RESP	<input type="checkbox"/> ASBESTOS/AMIANTE	<input type="checkbox"/> 1-3 BUTADIENE	<input type="checkbox"/> ALPHA <input type="checkbox"/> BETA <input type="checkbox"/> GAMMA
OTHER/AUTRE <input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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 SEE INSTRUCTIONS ON THE BACK – VOIR DIRECTIVES AU VERSO