



**CLIENT NAME: DISTRICT OF HUDSON'S HOPE  
P.O. BOX 330  
HUDSON, BC VOC1V0  
(250) 783-9901**

**ATTENTION TO: Gordon Davies A.Sc.T**

**PROJECT: Water Samples**

**AGAT WORK ORDER: 24F114717**

**TRACE ORGANICS REVIEWED BY: Joanne Wudrich, Laboratory Manager**

**WATER ANALYSIS REVIEWED BY: Parampreet Kaur, Report Writer**

**DATE REPORTED: Feb 06, 2024**

**PAGES (INCLUDING COVER): 13**

**VERSION\*: 1**

Should you require any information regarding this analysis please contact your client services representative at (403) 735-2005

**\*Notes**

Empty box for notes.

**Disclaimer:**

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 30 days after receipt unless a Long Term Storage Agreement is signed and returned. Some specialty analysis may be exempt, please contact your Client Project Manager for details.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.



## Certificate of Analysis

AGAT WORK ORDER: 24F114717

PROJECT: Water Samples

2910 12TH STREET NE  
 CALGARY, ALBERTA  
 CANADA T2E 7P7  
 TEL (403)735-2005  
 FAX (403)735-2771  
<http://www.agatlabs.com>

CLIENT NAME: DISTRICT OF HUDSON'S HOPE

ATTENTION TO: Gordon Davies A.Sc.T

SAMPLING SITE:

SAMPLED BY:

### Haloacetic Acids in Water

DATE RECEIVED: 2024-01-25

DATE REPORTED: 2024-02-06

Water Treated -				
SAMPLE DESCRIPTION:			WTP	
SAMPLE TYPE:			Water	
DATE SAMPLED:			2024-01-24 08:50	
Parameter	Unit	G / S	RDL	5603332
Monobromoacetic Acid	ug/L		0.5	1.63
Monochloroacetic Acid	ug/L		0.5	<0.5
Dichloroacetic Acid	ug/L		0.5	5.01
Dibromoacetic Acid	ug/L		0.5	0.5
Trichloroacetic Acid	ug/L		0.5	5.12
Haloacetic Acids (HAA5)	ug/L		2.0	12.3
Bromochloroacetic Acid	ug/L		0.5	<0.5
Surrogate	Unit	Acceptable Limits		
2-Bromopropionic Acid	%	70-130		75

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

**5603332** Haloacetic Acids (HAA5) is a calculated parameter. The calculated value is the sum of Monobromoacetic Acid, Monochloroacetic Acid, Dichloroacetic Acid, Dibromoacetic Acid and Trichloroacetic Acid. Analysis performed at AGAT Toronto (unless marked by \*)

**Certified By:**

*Joanne Wudrich*



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CLIENT NAME: DISTRICT OF HUDSON'S HOPE

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SAMPLING SITE:

SAMPLED BY:

### Trihalomethane Analysis - Water

DATE RECEIVED: 2024-01-25

DATE REPORTED: 2024-02-06

		Water Treated -		
	<b>SAMPLE DESCRIPTION:</b>	WTP		
	<b>SAMPLE TYPE:</b>	Water		
	<b>DATE SAMPLED:</b>	2024-01-24 08:50		
<b>Parameter</b>	<b>Unit</b>	<b>G / S</b>	<b>RDL</b>	<b>5603332</b>
Chloroform	mg/L		0.001	0.010
Bromodichloromethane	mg/L		0.001	<0.001
Dibromochloromethane	mg/L		0.001	<0.001
Bromoform	mg/L		0.001	<0.001
Total Trihalomethanes	mg/L		0.001	0.010
<b>Surrogate</b>	<b>Unit</b>	<b>Acceptable Limits</b>		
Toluene-d8	%	50-140		94

**Comments:** RDL - Reported Detection Limit; G / S - Guideline / Standard

**5603332** Total Trihalomethanes is a calculated parameter. The calculated value is the sum of Chloroform + Bromodichloromethane + Dibromochloromethane + Bromoform. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Calgary (unless marked by \*)

**Certified By:**



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SAMPLING SITE:

SAMPLED BY:

### Water Analysis - Colour, Turbidity

DATE RECEIVED: 2024-01-25

DATE REPORTED: 2024-02-06

Water Treated -

SAMPLE DESCRIPTION: WTP  
SAMPLE TYPE: Water  
DATE SAMPLED: 2024-01-24  
08:50  
5603332

Parameter	Unit	G / S	RDL	5603332
Colour, True	Colour Units		5	<5
Turbidity	NTU		0.2	<0.2

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

Analysis performed at AGAT Calgary (unless marked by \*)

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SAMPLING SITE:

SAMPLED BY:

### Water Package - Routine Chemistry Water Analysis - Lab Filtered Cations

DATE RECEIVED: 2024-01-25

DATE REPORTED: 2024-02-06

Parameter	Unit	G / S	RDL	Water Treated -	
				WTP	5603332
<p>SAMPLE DESCRIPTION: WTP            SAMPLE TYPE: Water            DATE SAMPLED: 2024-01-24 08:50</p>					
pH	pH Units	7.0-10.5	N/A	7.45	
p - Alkalinity (as CaCO3)	mg/L		5	<5	
T - Alkalinity (as CaCO3)	mg/L		5	78	
Bicarbonate	mg/L		5	97	
Carbonate	mg/L		5	<5	
Hydroxide	mg/L		5	<5	
Electrical Conductivity	uS/cm		5	210	
Chloride	mg/L	(250)	1.0	5.0	
Fluoride	mg/L	1.5	0.01	0.01	
Nitrate	mg/L	45	0.5	<0.5	
Nitrate-N	mg/L	10	0.02	<0.02	
Nitrite	mg/L	3	0.05	<0.05	
Nitrite-N	mg/L	1	0.01	<0.01	
Nitrate+Nitrite - Nitrogen	mg/L		0.02	<0.02	
Sulfate	mg/L	(500)	1.0	14.8	
Dissolved Calcium	mg/L		0.07	32.3	
Dissolved Magnesium	mg/L		0.05	7.28	
Dissolved Sodium	mg/L	(200)	0.05	3.92	
Dissolved Potassium	mg/L		0.05	0.46	
Dissolved Iron	mg/L	(0.3)	0.001	<0.001	
Dissolved Manganese	mg/L		0.00005	0.00033	
Sodium Adsorption Ratio				0.16	
Calculated TDS	mg/L		0.6	111	
Hardness	mg CaCO3/L		0.5	111	
Ion Balance	%		1	117	
Lab Filtration on Routine for IC				Complete	
Lab Filtration on Routine for Metals				Complete	

Certified By: \_\_\_\_\_

*PKaur*



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SAMPLED BY:

## Water Package - Routine Chemistry Water Analysis - Lab Filtered Cations

DATE RECEIVED: 2024-01-25

DATE REPORTED: 2024-02-06

**Comments:** RDL - Reported Detection Limit; G / S - Guideline / Standard: Refers to 2024 Canadian Drinking Water Quality MAC (AO)  
Guideline values are for general reference only. The guidelines provided may or may not be relevant for the intended use. Refer directly to the applicable standard for regulatory interpretation.

**5603332** < - Values refer to Report Detection Limits.  
SAR is a calculated parameter. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.  
If sodium results in mg/L are less than detection, SAR is non-calculable and is reported as 0.  
Ion Balance is a calculated parameter. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.  
Hardness is a calculated parameter. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.  
Calculated TDS is a calculated parameter. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Calgary (unless marked by \*)

**Certified By:**

## Quality Assurance

**CLIENT NAME:** DISTRICT OF HUDSON'S HOPE  
**PROJECT:** Water Samples  
**SAMPLING SITE:**

**AGAT WORK ORDER:** 24F114717  
**ATTENTION TO:** Gordon Davies A.Sc.T  
**SAMPLED BY:**

### Trace Organics Analysis

RPT Date: Feb 06, 2024			DUPLICATE				Method Blank	REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Measured Value		Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits		
								Lower	Upper		Lower	Upper		Lower	Upper	

**Trihalomethane Analysis - Water**

Chloroform	4938	5601613	<0.001	<0.001	NA	< 0.001	100%	50%	140%	99%	60%	130%	93%	50%	140%
Bromodichloromethane	4938	5601613	<0.001	<0.001	NA	< 0.001	98%	50%	140%	88%	60%	130%	88%	50%	140%
Dibromochloromethane	4938	5601613	<0.001	<0.001	NA	< 0.001	90%	50%	140%	84%	60%	130%	84%	50%	140%
Bromoform	4938	5601613	<0.001	<0.001	NA	< 0.001	111%	50%	140%	101%	60%	130%	104%	50%	140%

Comments: Duplicate NA: results are less than 5X the RDL and RDP will not be calculated.  
 The sample spikes and dups are not from the same sample ID.

**Haloacetic Acids in Water**

Monobromoacetic Acid	5603332	5603332	1.63	1.64	0.0%	< 0.5	95%	70%	130%	60%	60%	130%	NA	70%	130%
Monochloroacetic Acid	1560333	5603332	< 0.5	< 0.5	NA	< 0.5	95%	70%	130%	71%	60%	130%	NA	70%	130%
Dichloroacetic Acid	1560333	5603332	5.01	5.13	0.0%	< 0.5	88%	70%	130%	100%	60%	130%	NA	70%	130%
Dibromoacetic Acid	1560333	5603332	0.5	0.5	0.0%	< 0.5	97%	70%	130%	103%	60%	130%	NA	70%	130%
Trichloroacetic Acid	1560333	5603332	5.12	5.14	0.0%	< 0.5	88%	70%	130%	99%	60%	130%	NA	70%	130%
Bromochloroacetic Acid	1560333	5603332	0.22	0.23	0.0%	< 0.5	104%	70%	130%	117%	60%	130%	NA	70%	130%

Comments: When the average of the sample and duplicate results is less than 5x the RDL, the Relative Percent Difference (RPD) will be indicated as Not Applicable (NA).

**Certified By:**



## Quality Assurance

**CLIENT NAME:** DISTRICT OF HUDSON'S HOPE  
**PROJECT:** Water Samples  
**SAMPLING SITE:**

**AGAT WORK ORDER:** 24F114717  
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**SAMPLED BY:**

Water Analysis																
RPT Date: Feb 06, 2024			DUPLICATE				Method Blank	REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Measured Value		Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits		
								Lower	Upper		Lower	Upper		Lower	Upper	

**Water Package - Routine Chemistry Water Analysis - Lab Filtered Cations**

pH	5603332	5603332	7.45	7.55	1.3%	N/A	101%	90%	110%						
p - Alkalinity (as CaCO3)	5603332	5603332	<5	<5	NA	< 5	NA	80%	120%						
T - Alkalinity (as CaCO3)	5603332	5603332	78	77	1.3%	< 5	95%	80%	120%						
Bicarbonate	5603332	5603332	97	97	NA	< 5									
Carbonate	5603332	5603332	<5	<5	NA	< 5									
Hydroxide	5603332	5603332	<5	<5	NA	< 5									
Electrical Conductivity	5603332	5603332	210	209	0.5%	< 5	103%	90%	110%						
Chloride	5601897	5601897	18.8	17.4	7.7%	< 1.0	99%	70%	130%	97%	80%	120%	100%	70%	130%
Fluoride	5601897	5601897	0.35	0.30	15.4%	< 0.01	92%	70%	130%	88%	80%	120%	99%	70%	130%
Nitrate	5601897	5601897	<0.5	<0.5	NA	< 0.5	99%	70%	130%	95%	80%	120%	104%	70%	130%
Nitrite	5601897	5601897	<0.20	<0.20	NA	< 0.05	95%	70%	130%	84%	80%	120%	93%	70%	130%
Sulfate	5601897	5601897	9.1	10.0	9.4%	< 1.0	101%	70%	130%	96%	80%	120%	99%	70%	130%
Dissolved Calcium	5603332	5603332	23.9	22.1	7.8%	< 0.07	103%	70%	130%	NA	80%	120%	NA	70%	130%
Dissolved Magnesium	5603332	5603332	5.65	5.32	6.0%	< 0.05	107%	70%	130%	NA	80%	120%	111%	70%	130%
Dissolved Sodium	5603332	5603332	2.89	2.73	5.7%	< 0.05	108%	70%	130%	NA	80%	120%	112%	70%	130%
Dissolved Potassium	5603332	5603332	0.35	0.30	15.4%	< 0.05	98%	70%	130%	NA	80%	120%	98%	70%	130%
Dissolved Iron	5603332	5603332	0.143	0.170	17.3%	0.001	110%	70%	130%	NA	80%	120%	108%	70%	130%
Dissolved Manganese	5603332	5603332	0.00096	0.00060	NA	< 0.00005	102%	70%	130%	NA	80%	120%	101%	70%	130%

Comments: Matrix spike NA: Spike level < native concentration. Matrix spike acceptance limits do not apply and are not calculated.  
 Duplicate NA: results are less than 5X the RDL and RDP will not be calculated.

pH has been analyzed past the recommended holding time of 15 minutes from sampling (field measurement ideal if more accurate data required)

Nitrate and Nitrite: The regulatory hold time for the analysis of nitrate and/or nitrite in water is 72 hours.

**Water Analysis - Colour, Turbidity**

Colour, True	917	3332	< 5	< 5	NA	< 5	88%	80%	120%
Turbidity	878	3332	< 0.2	< 0.2	NA	< 0.2	100%	80%	120%

Comments: Matrix spike NA: Spike level < native concentration. Matrix spike acceptance limits do not apply and are not calculated.  
 Duplicate NA: results are less than 5X the RDL and RDP will not be calculated.

pH has been analyzed past the recommended holding time of 15 minutes from sampling (field measurement ideal if more accurate data required)

**Certified By:** \_\_\_\_\_

*PKaur*

## Method Summary

**CLIENT NAME:** DISTRICT OF HUDSON'S HOPE

**AGAT WORK ORDER:** 24F114717

**PROJECT:** Water Samples

**ATTENTION TO:** Gordon Davies A.Sc.T

**SAMPLING SITE:**
**SAMPLED BY:**

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
<b>Trace Organics Analysis</b>			
Monobromoacetic Acid	ORG-91-5121	EPA 552.3	GC ECD
Monochloroacetic Acid	ORG-91-5121	EPA 552.3	GC ECD
Dichloroacetic Acid	ORG-91-5121	EPA 552.3	GC ECD
Dibromoacetic Acid	ORG-91-5121	EPA 552.3	GC ECD
Trichloroacetic Acid	ORG-91-5121	EPA 552.3	GC ECD
Haloacetic Acids (HAA5)	ORG-91-5121	EPA 552.3	GC ECD
Bromochloroacetic Acid	ORG-91-5121	EPA 552.3	GC/ECD
2-Bromopropionic Acid	ORG-91-5121	EPA 552.3	GC/ECD
Chloroform	TO-0330	EPA SW-846 5030 & 8260	GC/MS
Bromodichloromethane	TO-0330	EPA SW-846 5030 & 8260	GC/MS
Dibromochloromethane	TO-0330	EPA SW-846 5030 & 8260	GC/MS
Bromoform	TO-0330	EPA SW-846 5030 & 8260	GC/MS
Total Trihalomethanes	TO-0330	EPA SW-846 8260	GC/MS
Toluene-d8	TO-0330	EPA SW-846 5030 & 8260	GC/MS
<b>Water Analysis</b>			
Colour, True	WATR 0710	SM 2120 C	VISUAL
Turbidity	WATR-0500	SM 2130 B	NEPHELOMETER
pH	INST 0101, INST 0104	SM 4500 H+	PH METER
p - Alkalinity (as CaCO <sub>3</sub> )	INST-0100, INST-0101	SM 2320 B	TITRATION
T - Alkalinity (as CaCO <sub>3</sub> )	INST-0100, INST-0101	SM 2320 B	TITRATION
Bicarbonate	INST 0101	SM 2320 B	PC TITRATE
Carbonate	INST 0101	SM 2320 B	PC TITRATE
Hydroxide	INST 0101	SM 2320 B	PC TITRATE
Electrical Conductivity	INST 0101, INST 0120	SM 2510 B	CONDUCTIVITY METER
Chloride	INST 0150	SM 4110 B	ION CHROMATOGRAPH
Fluoride	INST 0150	SM 4110 B	ION CHROMATOGRAPH
Nitrate	INST 0150	SM 4110 B	ION CHROMATOGRAPH
Nitrate-N	INST 0150	SM 4110 B	CALCULATION
Nitrite	INST 0150	SM 4110 B	ION CHROMATOGRAPH
Nitrite-N	INST 0150	SM 4110 B	CALCULATION
Nitrate+Nitrite - Nitrogen	INST 0150	SM 4110 B	CALCULATION
Sulfate	INST 0150	SM 4110 B	ION CHROMATOGRAPH
Dissolved Calcium	INST 0141	SM 3125 B	ICP-MS
Dissolved Magnesium	INST 0141	SM 3125 B	ICP-MS
Dissolved Sodium	INST 0141	SM 3125 B	ICP-MS
Dissolved Potassium	INST 0141	SM 3125 B	ICP-MS
Dissolved Iron	INST 0141	SM 3125 B	ICP-MS
Dissolved Manganese	INST 0141	SM 3125 B	ICP-MS
Sodium Adsorption Ratio		CARTER & GREGORICH 2007	CALCULATION
Calculated TDS		SM 1030E	CALCULATION
Hardness		SM 2340 B	CALCULATION
Ion Balance		SM 1030E	CALCULATION
Lab Filtration on Routine for IC			N/A
Lab Filtration on Routine for Metals			N/A



# AGAT Laboratories

29 JAN 24 11:08 AM '03

2910 12 Street NE

Calgary, Alberta T2E 7P7

P: 403-735-2005 • F: 403-735-2771

webearth.agatlabs.com

**Laboratory Use Only** 30C

Arrival Temperature: \_\_\_\_\_

Cooler Quantity: \_\_\_\_\_

Custody Seal Intact:  Yes  No  N/A

AGAT Job Number: 24F114717

## Chain of Custody Record

Emergency Support Services Hotline **1-855-AGAT 245 (1-855-242-8245)**

**Report Information**

Company: DISTRICT OF HUDSON'S HOPE

Contact: GORDON DAVIES A.Sc.T.

Address: \_\_\_\_\_

Phone: 250-783-0676

**Project Information**

Client Project #: \_\_\_\_\_

Site Location: \_\_\_\_\_

Sample By: \_\_\_\_\_

AGAT Quote #: \_\_\_\_\_

If a quotation number is not provided, client will be billed at standard rates. See terms and conditions of quote for full details.

**Invoice To** Same as Report to

Company: DISTRICT OF HUDSON'S HOPE

Contact: \_\_\_\_\_

Email: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

PO/CC #: \_\_\_\_\_

**Report Information**

1. Name: GORDON DAVIES A.Sc.T.

Email: gordon@hudsonshope.ca

2. Name: \_\_\_\_\_

Email: \_\_\_\_\_

3. Name: \_\_\_\_\_

Email: \_\_\_\_\_

**Requirements** (Selection may impact detection limits)

<b>CCME</b>	<b>AB Tier 1</b>	<b>Alberta Surface Water</b>
<input type="checkbox"/> Agricultural	<input type="checkbox"/> Agricultural	<input type="checkbox"/> Chronic
<input type="checkbox"/> Industrial	<input type="checkbox"/> Industrial	<input type="checkbox"/> Acute
<input type="checkbox"/> Residential/Park	<input type="checkbox"/> Residential/Park	<input type="checkbox"/> SK Notice of Site Cond.
<input type="checkbox"/> Commercial	<input type="checkbox"/> Commercial	<input type="checkbox"/> Drinking Water
<input type="checkbox"/> FWAL	<input type="checkbox"/> Natural Area	<input type="checkbox"/> Other:

Is this part of the Alberta SRP program?  YES  NO (If yes, please fill below)

Application Number: \_\_\_\_\_

Grant Amount: \_\_\_\_\_

Well/Facility/Location ID: \_\_\_\_\_

UWI: \_\_\_\_\_

**Turnaround Time Required (TAT)**

Regular TAT:  5 to 7 Business Days  
 <24 Hours (200%)

Rush TAT:  Next Business Day (100%)  
 2 Business Days (50%)  
 3 Business Days (25%)

Date Required: \_\_\_\_\_

Field Filtered (Y/N)	Preserved (Y/N)	Detailed Salinity: <input type="checkbox"/> AB <input type="checkbox"/> SK <input type="checkbox"/> BC <input type="checkbox"/> D50	<input type="checkbox"/> CCME/AB: BTEX/F1-F4	<input type="checkbox"/> CCME/AB: BTEX/F1-F2	<input type="checkbox"/> BC: BTEX/VPH/EPH	<input type="checkbox"/> BC: LEPH/HEPH	SK: BTEX/TVH/C11-C22, C23-C60	Soil Metals: <input type="checkbox"/> HWS-B <input type="checkbox"/> SP-B <input type="checkbox"/> Hg <input type="checkbox"/> Cr <sup>6+</sup>	Water Metals: <input type="checkbox"/> Dissolved <input type="checkbox"/> Total <input type="checkbox"/> Hg <input type="checkbox"/> Cr <sup>6+</sup>	Routine Water Chemistry	Landfill: <input type="checkbox"/> AB Class 2 <input type="checkbox"/> BC <input type="checkbox"/> SK	Coliforms: <input type="checkbox"/> Total <input type="checkbox"/> Fecal <input type="checkbox"/> E.coli	Particle Size: <input type="checkbox"/> Sieve (75µm) <input type="checkbox"/> Texture	<b>TRIHALOMETHANE</b>	<b>HALOACETIC ACID</b>	Hold For 30 Days No Analysis (Additional Fee)	Long Term Storage - 6 Months	Long Term Storage - 1 Year	True Colour	Turbidity

LABORATORY USE (LAB ID #)	SAMPLE IDENTIFICATION	DEPTH	DATE/TIME SAMPLED	SAMPLE MATRIX	COMMENTS	# OF CONTAINERS		
						VIALS / JARS	BAGS	BOTTLES
1	WATER TREATED - WTP		JAN. 24/24					
2				9:00 AM		2		
3				8:55 AM		3		
4				8:55 AM				1
5				8:50 AM				2
6				8:50 AM				1
7								1
8	Q035 WATER TREATED - WTP		JAN 24/24	8:50 AM				1
9								
10								

Samples Relinquished By (Print Name and Sign): _____	Date/Time: _____	Samples Received By (Print Name and Sign): <u>Shady Sackman</u>	Date/Time: <u>Jan 24/24</u>	11:30	Pink Copy - Client
Samples Relinquished By (Print Name and Sign): _____	Date/Time: _____	Samples Received By (Print Name and Sign): <u>John Capra</u>	Date/Time: <u>Jan 25, 2024</u>		Yellow Copy - AGAT
Samples Relinquished By (Print Name and Sign): _____	Date/Time: _____	Samples Received By (Print Name and Sign): _____	Date/Time: _____		White Copy - AGAT

Page 1 of 1

Nº: AB **167518**

### RECEIVING BASICS - Shipping

Company/Consultant: District of Hudson's Hope  
 Courier: Jazz Prepaid  Collect   
 Waybill# \_\_\_\_\_  
 Branch: EDM GP FN FM RD VAN LYD  EST SASK Other: \_\_\_\_\_  
 If multiple sites were submitted at once: Yes  No   
 Custody Seal Intact: Yes  No  NA   
 TAT: <24hr 24-48hr 48-72hr  Reg Other \_\_\_\_\_  
 Cooler Quantity: 1

### TIME SENSITIVE ISSUES - Shipping

ALREADY EXCEEDED HOLD TIME? Yes  No   
 Inorganic Tests (Please Circle): Mibi, BOD, Nitrate/Nitrite,  Turbidity,  Color, Microtox, Ortho PO4, Tedlar Bag, Residual Chlorine, Chlorophyll\*, Chloroamines\*  
 Earliest Expiry: Jan 27, 2024  
 Hydrocarbons: Earliest Expiry \_\_\_\_\_

### SAMPLE INTEGRITY - Shipping

Hazardous Samples: YES  NO  Precaution Taken: \_\_\_\_\_  
 Legal Samples: Yes  No   
 International Samples: Yes  No   
 Tape Sealed: Yes  No   
 Coolant Used: Icepack  Bagged Ice  Free Ice  Free Water  None

Temperature (Bottles/Jars only) N/A if only Soil Bags Received

### FROZEN (Please Circle if samples received Frozen)

1 (Bottle/Jar) 3 + 3 + 3 = 3 °C    2 (Bottle/Jar) \_\_\_ + \_\_\_ + \_\_\_ = \_\_\_ °C  
 3 (Bottle/Jar) \_\_\_ + \_\_\_ + \_\_\_ = \_\_\_ °C    4 (Bottle/Jar) \_\_\_ + \_\_\_ + \_\_\_ = \_\_\_ °C  
 5 (Bottle/Jar) \_\_\_ + \_\_\_ + \_\_\_ = \_\_\_ °C    6 (Bottle/Jar) \_\_\_ + \_\_\_ + \_\_\_ = \_\_\_ °C  
 7 (Bottle/Jar) \_\_\_ + \_\_\_ + \_\_\_ = \_\_\_ °C    8 (Bottle/Jar) \_\_\_ + \_\_\_ + \_\_\_ = \_\_\_ °C  
 9 (Bottle/Jar) \_\_\_ + \_\_\_ + \_\_\_ = \_\_\_ °C    10 (Bottle/Jar) \_\_\_ + \_\_\_ + \_\_\_ = \_\_\_ °C  
 (If more than 10 coolers are received use another sheet of paper and attach)

### LOGISTICS USE ONLY

Workorder No: 24F114717  
 Samples Damaged: Yes  No  If YES why?  
 No Bubble Wrap  Frozen  Courier   
 Other: \_\_\_\_\_  
 Account Project Manager: \_\_\_\_\_ have they been notified of the above issues: Yes  No   
 Whom spoken to: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 CPM Initial \_\_\_\_\_  
 General Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\* Subcontracted Analysis (See CPM)

Time Sensitive

# AGAT Laboratories

## SAMPLE INTEGRITY RECEIPT FORM

Date: 24/01/24 COC#: 167518

**RECEIVING BASICS - Shipping**

Company/Consultant: DIST. OF HUDSON'S HOPE

Courier: \_\_\_\_\_ Prepaid Collect

Waybill# \_\_\_\_\_

Branch: EDM GP FN FM RD VAN LYD  FSJ EST SASK Other: \_\_\_\_\_

If multiple sites were submitted at once:  Yes  No

Custody Seal Intact: Yes No  NA

TAT: <24hr 24-48hr 48-72hr  Reg Other \_\_\_\_\_

Cooler Quantity: 1 Not Specified

**TIME SENSITIVE ISSUES - Shipping**

ALREADY EXCEEDED HOLD TIME? Yes  No

Inorganic Tests (Please Circle): Mibi, BOD, Nitrate/Nitrite, Turbidity,  Color, Microtox, Ortho PO4, Tedlar Bag, Residual Chlorine, Chlorophyll\*, Chloroamines\* \* UV Transmittance

Earliest Expiry: Jan 27/24 @ 08:50

Hydrocarbons: Earliest Expiry \_\_\_\_\_

**SAMPLE INTEGRITY - Shipping**

Hazardous Samples: YES  NO Precaution Taken: \_\_\_\_\_

Legal Samples: Yes  No

International Samples: Yes  No

Tape Sealed: Yes  No

Coolant Used:  Icepack  Bagged Ice  Free Ice  Free Water  None

**Temperature** (Bottles/Jars only) N/A if only Soil Bags Received

**FROZEN** (Please Circle if samples received Frozen)

1 (Bottle/Jar) 10.6 + 10.7 + 11.7 = 11.0 °C    2 (Bottle/Jar) \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ °C

3 (Bottle/Jar) \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ °C    4 (Bottle/Jar) \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ °C

5 (Bottle/Jar) \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ °C    6 (Bottle/Jar) \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ °C

7 (Bottle/Jar) \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ °C    8 (Bottle/Jar) \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ °C

9 (Bottle/Jar) \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ °C    10 (Bottle/Jar) \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ °C

(If more than 10 coolers are received use another sheet of paper and attach)

**LOGISTICS USE ONLY**

Workorder No: \_\_\_\_\_

Samples Damaged: Yes No If YES why?

No Bubble Wrap Frozen Courier

Other: \_\_\_\_\_

Account Project Manager: \_\_\_\_\_ have they been notified of the above issues: Yes No

Whom spoken to: \_\_\_\_\_ Date/Time: \_\_\_\_\_

CPM Initial \_\_\_\_\_

General Comments: 1xsm.c

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Sent to:  2910  Burnaby  Edm 6310 OTHER: \_\_\_\_\_

Courier: WAZOO Waybill: \_\_\_\_\_

\* Subcontracted Analysis (See CPM)



# JAZOO EXPRESS COURIER

www.jazooCourier.com

CLIENT USE ONLY			
Contact Name:	AMANDA R	Contact Location:	FSJ
Date:	JAN 24, 2024	Delivery From:	10316 94 AVE FORT ST. JOHN, BC V1J 4X3
Total # Items:	3	Delivery To:	AGAT ENV: 2910 12 ST NE CALGARY, AB T2E 7P7
		Item:	2 SM COOLER
		Description:	1 MED COOLER
		envelope, sm/med/lg box, cooler, etc.	
Authorized Shipper Signature:		Job/PO/Reference #:	
		Damped	
DRIVER USE ONLY			
P/U Driver Name:	Nesher	P/U Time:	am
# Items P/U:	3		5:30 am
Overweight			pm
+1 plu@Depot (Customer Direct Send) FSJ			
Total # Items Dropped Off:	4	D/O Driver Name:	FSJ
Authorized Receiver Signature:			
HOTSHOT DETAILS			
Total Km:		Or Total Charge (\$):	
OFFICE USE ONLY			
Verified By:		Invoiced By:	
To schedule a pickup please contact dispatch at the city nearest you:			
Calgary	403-660-5504	Fort McMurray	587-645-6364
Edmonton	780-903-3628	Grande Prairie	587-297-8406
THANK YOU FOR SUPPORTING LOCAL AND CHOOSING JAZOO EXPRESS COURIER.			