

Fire Alarm Inspection Report

This states that the Fire Alarm System,

Type MIRCOM FX-2000

Located ANGLOPHONE WEST SCHOOL DISTRICT - HARVEY HIGH SCHOOL
2055 ROUTE 3 HARVEY, NB

Was checked and WAS in proper working order on,
Date JULY 28, 2022

Deficiencies _____

Recommendations and/or comments PLEASE SEE THE ATTACHED DEVICE LIST FOR
ANY RECOMMENDATIONS AND/OR COMMENTS.

Checked by EUGENE KNORR Technician
National Alarm Systems (F'ton) Ltd.
PO Box 202, 891 Riverside Drive
Fredericton, NB E3B 4Y9
Ph: (506) 458-9433 • Fax: (506) 452-8791



In compliance with Can/U/LC S536-04

CERTIFICATE OF ANALYSIS / CERTIFICAT D'ANALYSE

for/pour
ASD-W (HZ3)
Department of Education
250 King Street, Place 2000
Fredericton, NB E3B 9M9



921 College Hill Rd
Fredericton NB
Canada E3B 6Z9
Tel: 506.452.1368
Fax: 506.452.1395
www.rpc.ca

Attention: Francois Godin / Natasha Grant /
Peggy Barkwell / / Central Public Health

Microbiological Examination of Water/Qualité microbiologique de l'eau potable

RPC Sample ID/No. d'échantillon de RPC:				469722-1
Client Sample ID/ID d'échantillon du client:				23223 Harvey Elementary School-DWS #2
Date collected/Date du prélèvement				3-Jan-23
Time sampled/Heure du prélèvement				6:47:00 AM
Analytes/Paramètre(s)	Method/Méthode	Date Analyzed Date Analysé	Units Unités	
Coliforms/Coliformes	FFA10	3-Jan-23	P-A/100mL	a
E. coli	FFA10	3-Jan-23	P-A/100mL	a

This report relates only to the sample(s) and information provided to the laboratory.

Le présent rapport ne s'applique qu'aux échantillons et à l'information transmis au laboratoire.

a = absent/absentes

Cathy Hay
Microbiology Supervisor
Applied and Experimental Bioscience

Taylor Sheahan
Microbiology Technician
Applied and Experimental Bioscience

Report of Inspection / Test

Frequency: Semi-Annual ITM

2023-01-05

Property

HARVEY HIGH SCHOOL - D18
2055 ROUTE 3
Harvey Station NB E6K 2P4

WO Ref #: 510796

Conducted by: Roy Barton

Troy Life & Fire Safety Ltd
175 Henri Dunant Street
Moncton New Brunswick E1E 1E4
1-877-441-8769



Life & Fire Safety Ltd.

24 HR. SERVICE
1-877-441-8769

troylfs.com

Report of Inspection / Test General Questions

OWNER SECTION

Is the building occupied?	Yes	Has the occupancy classification, hazard of contents, and/or storage method remained the same since the last inspection?	Yes
Are all fire protection systems in service?	Yes	Has the system remained in service without modification since the last inspection?	Yes
Was the system free of actuations of devices or alarms since the last inspection?	Yes	Who provided the information in the report?	Mathew Smith / Troy LFS
Does the property owner maintain records per NFPA 25 4.3.3?	Yes	Are valve enclosures maintaining a minimum of 4 degrees Celcius?	Yes

FIRE DEPARTMENT CONNECTION

Is the FDC plainly visible and easily accessible?	Yes	Are the FDC caps and plugs in place and undamaged?	Yes
Are the FDC gaskets in place?	Yes	Is the FDC check valve free of leaks?	Yes
Has the interior of the FDC been inspected for obstructions?	Yes	Is the visible piping supplying the FDC undamaged?	Yes
Are the fire department connections visible and accessible?	Yes	Are gaskets in place and in good condition?	Yes
Are identification signs in place?	Yes	Is the automatic drain valve in place and operating properly?	Yes
Is the fire department connection clapper(s) in place and operating properly?	Yes		

CONTROL VALVE AREA

Are the control valves supervised with seals have appropriate wrenches?	N/A	Are the control valves with locks in correct (open or closed) position?	N/A
Are the control valves with locks locked or is supervision in place?	N/A	Are the control valves with locks accessible?	N/A
Are the control valves with locks free from any leaks?	N/A	Are the control valves with locks have the appropriate wrenches?	N/A
Are the control valves with locks properly identified?	N/A	Are the control valves with electrical supervision in correct (open or closed) position?	Yes
Are the control valves with electrical supervision locked or is supervision in place?	Yes	Are the control valves with electrical supervision accessible?	Yes
Are the control valves with electrical supervision free from any leaks?	Yes	Are the control valves with electrical supervision have the appropriate wrenches?	Yes
Are the control valves with electrical supervision properly identified?	Yes		

VALVE AREA

Report of Inspection / Test

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Are all check valves externally inspected, operating properly, and are in good condition?	Yes	Are the gauges on system operable and in good working condition?	No
Are the gauges on system showing normal water supply pressure?	Yes	Are Pressure reducing valves (sprinkler system) in open position and not leaking?	N/A
Are Pressure reducing valves (sprinkler system) with downstream pressure per the design?	N/A	Are Pressure reducing valves in good condition including no handwheels broken?	N/A
Have the mechanical waterflow alarm devices passed tests by opening inspector's test connection/bypass connection with alarms actuating and flow observed?	Yes	Do valve supervisory switches indicate movement?	Yes
The electrical waterflow alarm devices passed test by opening inspector's test connection/bypass connection with alarms actuating and flow observed?	Yes		
DRY VALVE			
Are the gauges on systems with/without low pressure alarms in good condition and showing normal air and water pressure?	Yes	For freezer systems, gauge near compressor reading the same as gauge near the dry-pipe valve?	N/A
Is the dry pipe valve(s) free from physical damage?	Yes	Are trim valves in appropriate (open or closed) position?	Yes
Is there no leakage in the intermediate chamber?	Yes	Is the priming level correct and has the low air pressure signal passed it's test?	Yes
Has the quick opening device passed the test?	N/A	Have the strainers, filters and orifices been inspected?	Yes
BACKFLOW PREVENTERS			
Is relief port on RPZ device not discharging?	Yes		
ALARMS			
Is the alarm valve free from physical damage?	Yes	Is the trim in correct (open or closed) position?	Yes
Is there no leakage in the retarding chamber or drains?	Yes	Are alarms and supervisory devices not damaged?	Yes
MAINTENANCE			
Do the alarm valve(s), strainers, filters and restricted offices pass internal inspection?	Yes	Are dry-pipe systems kept in dry condition?	Yes
Have auxiliary drains been emptied (before freezing weather) ?	Yes	If conditions were found that required flushing, was flushing of the system conducted?	N/A
Have adjusted, repaired, reconditioned, or replaced components had proper tests/inspections performed?	N/A	Was a drain test conducted after opening any closed valve?	Yes

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Report of Inspection / Test for System - DRY 1

AIR COMPRESSORS

Is the air compressor, piping, wiring free of physical damage?	Yes	Is the air compressor anchored properly to the structure or system piping?	Yes
For oil-filled air compressors, is the level sufficient?	Yes	Does the air compressor operate as intended on the proper drop in pressure?	Yes
Does the air compressor restore normal air pressure in the required time frame?	Yes	Does the air compressor operate without overheating?	Yes
For oil-filled air compressors, has the oil been replaced or changed per the manufacturer's instructions?	Yes		

MAIN DRAIN FLOW TESTS

System	Initial Static	Residual	Static	Seconds to Return to Initial Static	Flow Observed?	Did waterflow alarm operate?	Are results comparable to previous test?
WET 1	95	tanks	95	1	N/A	Yes	Yes
DRY 1	100	tanks	100	1	N/A	N/A	Yes

INSPECTORS TEST CONNECTION

System	Location	Description	Time to Alarm (seconds)	Reported?	Smooth Orifice	Easily Accessible	Signs?	Pass?
WET 1	Tank Room	Basement	60	Yes	Yes	Yes	Yes	Yes
DRY 1	Dust collector	Drum drip	na	N/A	Yes	Yes	Yes	Yes
WET 1	Tool crib in mechanical shop	First floor	60	Yes	Yes	Yes	Yes	Yes
WET 1	Cabinet in room 209	Second Floor	60	Yes	Yes	Yes	Yes	Yes

VALVES

System	Description	Location	Valve Type	Size	Secured	Open	Easily Accessible	Signs	Exercised	Stems Lubricated	Flow Pass	Tamper Pass
WET 1	Tank 1 control	Tank Room	Butterfly	4 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
DRY 1	Dust Collector control	Wood Shop	Butterfly	1-1/2 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
DRY 1	Victaulic	Wood Shop	Dry Pipe Valve	1-1/2 "	Monitored	N/A	Yes	Yes	N/A	N/A	Pass	Pass
WET 1	Tank 2 control	Tank Room	Butterfly	4 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass

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VALVES

System	Description	Location	Valve Type	Size	Secured	Open	Easily Accessible	Signs	Exercised	Stems Lubricated	Flow Pass	Tamper Pass
WET 1	Tank 1 check	Tank Room	Riser Check Valve	4 "	Not Applicable	N/A	Yes	N/A	Yes	N/A	N/A	N/A
WET 1	Tank 2 check	Tank Room	Riser Check Valve	4 "	Not Applicable	N/A	Yes	N/A	Yes	N/A	N/A	N/A
WET 1	Main Control	Tank Room	OS&Y	4 "	Monitored	Yes	Yes	Yes	Yes	Yes	N/A	Pass
WET 1	Basement control	Tank Room	OS&Y	2 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Astra	Tank Room	Riser Check Valve	4 "	Not Applicable	N/A	Yes	N/A	Yes	N/A	N/A	N/A
WET 1	Dry feed	Tank Room	Butterfly	1-1/2 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Hood control	Kitchen	OS&Y	1 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Top of elevator	Above ceiling near elevator	OS&Y	1 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Second Floor control	Top of stairwell	OS&Y	3 "	Monitored	Yes	Yes	Yes	Yes	Yes	N/A	Pass
WET 1	First floor control	Hatch near custodian Room	OS&Y	3 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass

DRAIN VALVES

System	Description	Location	Drain	Aux Drain Drained	Water Flow Observed
DRY 1	Low point	At dust collector	Drum Drip	Yes	N/A
DRY 1	Main Drain	At DPV	Angle Valve	Yes	Yes
WET 1	Main Drain tank 1	Tank Room	Globe Valve		
WET 1	Main Drain tank 2	Tank Room	Ball Valve		

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Deficiencies - General Questions

Deficiency #1

Are the gauges on system operable and in good working condition? - 13.2.7: No

Status: Non Critical

Notes: Gauges requirement replacement.

Deficiencies - General Wet System Questions

None

Deficiencies - General Dry System Questions

None

Deficiencies - WET 1

None

Deficiencies - DRY 1

None

Deficiencies - Inspectors Test Connection

None

Deficiencies - Valves

None

Deficiencies - Drain Valves

None

Report of Inspection / Test

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Inspector Signature

I state that the information on this form is correct at the time and place of my inspection, and all equipment tested at this time was left in operational condition upon completion of this inspection except as noted.

Inspector Name

Roy Barton

Signature

Date Completed

2023-01-05

Report ID: 471805-ML-W1
 Report Date: 25-Jan-23
 Date Received: 24-Jan-23

CERTIFICATE OF ANALYSIS

for
 ASD-W (HZ3)
 Department of Education
 250 King Street, Place 2000
 Fredericton, NB E3B 9M9



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 Fredericton NB
 Canada E3B 6Z9
 Tel: 506.452.1368
 Fax: 506.452.1395
 www.rpc.ca

Attention: Francois Godin / Natasha Grant /
 Distributions List ASD Contacts / Central Public Health

Microbiological Examination of Water

Analytes:				Coliforms/Coliformes	E. coli
Units:				P-A/100mL	P-A/100mL
Method ID:				FFA10	FFA10
Date Analyzed:				24-Jan-23	24-Jan-23
RPC Sample ID	Client Sample ID	Date Sampled	Time Sampled		
471805-1	23223 Harvey Elementary School DWS #2	24-Jan-23	7:07:00 AM	a	a
471805-2	23234 Keswick Ridge School DWS	24-Jan-23	10:45:00 AM	a	a
471805-3	23245 Harvey High School DWS	24-Jan-23	6:55:00 AM	a	a
471805-4	22855 Keswick Valley	24-Jan-23	10:14:00 AM	a	a
471805-5	26539 Hanwell Park	24-Jan-23	7:44:00 AM	a	a

This report relates only to the sample(s) and information provided to the laboratory.

a = absent

Cathy Hay
 Microbiology Supervisor
 Applied and Experimental Bioscience

MICRO WATER

Page 1 of 1

Taylor Sheahan
 Microbiology Technician
 Applied and Experimental Bioscience

CERTIFICATE OF ANALYSIS / CERTIFICAT D'ANALYSE

for/pour
 ASD-W (HZ3)
 Department of Education
 250 King Street, Place 2000
 Fredericton, NB E3B 9M9



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Attention: Francois Godin / Natasha Grant /
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Microbiological Examination of Water/Qualité microbiologique de l'eau potable

RPC Sample ID/No. d'échantillon de RPC:				475027-1	475027-2	475027-3	475027-4
Client Sample ID/ID d'échantillon du client:				23223 Harvey Elementary School DWS #2	23234 Keswick Ridge School DWS	23245 Harvey High School DWS	22855 Keswick Valley
Date collected/Date du prélèvement				27-Feb-23	27-Feb-23	27-Feb-23	27-Feb-23
Time sampled/Heure du prélèvement				11:06:00 AM	10:26:00 AM	11:38:00 AM	10:01:00 AM
Analytes/Paramètre(s)	Method/Méthode	Date Analyzed Date Analysé	Units Unités				
Coliforms/Coliformes	MICRO10	27-Feb-23	P-A/100mL	a	a	a	a
E. coli	MICRO10	27-Feb-23	P-A/100mL	a	a	a	a
HPC	MICRO11	27-Feb-23	cfu/mL	1	7	33	3

This report relates only to the sample(s) and information provided to the laboratory.

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a = absent/absentes

Cathy Hay
 Microbiology Supervisor
 Applied and Experimental Bioscience

Estela Terruel
 Microbiology Technician
 Applied and Experimental Bioscience

CERTIFICATE OF ANALYSIS / CERTIFICAT D'ANALYSE

for/pour
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 Department of Education
 250 King Street, Place 2000
 Fredericton, NB E3B 9M9



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Attention: Francois Godin / Natasha Grant /
 Distributions List ASD Contacts / Central Public Health

Microbiological Examination of Water/Qualité microbiologique de l'eau potable

RPC Sample ID/No. d'échantillon de RPC:				475027-5
Client Sample ID/ID d'échantillon du client:				26539 Hanwell Park
Date collected/Date du prélèvement				27-Feb-23
Time sampled/Heure du prélèvement				12:27:00 PM
Analytes/Paramètre(s)	Method/Méthode	Date Analyzed Date Analysé	Units Unités	
Coliforms/Coliformes	MICRO10	27-Feb-23	P-A/100mL	a
E. coli	MICRO10	27-Feb-23	P-A/100mL	a
HPC	MICRO11	27-Feb-23	cfu/mL	153

Preventive Maintenance of Elevators in N.B. School
 Bi-Monthly / Semi-Annual / Annual Report

Permit Date: 2021/05/27
 Date:

School Name: Apurux High School
 Date: February 28th / 2022

Unit Number: 1100
 Unit Manufacturer: Maintenance
 Unit Type: Hydraulic Passenger
 Date Testing Completed: April 27th / 2022

Bi-Monthly Report	Complete	N/A	Semi Annual Report	Complete	N/A
Check in at School Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vacuum controllers, Check relays, contacts & selectors.	<input type="checkbox"/>	<input type="checkbox"/>
Ride unit, check speed and leveling. Adjust if needed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check for proper Fuse Sizing, check main power connections	<input type="checkbox"/>	<input type="checkbox"/>
Verify all safety circuits & scheduling devices	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check & adjust voltage of rectifier and record	<input type="checkbox"/>	<input type="checkbox"/>
Lubricate, clean & adjust all components	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check fastings, Operating rollers, cams of H-way limits & safety switches	<input type="checkbox"/>	<input type="checkbox"/>
Check all lamps & signals. Replace bulbs as required.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check selector tape, wire ropes & cables	<input type="checkbox"/>	<input type="checkbox"/>
Check fan and car interior	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Inspect, adjust & Lubricate: door closers arms & reel and air cords	<input type="checkbox"/>	<input type="checkbox"/>
Confirm phone & emergency communication	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Adjust lower guides on car & doors.	<input type="checkbox"/>	<input type="checkbox"/>
Adjust & lubricate door operation, speed, hangers & track	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check car counterweight run-up	<input type="checkbox"/>	<input type="checkbox"/>
Check door protection, hanger rollers and relating cable tension	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check, clean & lubricate, governor, idler & tape sheaves	<input type="checkbox"/>	<input type="checkbox"/>
Verify door Gibbs and retainers, visual panels.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Inspect brakes, clean linings & pulleys, Lubricate pins, hangers & rails	<input type="checkbox"/>	<input type="checkbox"/>
Check and adjust hydraulic packing, valves, couplings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Demonstrates emergency lowering operation	<input type="checkbox"/>	<input type="checkbox"/>
Check hydraulic levels and top up. Report any loss to Supervisor immediately	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Discuss any notes with Facility Manager/ representative	<input type="checkbox"/>	<input type="checkbox"/>
Clean pit and check pit can	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Annual Report	Complete	N/A
Check motor, MG Brushes, oil level. Top up if needed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Change oil in Generators, motors and geared equipment	<input type="checkbox"/>	<input type="checkbox"/>
Inspect and Adjust loose guides on car	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check Sheaves & rope for wear Travelling cable & hangers	<input type="checkbox"/>	<input type="checkbox"/>
Verify Hoist way lockouts and access switch. (interlocks)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Clean generators & motors; Check wire connections	<input type="checkbox"/>	<input type="checkbox"/>
Clean Machine Rm. & Machine Rm. Equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check under car & counterweight safety devices	<input type="checkbox"/>	<input type="checkbox"/>
Clean top of car and equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Clean switches, check for wear breakage & Corrosion	<input type="checkbox"/>	<input type="checkbox"/>
Read and Fill out log book	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Complete hydrostatic test for in-ground and above-ground units	<input type="checkbox"/>	<input type="checkbox"/>
Note any adjustments, deficiencies and suggested repairs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Discuss any notes with Facility Manager / Representative	<input type="checkbox"/>	<input type="checkbox"/>
Discuss any notes with Facility Manager/representative	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Mechanic Bonser - mson
 School Signature

[Signature]
 Mechanic Signature

{

Important Notes:

- All the items in the checklist should be checked with your initials and not only signed at the end.
- Refer to specification for complete list of work to be performed

Comments:

Semi Annual Reference Guide:

- Jan-Jul
- Feb-Aug
- Mar-Sep
- Apr-Oct
- May-Nov
- Jun-Dec

Report of Inspection / Test

Frequency: Quarterly ITM

2023-03-06

Property

HARVEY HIGH SCHOOL - D18
2055 ROUTE 3
Harvey Station NB E6K 2P4

WO Ref #: 549233

Conducted by: Roy Barton

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Is the building occupied?	Yes	Has the occupancy classification, hazard of contents, and/or storage method remained the same since the last inspection?	Yes
Are all fire protection systems in service?	Yes	Has the system remained in service without modification since the last inspection?	Yes
Was the system free of actuations of devices or alarms since the last inspection?	Yes	Who provided the information in the report?	Mathew Smith / Troy LFS Inspector
Does the property owner maintain records per NFPA 25 4.3.3?	Yes	Are valve enclosures maintaining a minimum of 4 degrees Celcius?	Yes

FIRE DEPARTMENT CONNECTION

Is the FDC plainly visible and easily accessible?	Yes	Are the FDC caps and plugs in place and undamaged?	Yes
Are the FDC gaskets in place?	Yes	Is the FDC check valve free of leaks?	Yes
Has the interior of the FDC been inspected for obstructions?	Yes	Is the visible piping supplying the FDC undamaged?	Yes
Are the fire department connections visible and accessible?	Yes	Are gaskets in place and in good condition?	Yes
Are identification signs in place?	Yes	Is the automatic drain valve in place and operating properly?	Yes
Is the fire department connection clapper(s) in place and operating properly?	Yes		

CONTROL VALVE AREA

Are the control valves supervised with seals have appropriate wrenches?	N/A	Are the control valves with locks in correct (open or closed) position?	N/A
Are the control valves with locks locked or is supervision in place?	N/A	Are the control valves with locks accessible?	N/A
Are the control valves with locks free from any leaks?	N/A	Are the control valves with locks have the appropriate wrenches?	N/A
Are the control valves with locks properly identified?	N/A	Are the control valves with electrical supervision in correct (open or closed) position?	Yes
Are the control valves with electrical supervision locked or is supervision in place?	Yes	Are the control valves with electrical supervision accessible?	Yes
Are the control valves with electrical supervision free from any leaks?	Yes	Are the control valves with electrical supervision have the appropriate wrenches?	Yes
Are the control valves with electrical supervision properly identified?	Yes		

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Frequency: Quarterly ITM

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VALVE AREA

Are all check valves externally inspected, operating properly, and are in good condition?	Yes	Are the gauges on system operable and in good working condition?	No
Are the gauges on system showing normal water supply pressure?	Yes	Are Pressure reducing valves (sprinkler system) in open position and not leaking?	N/A
Are Pressure reducing valves (sprinkler system) with downstream pressure per the design?	N/A	Are Pressure reducing valves in good condition including no handwheels broken?	N/A
Have the mechanical waterflow alarm devices passed tests by opening inspector's test connection/bypass connection with alarms actuating and flow observed?	Yes		

DRY VALVE

Are the gauges on systems with/without low pressure alarms in good condition and showing normal air and water pressure?	Yes	For freezer systems, gauge near compressor reading the same as gauge near the dry-pipe valve?	N/A
Is the dry pipe valve(s) free from physical damage?	Yes	Are trim valves in appropriate (open or closed) position?	Yes
Is there no leakage in the intermediate chamber?	Yes	Is the priming level correct and has the low air pressure signal passed it's test?	Yes
Has the quick opening device passed the test?	N/A	Have the strainers, filters and orifices been inspected?	Yes

BACKFLOW PREVENTERS

Is relief port on RPZ device not discharging?	Yes		
-----------------------------------------------	-----	--	--

ALARMS

Is the alarm valve free from physical damage?	Yes	Is the trim in correct (open or closed) position?	Yes
Is there no leakage in the retarding chamber or drains?	Yes	Are alarms and supervisory devices not damaged?	Yes

MAINTENANCE

Do the alarm valve(s), strainers, filters and restricted offices pass internal inspection?	Yes	Are dry-pipe systems kept in dry condition?	Yes
Have auxiliary drains been emptied (before freezing weather)?	Yes	If conditions were found that required flushing, was flushing of the system conducted?	N/A
Have adjusted, repaired, reconditioned, or replaced components had proper tests/inspections performed?	N/A	Was a drain test conducted after opening any closed valve?	Yes

Report of Inspection / Test

Frequency: Quarterly ITM

2023-03-06

Property

HARVEY HIGH SCHOOL - D18
2055 ROUTE 3
Harvey Station NB E6K 2P4

WO Ref #: 549233

Conducted by: Roy Barton

Troy Life & Fire Safety Ltd
175 Henri Dunant Street
Moncton New Brunswick E1E 1E4
1-877-441-8769



Life & Fire Safety Ltd.

24 HR. SERVICE
1-877-441-8769

troylfs.com

Report of Inspection / Test for System - DRY 1

AIR COMPRESSORS

Is the air compressor, piping, wiring free of physical damage?	Yes	Is the air compressor anchored properly to the structure or system piping?	Yes
For oil-filled air compressors, is the level sufficient?	Yes	Does the air compressor operate as intended on the proper drop in pressure?	Yes
Does the air compressor restore normal air pressure in the required time frame?	Yes	Does the air compressor operate without overheating?	Yes
For oil-filled air compressors, has the oil been replaced or changed per the manufacturer's instructions?	Yes		

MAIN DRAIN FLOW TESTS

System	Initial Static	Residual	Static	Seconds to Return to Initial Static	Flow Observed?	Did waterflow alarm operate?	Are results comparable to previous test?
WET 1	95	tanks	95	1	Yes	Yes	Yes
DRY 1	95	tanks	95	1	Yes	N/A	Yes

INSPECTORS TEST CONNECTION

System	Location	Description	Time to Alarm (seconds)	Reported?	Smooth Orifice	Easily Accessible	Signs?	Pass?
WET 1	Tank Room	Basement	60	Yes	Yes	Yes	Yes	Yes
DRY 1	Dust collector	Drum drip	na	N/A	Yes	Yes	Yes	Yes
WET 1	Tool crib in mechanical shop	First floor	60	Yes	Yes	Yes	Yes	Yes
WET 1	Cabinet in room 209	Second Floor	60	Yes	Yes	Yes	Yes	Yes

VALVES

System	Description	Location	Valve Type	Size	Secured	Open	Easily Accessible	Signs	Exercised	Stems Lubricated	Flow Pass	Tamper Pass
WET 1	Tank 1 control	Tank Room	Butterfly	4 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
DRY 1	Dust Collector control	Wood Shop	Butterfly	1-1/2 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
DRY 1	Victaulic	Wood Shop	Dry Pipe Valve	1-1/2 "	Monitored	N/A	Yes	Yes	N/A	N/A	Pass	Pass
WET 1	Tank 2 control	Tank Room	Butterfly	4 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass

Report of Inspection / Test

Frequency: Quarterly ITM

2023-03-06

Property

HARVEY HIGH SCHOOL - D18
2055 ROUTE 3
Harvey Station NB E6K 2P4

WO Ref #: 549233

Conducted by: Roy Barton

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175 Henri Dunant Street
Moncton New Brunswick E1E 1E4
1-877-441-8769



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VALVES

System	Description	Location	Valve Type	Size	Secured	Open	Easily Accessible	Signs	Exercised	Stems Lubricated	Flow Pass	Tamper Pass
WET 1	Tank 1 check	Tank Room	Riser Check Valve	4 "	Not Applicable	N/A	Yes	N/A	Yes	N/A	N/A	N/A
WET 1	Tank 2 check	Tank Room	Riser Check Valve	4 "	Not Applicable	N/A	Yes	N/A	Yes	N/A	N/A	N/A
WET 1	Main Control	Tank Room	OS&Y	4 "	Monitored	Yes	Yes	Yes	Yes	Yes	N/A	Pass
WET 1	Basement control	Tank Room	OS&Y	2 "	Monitored	Yes	Yes	Yes	Yes	Yes	N/A	Pass
WET 1	Astra	Tank Room	Riser Check Valve	4 "	Not Applicable	N/A	Yes	Yes	Yes	N/A	N/A	N/A
WET 1	Dry feed	Tank Room	Butterfly	1-1/2 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Hood control	Kitchen	OS&Y	1 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Top of elevator	Above ceiling near elevator	OS&Y	1 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Second Floor control	Top of stairwell	OS&Y	3 "	Monitored	Yes	Yes	Yes	Yes	Yes	N/A	Pass
WET 1	First floor control	Hatch near custodian Room	OS&Y	3 "	Monitored	Yes	Yes	Yes	Yes	Yes	N/A	Pass

DRAIN VALVES

System	Description	Location	Drain	Aux Drain Drained	Water Flow Observed
DRY 1	Low point	At dust collector	Drum Drip	Yes	N/A
DRY 1	Main Drain	At DPV	Angle Valve	Yes	Yes
WET 1	Main Drain tank 1	Tank Room	Globe Valve		
WET 1	Main Drain tank 2	Tank Room	Ball Valve		

Report of Inspection / Test

Frequency: Quarterly ITM

2023-03-06

Property

HARVEY HIGH SCHOOL - D18
2055 ROUTE 3
Harvey Station NB E6K 2P4

WO Ref #: 549233

Conducted by: Roy Barton

Troy Life & Fire Safety Ltd
175 Henri Dunant Street
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24 HR. SERVICE
1-877-441-8769

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Deficiencies - General Questions

Deficiency #1

Are the gauges on system operable and in good working condition? - 13.2.7: No

Status: Non Critical

Notes: Gauges shall be replaced.

Deficiencies - General Wet System Questions

None

Deficiencies - General Dry System Questions

None

Deficiencies - WET 1

None

Deficiencies - DRY 1

None

Deficiencies - Inspectors Test Connection

None

Deficiencies - Valves

None

Deficiencies - Drain Valves

None

Report of Inspection / Test

Frequency: Quarterly ITM

2023-03-06

Property

HARVEY HIGH SCHOOL - D18
2055 ROUTE 3
Harvey Station NB E6K 2P4

WO Ref #: 549233

Conducted by: Roy Barton

Troy Life & Fire Safety Ltd
175 Henri Dunant Street
Moncton New Brunswick E1E 1E4
1-877-441-8769



Life & Fire Safety Ltd.

24 HR. SERVICE
1-877-441-8769

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Inspector Signature

I state that the information on this form is correct at the time and place of my inspection, and all equipment tested at this time was left in operational condition upon completion of this inspection except as noted.

Inspector Name

Roy Barton

Signature

Date Completed

2023-03-06

Report ID: 477652-ML-W1
 Report Date: 28-Mar-23
 Date Received: 27-Mar-23

CERTIFICATE OF ANALYSIS

for
 ASD-W (HZ3)
 Department of Education
 250 King Street, Place 2000
 Fredericton, NB E3B 9M9



921 College Hill Rd
 Fredericton NB
 Canada E3B 6Z9
 Tel: 506.452.1368
 Fax: 506.452.1395
 www.rpc.ca

Attention: Francois Godin / Natasha Grant /
 Distributions List ASD Contacts / Central Public Health

Microbiological Examination of Water

Analytes:				Coliforms/Coliformes	E. coli
Units:				P-A/100mL	P-A/100mL
Method ID:				MICRO10	MICRO10
Date Analyzed:				27-Mar-23	27-Mar-23
RPC Sample ID	Client Sample ID	Date Sampled	Time Sampled		
477652-1	23223 Harvey Elementary School DWS #2	27-Mar-23	7:00:00 AM	a	a
477652-2	23234 Keswick Ridge School DWS	27-Mar-23	7:41:00 AM	a	a
477652-3	23245 Harvey High School DWS	27-Mar-23	6:43:00 AM	a	a
477652-4	26539 Hanwell Park	27-Mar-23	9:28:00 AM	a	a
477652-5	22855 Keswick Valley	27-Mar-23	8:31:00 AM	a	a

This report relates only to the sample(s) and information provided to the laboratory.

a = absent

Cathy Hay
 Microbiology Supervisor
 Applied and Experimental Bioscience

MICRO WATER

Page 1 of 1

Adrienne Fortin
 Microbiology Technician
 Applied and Experimental Bioscience

Report ID: 477652-OAS
 Report Date: 30-Mar-23
 Date Received: 27-Mar-23

CERTIFICATE OF ANALYSIS

for
 ASD-W (HZ3)
 Department of Education
 250 King Street, Place 2000
 Fredericton, NB E3B 9M9



921 College Hill Rd
 Fredericton NB
 Canada E3B 6Z9
 Tel: 506.452.1212
 Fax: 506.452.0594
 www.rpc.ca

Attention: Francois Godin
Project #: Not Available

Semi-Volatile Organic Compounds in Water

RPC Sample ID:				477652-1	477652-2	477652-3	477652-4	477652-5
Client Sample ID:				23223	23234	23245	26539	22855
Date Sampled:				Harvey Elementary School DWS #2	Keswick Ridge School DWS	Harvey High School DWS	Hanwell Park	Keswick Valley
Matrix:				27-Mar-23	27-Mar-23	27-Mar-23	27-Mar-23	27-Mar-23
				water	water	water	water	water
Analytes	Units	RL	MAC(AO)					
Benzo(a)pyrene	mg/L	0.00001	0.00004	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Pentachlorophenol	mg/L	0.0002	0.06	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
P_terphenyl_d14	%			90	89	85	91	92
2,4,6-tribromophenol	%			75	72	64	77	76

This report relates only to the sample(s) and information provided to the laboratory.
 RL = Reporting Limit

Angela Colford
 Lab Supervisor
 Organic Analytical Services

Steven Davenport
 Senior Technician
 Organic Analytical Services

Report ID: 477652-OAS
 Report Date: 30-Mar-23
 Date Received: 27-Mar-23

CERTIFICATE OF ANALYSIS

for
 ASD-W (HZ3)
 Department of Education
 250 King Street, Place 2000
 Fredericton, NB E3B 9M9



921 College Hill Rd
 Fredericton NB
 Canada E3B 6Z9
 Tel: 506.452.1212
 Fax: 506.452.0594
 www.rpc.ca

Attention: Francois Godin
Project #: Not Available

Volatile Organic Compounds in Water

RPC Sample ID:				477652-1	477652-2	477652-3	477652-4	477652-5
Client Sample ID:				23223 Harvey Elementary School DWS #2	23234 Keswick Ridge School DWS	23245 Harvey High School DWS	26539 Hanwell Park	22855 Keswick Valley
Date Sampled:				27-Mar-23	27-Mar-23	27-Mar-23	27-Mar-23	27-Mar-23
Matrix:				water	water	water	water	water
Analytes	Units	RL	MAC(AO)					
Benzene	mg/L	0.0005	0.005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Bromodichloromethane	mg/L	0.0005	Note	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Bromoform	mg/L	0.0005	Note	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Carbon Tetrachloride	mg/L	0.0005	0.002	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Chloroform	mg/L	0.0005	Note	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Dibromochloromethane	mg/L	0.0005	Note	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,2-dichlorobenzene	mg/L	0.0005	0.20	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,4-dichlorobenzene	mg/L	0.0005	0.005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,2-dichloroethane	mg/L	0.0005	0.005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Dichloromethane	mg/L	0.0010	0.05	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Ethylbenzene	mg/L	0.0005	0.14	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Tetrachloroethylene	mg/L	0.0005	0.01	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Toluene	mg/L	0.0005	0.06	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Trichloroethylene	mg/L	0.0005	0.005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Vinyl Chloride	mg/L	0.0020	0.002	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Xylenes	mg/L	0.0005	0.09	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Total THM	mg/L	0.001	0.10	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dichloroethane-d4	%			103	102	103	104	105
Toluene-d8	%			101	98	99	99	99
4-Bromofluorobenzene	%			102	98	100	99	100

This report relates only to the sample(s) and information provided to the laboratory.

RL = Reporting Limit

Angela Colford
 Lab Supervisor
 Organic Analytical Services

Steven Davenport
 Senior Technician
 Organic Analytical Services

Report ID: 477652-OAS
Report Date: 30-Mar-23
Date Received: 27-Mar-23

CERTIFICATE OF ANALYSIS

for
ASD-W (HZ3)
Department of Education
250 King Street, Place 2000
Fredericton, NB E3B 9M9

rpc

921 College Hill Rd
Fredericton NB
Canada E3B 6Z9
Tel: 506.452.1212
Fax: 506.452.0594
www.rpc.ca

Method Summary

OAS-HC08: The Determination of Benzo (a) Pyrene and Pentachlorophenol in Water.
OAS-HC02: Determination of Volatile Organic Compounds in Water.

General Report Comments

MAC = maximum acceptable concentration; AO = aesthetic objective (CDWQG 2017)

Note = one of the trihalomethanes (THM); MAC for total THM is expressed as a locational running annual average of quarterly samples.

COMMENTS

Page 3 of 6

Report ID: 477652-OAS
Report Date: 30-Mar-23
Date Received: 27-Mar-23

CERTIFICATE OF ANALYSIS

for
ASD-W (HZ3)
Department of Education
250 King Street, Place 2000
Fredericton, NB E3B 9M9



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Canada E3B 6Z9
Tel: 506.452.1212
Fax: 506.452.0594
www.rpc.ca

Project #: Not Available

QA/QC Report

RPC Sample ID:			BLANKD6173	SPIKED6172
Matrix:			water	water
Analytes	Units	RL		% Recovery
Benzo(a)pyrene	mg/L	0.00001	< 0.00001	90%
Pentachlorophenol	mg/L	0.0002	< 0.0002	82%

RL = Reporting Limit

Report ID: 477652-OAS
 Report Date: 30-Mar-23
 Date Received: 27-Mar-23

CERTIFICATE OF ANALYSIS

for
 ASD-W (HZ3)
 Department of Education
 250 King Street, Place 2000
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 Fredericton NB
 Canada E3B 6Z9
 Tel: 506.452.1212
 Fax: 506.452.0594
 www.rpc.ca

Project #: Not Available

QA/QC Report

RPC Sample ID:			BLANKD6174	SPIKED6173
Matrix:			water	water
Analytes	Units	RL		% Recovery
Benzene	mg/L	0.0005	< 0.0005	119%
Bromodichloromethane	mg/L	0.0005	< 0.0005	118%
Bromoform	mg/L	0.0005	< 0.0005	104%
Carbon Tetrachloride	mg/L	0.0005	< 0.0005	117%
Chloroform	mg/L	0.0005	< 0.0005	119%
Dibromochloromethane	mg/L	0.0005	< 0.0005	105%
1,2-dichlorobenzene	mg/L	0.0005	< 0.0005	114%
1,4-dichlorobenzene	mg/L	0.0005	< 0.0005	112%
1,2-dichloroethane	mg/L	0.0005	< 0.0005	120%
Dichloromethane	mg/L	0.0010	< 0.0010	117%
Ethylbenzene	mg/L	0.0005	< 0.0005	108%
Tetrachloroethylene	mg/L	0.0005	< 0.0005	116%
Toluene	mg/L	0.0005	< 0.0005	114%
Trichloroethylene	mg/L	0.0005	< 0.0005	115%
Vinyl Chloride	mg/L	0.0020	< 0.0020	115%
Xylenes	mg/L	0.0005	< 0.0005	112%

RL = Reporting Limit

Report ID: 477652-OAS
Report Date: 30-Mar-23
Date Received: 27-Mar-23

CERTIFICATE OF ANALYSIS

for
ASD-W (HZ3)
Department of Education
250 King Street, Place 2000
Fredericton, NB E3B 9M9



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Canada E3B 6Z9
Tel: 506.452.1212
Fax: 506.452.0594
www.rpc.ca

Project #: Not Available

Summary of Date Analyzed

RPC Sample ID	SVOC		VOC	
	Extracted	Analyzed	Extracted	Analyzed
477652-1	28-Mar-23	28-Mar-23	28-Mar-23	28-Mar-23
477652-2	28-Mar-23	28-Mar-23	28-Mar-23	28-Mar-23
477652-3	28-Mar-23	28-Mar-23	28-Mar-23	28-Mar-23
477652-4	28-Mar-23	28-Mar-23	28-Mar-23	28-Mar-23
477652-5	28-Mar-23	28-Mar-23	28-Mar-23	28-Mar-23

CERTIFICATE OF ANALYSIS / CERTIFICAT D'ANALYSE

for/pour
ASD-W (HZ3)
Department of Education
250 King Street, Place 2000
Fredericton, NB E3B 9M9



921 College Hill Rd
Fredericton NB
Canada E3B 6Z9
Tel: 506.452.1368
Fax: 506.452.1395
www.rpc.ca

Attention: Francois Godin / Natasha Grant /
Distributions List ASD Contacts / Central Public Health

Microbiological Examination of Water/Qualité microbiologique de l'eau potable

RPC Sample ID/No. d'échantillon de RPC:		479730-1	479730-2		
Client Sample ID/ID d'échantillon du client:		23245 Harvey High School DWS 1st	23245 Harvey High School DWS 2nd		
Date collected/Date du prélèvement		18-Apr-23	18-Apr-23		
Time sampled/Heure du prélèvement		9:10:00 AM	9:40:00 AM		
Analytes/Paramètre(s)	Method/Méthode	Date Analyzed Date Analysé	Units Unités		
Coliforms/Coliformes	MICRO10	18-Apr-23	P-A/100mL	a	a
E. coli	MICRO10	18-Apr-23	P-A/100mL	a	a

This report relates only to the sample(s) and information provided to the laboratory.

Le présent rapport ne s'applique qu'aux échantillons et à l'information transmis au laboratoire.

a = absent/absentes

Cathy Hay
Microbiology Supervisor
Applied and Experimental Bioscience

Estela Terruel
Microbiology Technician
Applied and Experimental Bioscience

Report ID: 480428-ML-W1
 Report Date: 26-Apr-23
 Date Received: 25-Apr-23

CERTIFICATE OF ANALYSIS

for
 ASD-W (HZ3)
 Department of Education
 250 King Street, Place 2000
 Fredericton, NB E3B 9M9



921 College Hill Rd
 Fredericton NB
 Canada E3B 6Z9
 Tel: 506.452.1368
 Fax: 506.452.1395
 www.rpc.ca

Attention: Francois Godin / Natasha Grant /
 Distributions List ASD Contacts / Central Public Health

Microbiological Examination of Water

Analytes:				Coliforms/Coliformes	E. coli
Units:				P-A/100mL	P-A/100mL
Method ID:				MICRO10	MICRO10
Date Analyzed:				25-Apr-23	25-Apr-23
RPC Sample ID	Client Sample ID	Date Sampled	Time Sampled		
480428-1	23223 Harvey Elementary School DWS #2	25-Apr-23	6:59:00 AM	a	a
480428-2	23234 Keswick Ridge School Drinking Water	25-Apr-23	7:40:00 AM	a	a
480428-3	23245 Harvey High School Drinking Water S	25-Apr-23	6:45:00 AM	a	a
480428-4	22855 Keswick Valley	25-Apr-23	8:06:00 AM	a	a
480428-5	26539 Hanwell Park	25-Apr-23	9:01:00 AM	a	a

This report relates only to the sample(s) and information provided to the laboratory.

a = absent

Corrie Maston
 Acting Micro Supervisor
 Applied and Experimental Bioscience

MICRO WATER

Page 1 of 1

Gabrielle Gervais
 Microbiology Technician
 Applied and Experimental Bioscience

CERTIFICATE OF ANALYSIS / CERTIFICAT D'ANALYSE

for/pour
 ASD-W (HZ3)
 Department of Education
 250 King Street, Place 2000
 Fredericton, NB E3B 9M9



921 College Hill Rd
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 Canada E3B 6Z9
 Tel: 506.452.1368
 Fax: 506.452.1395
 www.rpc.ca

Attention: Francois Godin / Natasha Grant /
 Distributions List ASD Contacts / Central Public Health

Microbiological Examination of Water/Qualité microbiologique de l'eau potable

RPC Sample ID/No. d'échantillon de RPC:				483445-1	483445-2	483445-3	483445-4
Client Sample ID/ID d'échantillon du client:				23223 Harvey Elementary School DWS #2	23234 Keswick Ridge School DWS	23245 Harvey High School DWS	22855 Keswick Valley
Date collected/Date du prélèvement				23-May-23	23-May-23	23-May-23	23-May-23
Time sampled/Heure du prélèvement				7:34:00 AM	8:22:00 AM	7:24:00 AM	8:58:00 AM
Analytes/Paramètre(s)	Method/Méthode	Date Analyzed Date Analysé	Units Unités				
Coliforms/Coliformes	MICRO10	23-May-23	P-A/100mL	a	a	a	a
E. coli	MICRO10	23-May-23	P-A/100mL	a	a	a	a
Heterotrophic Plate Count	MICRO11	23-May-23	cfu/mL	11	30	21	1

This report relates only to the sample(s) and information provided to the laboratory.

Le présent rapport ne s'applique qu'aux échantillons et à l'information transmis au laboratoire.

a = absent/absentes

Cathy Hay
 Microbiology Supervisor
 Applied and Experimental Bioscience

Adrienne Fortin
 Microbiology Technician
 Applied and Experimental Bioscience

Report/Rapport: 483445-ML-W1
Date: 25-May-23
Date Received/Reçu: 23-May-23

CERTIFICATE OF ANALYSIS / CERTIFICAT D'ANALYSE

for/pour
ASD-W (HZ3)
Department of Education
250 King Street, Place 2000
Fredericton, NB E3B 9M9



921 College Hill Rd
Fredericton NB
Canada E3B 6Z9
Tel: 506.452.1368
Fax: 506.452.1395
www.rpc.ca

Attention: Francois Godin / Natasha Grant /
Distributions List ASD Contacts / Central Public Health

Microbiological Examination of Water/Qualité microbiologique de l'eau potable

RPC Sample ID/No. d'échantillon de RPC:				483445-5
Client Sample ID/ID d'échantillon du client:				26539 Hanwell Park
Date collected/Date du prélèvement Time sampled/Heure du prélèvement				23-May-23 10:14:00 AM
Analytes/Paramètre(s)	Method/Méthode	Date Analyzed Date Analysé	Units Unités	
Coliforms/Coliformes	MICRO10	23-May-23	P-A/100mL	a
E. coli	MICRO10	23-May-23	P-A/100mL	a
Heterotrophic Plate Count	MICRO11	23-May-23	cfu/mL	133



Operating Permit - Elevating Device
Permis d'exploitation - Appareil élévateur
Issued under the Elevators and Lifts Act
Délivré en vertu de la Loi sur les ascenseurs et les monte-charge

Technical Inspection Services
Services d'inspection technique
Department of Public Safety
Ministère de la Sécurité publique

Permit No./No de Permis: 1160-025

ANGLOPHONE WEST SCHOOL DISTRICT

Expiry Date:
Date d'échéance: 2023/05/27

Mailing Address:
Adresse d'envoi: 1135 PROSPECT ST
FREDERICTON NB
E3B 3B9

Device No:
N° d'appareil: 1160

Operating Address:
Adresse d'appareil: HARVEY HIGH SCHOOL
2055 ROUTE 3 HWY
HARVEY NB E6K 1L1

Site No:
N° du site: 1547-01

Type of Device:
Type d'appareil: PASSENGER ELEVATOR
ASCENSEUR

Capacity:
Capacité: 2500 or 16 Persons
ou Personnes

Description:
Description:

Chief Elevator Inspector/Inspecteur en chef des élévateurs

Report ID: 487358-ML-W1
 Report Date: 23-Jun-23
 Date Received: 22-Jun-23

CERTIFICATE OF ANALYSIS

for
 ASD-W (HZ3)
 Department of Education
 250 King Street, Place 2000
 Fredericton, NB E3B 9M9



921 College Hill Rd
 Fredericton NB
 Canada E3B 6Z9
 Tel: 506.452.1368
 Fax: 506.452.1395
 www.rpc.ca

Attention: Francois Godin / Natasha Grant /
 Distributions List ASD Contacts / Central Public Health

Microbiological Examination of Water

Analytes:				Coliforms/Coliformes	E. coli
Units:				P-A/100mL	P-A/100mL
Method ID:				MICRO10	MICRO10
Date Analyzed:				22-Jun-23	22-Jun-23
RPC Sample ID	Client Sample ID	Date Sampled	Time Sampled		
487358-1	23223 Harvey Elementary School DWS #2	22-Jun-23	6:51:00 AM	a	a
487358-2	23234 Keswick Ridge School DWS	22-Jun-23	7:27:00 AM	p	a
487358-3	23245 Harvey High School DWS	22-Jun-23	6:39:00 AM	a	a
487358-4	22855 Keswick Valley	22-Jun-23	7:52:00 AM	a	a
487358-5	26539 Hanwell Park	22-Jun-23	8:55:00 AM	a	a

This report relates only to the sample(s) and information provided to the laboratory.

p = present; a = absent

Cathy Hay
 Microbiology Supervisor
 Applied and Experimental Bioscience

MICRO WATER

Page 1 of 1

Estela Terruel
 Microbiology Technician
 Applied and Experimental Bioscience

Preventive Maintenance of Elevators in N.B. School
 Bi-Monthly / Semi-Annual / Annual Report

Permit Date: 10/21/05/27
 Date: June 27th 2025

Unit Number: 1102
 Unit Manufacturer: Montgomery
 Unit Type: Hudson City Passenger
 Date Testing completed: 6/27/2025

Bi-Monthly Report	Complete	N/A	Semi Annual Report	Complete	N/A
Check in at School Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vacuum controllers, Check relays, contacts & selectors.	<input type="checkbox"/>	<input type="checkbox"/>
Ride unit, check speed and leveling. Adjust if needed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check for proper Fuse Sizing, check main power connections	<input type="checkbox"/>	<input type="checkbox"/>
Verify all safety circuits & scheduling devices	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check & adjust voltage of rectifier and record	<input type="checkbox"/>	<input type="checkbox"/>
Lubricate, clean & adjust all components	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check fastings. Operating rollers, cars of H-way limits & safety switches	<input type="checkbox"/>	<input type="checkbox"/>
Check all lamps & signals. Replace bulbs as required.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check selector tape, wire ropes & cables	<input type="checkbox"/>	<input type="checkbox"/>
Check fan and car interior	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Inspect, adjust & Lubricate: door closers arms & reel and air cords	<input type="checkbox"/>	<input type="checkbox"/>
Confirm phone & emergency communication	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Adjust lower guides on car & doors.	<input type="checkbox"/>	<input type="checkbox"/>
Adjust & lubricate door operation, speed, hangers & track	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check car counterweight run-up	<input type="checkbox"/>	<input type="checkbox"/>
Check door protection, hanger rollers and relating cable tension	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check, clean & lubricate, governor, idler & tape sheaves	<input type="checkbox"/>	<input type="checkbox"/>
Verify door Gibbs and retainers, visual panels.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Inspect brakes, clean linings & pulleys, Lubricate pins, hangers & rails	<input type="checkbox"/>	<input type="checkbox"/>
Check and adjust hydraulic packing, valves, couplings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Demonstrates emergency lowering operation	<input type="checkbox"/>	<input type="checkbox"/>
Check hydraulic levels and top up. Report any loss to Supervisor immediately	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Discuss any notes with Facility Manager / representative	<input type="checkbox"/>	<input type="checkbox"/>
Clean pit and check pit can	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Annual Report	Complete	N/A
Check motor, MG Brushes, oil level. Top up if needed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Change oil In Generator, motors and geared equipment	<input type="checkbox"/>	<input type="checkbox"/>
Inspect and Adjust loose guides on car	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check Sheaves & rope for wear Travelling cable & hangers	<input type="checkbox"/>	<input type="checkbox"/>
Verify Hoist way lockouts and access switch. (interlocks)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Clean generators & motors; Check wire connections	<input type="checkbox"/>	<input type="checkbox"/>
Clean Machine Rm. & Machine Rm Equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Check under car & counterweight safety devices	<input type="checkbox"/>	<input type="checkbox"/>
Clean top of car and equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Clean switches, check for wear breakage & Corrosion	<input type="checkbox"/>	<input type="checkbox"/>
Read and Fill out log book	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Complete hydrostatic test for In-ground and above-ground units	<input type="checkbox"/>	<input type="checkbox"/>
Note any adjustments, deficiencies and suggested repairs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Discuss any notes with Facility Manager / Representative	<input type="checkbox"/>	<input type="checkbox"/>
Discuss any notes with Facility Manager/representative	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Brenda Stenberg
 School Signature

[Signature]
 Mechanic Signature

Important Notes:

- All the items in the checklist should be checked with your initials and not only signed at the end.
- Refer to specification for complete list of work to be performed

Comments:

Semi Annual Reference Guide:

- Jan-Jul
- Feb-Aug
- Mar-Sep
- Apr-Oct
- May-Nov
- Jun-Dec

Report ID: 491428-ML-W1
 Report Date: 25-Jul-23
 Date Received: 24-Jul-23

CERTIFICATE OF ANALYSIS

for
 ASD-W (HZ3)
 Department of Education
 250 King Street, Place 2000
 Fredericton, NB E3B 9M9



921 College Hill Rd
 Fredericton NB
 Canada E3B 6Z9
 Tel: 506.452.1368
 Fax: 506.452.1395
 www.rpc.ca

Attention: Francois Godin / Natasha Grant /
 Distributions List ASD Contacts / Central Public Health

Microbiological Examination of Water

Analytes:				Coliforms/Coliformes	E. coli
Units:				P-A/100mL	P-A/100mL
Method ID:				MICRO10	MICRO10
Date Analyzed:				24-Jul-23	24-Jul-23
RPC Sample ID	Client Sample ID	Date Sampled	Time Sampled		
491428-1	23223 Harvey Elementary School DWS #2	24-Jul-23	6:53:00 AM	a	a
491428-2	23234 Keswick Ridge School DWS	24-Jul-23	7:24:00 AM	a	a
491428-3	23245 Harvey High School DWS	24-Jul-23	6:21:00 AM	a	a
491428-4	22855 Keswick Valley	24-Jul-23	7:59:00 AM	a	a
491428-5	26539 Hanwell Park	24-Jul-23	8:47:00 AM	a	a

This report relates only to the sample(s) and information provided to the laboratory.

a = absent

Corrie Maston
 Acting Micro Supervisor
 Applied and Experimental Bioscience

Morgan Armour
 Microbiology Technician
 Applied and Experimental Bioscience

Report ID: 502946-ML-W1
Report Date: 24-Oct-23
Date Received: 23-Oct-23

CERTIFICATE OF ANALYSIS

for
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Department of Education
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www.rpc.ca

Attention: Francois Godin / Natasha Grant /
Distributions List ASD Contacts / Central Public Health

Microbiological Examination of Water

Analytes:				Coliforms/Coliformes	E. coli
Units:				P-A/100mL	P-A/100mL
Method ID:				MICRO10	MICRO10
Date Analyzed:				23-Oct-23	23-Oct-23
RPC Sample ID	Client Sample ID	Date Sampled	Time Sampled		
502946-1	23223 Harvey Elementary School DWS #2	23-Oct-23	6:54:00 AM	a	a
502946-2	23234 Keswick Ridge School DWS	23-Oct-23	7:39:00 AM	a	a
502946-3	23245 Harvey High School DWS	23-Oct-23	6:38:00 AM	a	a
502946-4	22855 Keswick Valley	23-Oct-23	8:19:00 AM	a	a
502946-5	26539 Hanwell Park	23-Oct-23	9:13:00 AM	a	a

This report relates only to the sample(s) and information provided to the laboratory.

a = absent



Cathy Hay
Microbiology Supervisor
Applied and Experimental Bioscience

MICRO WATER
Page 1 of 1



Lindsey Boone
Microbiology Technician
Applied and Experimental Bioscience

CERTIFICATE OF ANALYSIS / CERTIFICAT D'ANALYSE

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 www.rpc.ca

Attention: Francois Godin / Natasha Grant /
 Distributions List ASD Contacts / Central Public Health

Microbiological Examination of Water/Qualité microbiologique de l'eau potable

RPC Sample ID/No. d'échantillon de RPC:				499640-1	499640-2	499640-3	499640-4
Client Sample ID/ID d'échantillon du client:				23223 Harvey Elementary School DWS #2	23234 Keswick Ridge School DWS	23245 Harvey High School DWS	22855 Keswick Valley
Date collected/Date du prélèvement				25-Sep-23	25-Sep-23	25-Sep-23	25-Sep-23
Time sampled/Heure du prélèvement				7:08:00 AM	7:52:00 AM	6:52:00 AM	8:21:00 AM
Analytes/Paramètre(s)	Method/Méthode	Date Analyzed Date Analysé	Units Unités				
Heterotrophic Plate Count	MICRO58	25-Sep-23	MPN/mL	<2	<2	6	19
Coliforms/Coliformes	MICRO10	25-Sep-23	P-A/100mL	a	a	a	a
E. coli	MICRO10	25-Sep-23	P-A/100mL	a	a	a	a

This report relates only to the sample(s) and information provided to the laboratory.

Le présent rapport ne s'applique qu'aux échantillons et à l'information transmis au laboratoire.

a = absent/absentes

Cathy Hay
 Microbiology Supervisor
 Applied and Experimental Bioscience

Lindsey Boone
 Microbiology Technician
 Applied and Experimental Bioscience

CERTIFICATE OF ANALYSIS / CERTIFICAT D'ANALYSE

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www.rpc.ca

Attention: Francois Godin / Natasha Grant /
Distributions List ASD Contacts / Central Public Health

Microbiological Examination of Water/Qualité microbiologique de l'eau potable

RPC Sample ID/No. d'échantillon de RPC:				499640-5
Client Sample ID/ID d'échantillon du client:				26539 Hanwell Park
Date collected/Date du prélèvement				25-Sep-23
Time sampled/Heure du prélèvement				9:27:00 AM
Analytes/Paramètre(s)	Method/Méthode	Date Analyzed Date Analysé	Units Unités	
Heterotrophic Plate Count	MICRO58	25-Sep-23	MPN/mL	30
Coliforms/Coliformes	MICRO10	25-Sep-23	P-A/100mL	a
E. coli	MICRO10	25-Sep-23	P-A/100mL	a

Report ID: 499640-OAS
 Report Date: 29-Sep-23
 Date Received: 25-Sep-23

CERTIFICATE OF ANALYSIS

for
 ASD-W (HZ3)
 Department of Education
 250 King Street, Place 2000
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 Tel: 506.452.1212
 Fax: 506.452.0594
 www.rpc.ca

Attention: Francois Godin
Project #: Not Available

Semi-Volatile Organic Compounds in Water

RPC Sample ID:				499640-1	499640-2	499640-3	499640-4	499640-5
Client Sample ID:				23223 Harvey Elementary School DWS #2	23234 Keswick Ridge School DWS	23245 Harvey High School DWS	22855 Keswick Valley	26539 Hanwell Park
Date Sampled:				25-Sep-23	25-Sep-23	25-Sep-23	25-Sep-23	25-Sep-23
Matrix:				water	water	water	water	water
Analytes	Units	RL	MAC(AO)					
Benzo(a)pyrene	mg/L	0.00001	0.00004	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Pentachlorophenol	mg/L	0.0002	0.06	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
P_terphenyl_d14	%			98	95	95	97	94
2,4,6-tribromophenol	%			90	88	90	87	87

This report relates only to the sample(s) and information provided to the laboratory.
 RL = Reporting Limit

Bruce Phillips
 Department Head
 Organic Analytical Services

SVOC IN WATER - CWA

Angela Colford
 Lab Supervisor
 Organic Analytical Services

Report ID: 499640-OAS
 Report Date: 29-Sep-23
 Date Received: 25-Sep-23

CERTIFICATE OF ANALYSIS

for
 ASD-W (HZ3)
 Department of Education
 250 King Street, Place 2000
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 Tel: 506.452.1212
 Fax: 506.452.0594
 www.rpc.ca

Attention: Francois Godin
Project #: Not Available

Volatile Organic Compounds in Water

RPC Sample ID:			499640-1	499640-2	499640-3	499640-3 Dup	499640-4
Client Sample ID:			23223 Harvey Elementary School DWS #2	23234 Keswick Ridge School DWS	23245 Harvey High School DWS	23245 Harvey High School DWS	22855 Keswick Valley
Date Sampled:			25-Sep-23	25-Sep-23	25-Sep-23	25-Sep-23	25-Sep-23
Matrix:			water	water	water	water	water
Analytes	Units	RL	MAC(AO)				
Benzene	mg/L	0.0005	0.005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Bromodichloromethane	mg/L	0.0005	Note	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Bromoform	mg/L	0.0005	Note	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Carbon Tetrachloride	mg/L	0.0005	0.002	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Chloroform	mg/L	0.0005	Note	< 0.0005	< 0.0005	0.0015	0.0017
Dibromochloromethane	mg/L	0.0005	Note	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,2-dichlorobenzene	mg/L	0.0005	0.20	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,4-dichlorobenzene	mg/L	0.0005	0.005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,2-dichloroethane	mg/L	0.0005	0.005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Dichloromethane	mg/L	0.0010	0.05	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Ethylbenzene	mg/L	0.0005	0.14	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Tetrachloroethylene	mg/L	0.0005	0.01	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Toluene	mg/L	0.0005	0.06	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Trichloroethylene	mg/L	0.0005	0.005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Vinyl Chloride	mg/L	0.0020	0.002	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Xylenes	mg/L	0.0005	0.09	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Total THM	mg/L	0.001	0.10	< 0.001	< 0.001	0.002	0.002
1,2-Dichloroethane-d4	%			101	103	101	100
Toluene-d8	%			98	97	99	97
4-Bromofluorobenzene	%			115	111	116	116

This report relates only to the sample(s) and information provided to the laboratory.

RL = Reporting Limit

Bruce Phillips
 Department Head
 Organic Analytical Services

Angela Colford
 Lab Supervisor
 Organic Analytical Services

Report ID: 499640-OAS
 Report Date: 29-Sep-23
 Date Received: 25-Sep-23

CERTIFICATE OF ANALYSIS

for
 ASD-W (HZ3)
 Department of Education
 250 King Street, Place 2000
 Fredericton, NB E3B 9M9



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 Fredericton NB
 Canada E3B 6Z9
 Tel: 506.452.1212
 Fax: 506.452.0594
 www.rpc.ca

Attention: Francois Godin
Project #: Not Available

Volatile Organic Compounds in Water

RPC Sample ID:				499640-5
Client Sample ID:				26539 Hanwell Park
Date Sampled:				25-Sep-23
Matrix:				water
Analytes	Units	RL	MAC(AO)	
Benzene	mg/L	0.0005	0.005	< 0.0005
Bromodichloromethane	mg/L	0.0005	Note	< 0.0005
Bromoform	mg/L	0.0005	Note	< 0.0005
Carbon Tetrachloride	mg/L	0.0005	0.002	< 0.0005
Chloroform	mg/L	0.0005	Note	< 0.0005
Dibromochloromethane	mg/L	0.0005	Note	< 0.0005
1,2-dichlorobenzene	mg/L	0.0005	0.20	< 0.0005
1,4-dichlorobenzene	mg/L	0.0005	0.005	< 0.0005
1,2-dichloroethane	mg/L	0.0005	0.005	< 0.0005
Dichloromethane	mg/L	0.0010	0.05	< 0.0010
Ethylbenzene	mg/L	0.0005	0.14	< 0.0005
Tetrachloroethylene	mg/L	0.0005	0.01	< 0.0005
Toluene	mg/L	0.0005	0.06	< 0.0005
Trichloroethylene	mg/L	0.0005	0.005	< 0.0005
Vinyl Chloride	mg/L	0.0020	0.002	< 0.0020
Xylenes	mg/L	0.0005	0.09	< 0.0005
Total THM	mg/L	0.001	0.10	< 0.001
1,2-Dichloroethane-d4	%			102
Toluene-d8	%			98
4-Bromofluorobenzene	%			115

Report ID: 499640-OAS
Report Date: 29-Sep-23
Date Received: 25-Sep-23

CERTIFICATE OF ANALYSIS

for
ASD-W (HZ3)
Department of Education
250 King Street, Place 2000
Fredericton, NB E3B 9M9

rpc

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Fredericton NB
Canada E3B 6Z9
Tel: 506.452.1212
Fax: 506.452.0594
www.rpc.ca

Method Summary

OAS-HC08: The Determination of Benzo (a) Pyrene and Pentachlorophenol in Water.
OAS-HC02: Determination of Volatile Organic Compounds in Water.

General Report Comments

MAC = maximum acceptable concentration; AO = aesthetic objective (CDWQG 2017)

Note = one of the trihalomethanes (THM); MAC for total THM is expressed as a locational running annual average of quarterly samples.

COMMENTS

Page 4 of 7

Report ID: 499640-OAS
Report Date: 29-Sep-23
Date Received: 25-Sep-23

CERTIFICATE OF ANALYSIS

for
ASD-W (HZ3)
Department of Education
250 King Street, Place 2000
Fredericton, NB E3B 9M9



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Fredericton NB
Canada E3B 6Z9
Tel: 506.452.1212
Fax: 506.452.0594
www.rpc.ca

Project #: Not Available

QA/QC Report

RPC Sample ID:			BLANKD7752	SPIKED7752
Matrix:			water	water
Analytes	Units	RL		% Recovery
Benzo(a)pyrene	mg/L	0.00001	< 0.00001	105%
Pentachlorophenol	mg/L	0.0002	< 0.0002	87%

RL = Reporting Limit

Report ID: 499640-OAS
 Report Date: 29-Sep-23
 Date Received: 25-Sep-23

CERTIFICATE OF ANALYSIS

for
 ASD-W (HZ3)
 Department of Education
 250 King Street, Place 2000
 Fredericton, NB E3B 9M9



921 College Hill Rd
 Fredericton NB
 Canada E3B 6Z9
 Tel: 506.452.1212
 Fax: 506.452.0594
 www.rpc.ca

Project #: Not Available

QA/QC Report

RPC Sample ID:			BLANKD7723	SPIKED7723
Matrix:			water	water
Analytes	Units	RL		% Recovery
Benzene	mg/L	0.0005	< 0.0005	108%
Bromodichloromethane	mg/L	0.0005	< 0.0005	97%
Bromoform	mg/L	0.0005	< 0.0005	86%
Carbon Tetrachloride	mg/L	0.0005	< 0.0005	95%
Chloroform	mg/L	0.0005	< 0.0005	103%
Dibromochloromethane	mg/L	0.0005	< 0.0005	89%
1,2-dichlorobenzene	mg/L	0.0005	< 0.0005	100%
1,4-dichlorobenzene	mg/L	0.0005	< 0.0005	102%
1,2-dichloroethane	mg/L	0.0005	< 0.0005	107%
Dichloromethane	mg/L	0.0010	< 0.0010	101%
Ethylbenzene	mg/L	0.0005	< 0.0005	107%
Tetrachloroethylene	mg/L	0.0005	< 0.0005	99%
Toluene	mg/L	0.0005	< 0.0005	106%
Trichloroethylene	mg/L	0.0005	< 0.0005	97%
Vinyl Chloride	mg/L	0.0020	< 0.0020	98%
Xylenes	mg/L	0.0005	< 0.0005	104%

RL = Reporting Limit

Report ID: 499640-OAS
Report Date: 29-Sep-23
Date Received: 25-Sep-23

CERTIFICATE OF ANALYSIS

for
ASD-W (HZ3)
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Project #: Not Available

Summary of Date Analyzed

RPC Sample ID	SVOC		VOC	
	Extracted	Analyzed	Extracted	Analyzed
499640-1	28-Sep-23	29-Sep-23	25-Sep-23	25-Sep-23
499640-2	28-Sep-23	29-Sep-23	25-Sep-23	25-Sep-23
499640-3	28-Sep-23	29-Sep-23	25-Sep-23	25-Sep-23
499640-3 Dup	-	-	26-Sep-23	26-Sep-23
499640-4	28-Sep-23	29-Sep-23	25-Sep-23	25-Sep-23
499640-5	28-Sep-23	29-Sep-23	25-Sep-23	25-Sep-23

Report ID: 502946-ML-W1
 Report Date: 24-Oct-23
 Date Received: 23-Oct-23

CERTIFICATE OF ANALYSIS

for
 ASD-W (HZ3)
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 250 King Street, Place 2000
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Attention: Francois Godin / Natasha Grant /
 Distributions List ASD Contacts / Central Public Health

Microbiological Examination of Water

Analytes:				Coliforms/Coliformes	E. coli
Units:				P-A/100mL	P-A/100mL
Method ID:				MICRO10	MICRO10
Date Analyzed:				23-Oct-23	23-Oct-23
RPC Sample ID	Client Sample ID	Date Sampled	Time Sampled		
502946-1	23223 Harvey Elementary School DWS #2	23-Oct-23	6:54:00 AM	a	a
502946-2	23234 Keswick Ridge School DWS	23-Oct-23	7:39:00 AM	a	a
502946-3	23245 Harvey High School DWS	23-Oct-23	6:38:00 AM	a	a
502946-4	22855 Keswick Valley	23-Oct-23	8:19:00 AM	a	a
502946-5	26539 Hanwell Park	23-Oct-23	9:13:00 AM	a	a

This report relates only to the sample(s) and information provided to the laboratory.

a = absent

Cathy Hay
 Microbiology Supervisor
 Applied and Experimental Bioscience

MICRO WATER

Page 1 of 1

Lindsey Boone
 Microbiology Technician
 Applied and Experimental Bioscience

CERTIFICATE OF ANALYSIS / CERTIFICAT D'ANALYSE

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 Tel: 506.452.1368
 Fax: 506.452.1395
 www.rpc.ca

Attention: Francois Godin / Contacts Education /
 Distributions List ASD Contacts / Central Public Health

Microbiological Examination of Water/Qualité microbiologique de l'eau potable

RPC Sample ID/No. d'échantillon de RPC:				506527-1	506527-2	506527-3	506527-4
Client Sample ID/ID d'échantillon du client:				23223 Harvey Elementary School DWS #2	23234 Keswick Ridge School Drinking Water Sys.	23245 Harvey High School Drinking Water Sys.	22855 Keswick Valley
Date collected/Date du prélèvement				27-Nov-23	27-Nov-23	27-Nov-23	27-Nov-23
Time sampled/Heure du prélèvement				6:53:00 AM	7:33:00 AM	6:40:00 AM	8:03:00 AM
Analytes/Paramètre(s)	Method/Méthode	Date Analyzed Date Analysé	Units Unités				
Heterotrophic Plate Count	MICRO58	27-Nov-23	MPN/mL	<2	43	2	53
Coliforms/Coliformes	MICRO10	27-Nov-23	P-A/100mL	a	a	a	a
E. coli	MICRO10	27-Nov-23	P-A/100mL	a	a	a	a

This report relates only to the sample(s) and information provided to the laboratory.

Le présent rapport ne s'applique qu'aux échantillons et à l'information transmis au laboratoire.

a = absent/absentes

Cathy Hay
 Microbiology Supervisor
 Applied and Experimental Bioscience

Victoria Pena

Applied and Experimental Bioscience

CERTIFICATE OF ANALYSIS / CERTIFICAT D'ANALYSE

for/pour
ASD-W (HZ3)
Department of Education
250 King Street, Place 2000
Fredericton, NB E3B 9M9



921 College Hill Rd
Fredericton NB
Canada E3B 6Z9
Tel: 506.452.1368
Fax: 506.452.1395
www.rpc.ca

Attention: Francois Godin / Contacts Education /
Distributions List ASD Contacts / Central Public Health

Microbiological Examination of Water/Qualité microbiologique de l'eau potable

RPC Sample ID/No. d'échantillon de RPC:				506527-5
Client Sample ID/ID d'échantillon du client:				26539 Hanwell Park
Date collected/Date du prélèvement				27-Nov-23
Time sampled/Heure du prélèvement				9:00:00 AM
Analytes/Paramètre(s)	Method/Méthode	Date Analyzed Date Analysé	Units Unités	
Heterotrophic Plate Count	MICRO58	27-Nov-23	MPN/mL	33
Coliforms/Coliformes	MICRO10	27-Nov-23	P-A/100mL	a
E. coli	MICRO10	27-Nov-23	P-A/100mL	a

Report ID: 509178-ML-W1
 Report Date: 28-Dec-23
 Date Received: 27-Dec-23

CERTIFICATE OF ANALYSIS

for
 ASD-W (HZ3)
 Department of Education
 250 King Street, Place 2000
 Fredericton, NB E3B 9M9



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 Fredericton NB
 Canada E3B 6Z9
 Tel: 506.452.1368
 Fax: 506.452.1395
 www.rpc.ca

Attention: Francois Godin / Contacts Education /
 Distributions List ASD Contacts / Central Public Health

Microbiological Examination of Water

Analytes:				Coliforms/Coliformes	E. coli
Units:				P-A/100mL	P-A/100mL
Method ID:				MICRO10	MICRO10
Date Analyzed:				27-Dec-23	27-Dec-23
RPC Sample ID	Client Sample ID	Date Sampled	Time Sampled		
509178-1	23223 Harvey Elementary School DWS #2	27-Dec-23	8:15:00 AM	a	a
509178-2	23234 Keswick Ridge School DWS	27-Dec-23	8:52:00 AM	a	a
509178-3	23245 Harvey High School DWS	27-Dec-23	7:47:00 AM	a	a
509178-4	22855 Keswick Valley	27-Dec-23	9:15:00 AM	a	a
509178-5	26539 Hanwell Park	27-Dec-23	10:06:00 AM	a	a

This report relates only to the sample(s) and information provided to the laboratory.

a = absent

Corrie Maston
 Acting Micro Supervisor
 Applied and Experimental Bioscience

MICRO WATER

Page 1 of 1

Morgan Armour
 Microbiology Technician
 Applied and Experimental Bioscience

Department of Health
Pursuant to the *Public Health Act*



Ministère de la Santé
Conformément à la *Loi sur la santé publique*

Licence

CT - 900179

Licence

Name of Owner /
Nom du propriétaire

Education and Early Childhood Development

is authorized to operate a / est autorisé à exploiter un
Water Circulation System / Système de circulation d'eau

Harvey High School Heat Pump System

Location /
Lieu

2055 NB-3, Harvey, NB E6K 1L1, Canada

Expiry Date /
Date d'expiration

March 31, 2024

A handwritten signature in blue ink, appearing to read "Greg Lemay".

Director / Directeur

**This licence may be revoked at any time
for non-compliance with the regulations.**

**Cette licence peut être révoquée en cas de
non-respect du règlement.**



Fire Inspection Report
Rapport d'inspection d'incendie

Office of the Fire Marshal
Bureau du prévôt des incendies
Justice and Public Safety
Justice et sécurité publique

Fire Prevention Act
Loi sur la prévention des incendies

Inspection No.: 5798809

N° d'inspection:

Type: Fire Periodic Inspection

Sécurité-incendie - inspection périodique

Completed Date: 2023/12/11

Date complet:

Date Scheduled: 2024/12/04

Date fixée:

Site Id: 1547-01 PID#: 75094615 Owner/Tenant: DTI - Natural Resources & Energy Client No: 40162
Site: Site: Propriétaire/Locataire: Energy N° de client:
Location: 2055 Route 3 Hwy Mailing Address: P O Box 6000
Emplacement: Harvey NB E6K 1L1 Adresse d'envoi: Fredericton NB E3B 5H1
Building: Harvey High School
Bâtiment:
Bldg Equiv: [] Tel/Télé: (506) 453-2239
Usage: School, middle & high Contact:
Utilisation: École intermédiaire et secondaire Personne-ressource:
Occupancy: N/A / S/O Tel/Télé:
Occupation:

Installation No.: 138882 Occupant Load: 800.00
N° d'installation: Nombre de personnes:
Roof Construction: Combustible Wall Construction: Combustible Year Constructed: 1980
Constr. du toit: Combustible Constr. du mur: Combustible Année de construction:
No Storeys: 2 Length (m): N/A Width (m): N/A
N° d'étages: 2 Longueur (m): S/O Largeur (m): S/O
Ground Floor(m2): 1859 Fire Department: Harvey Station
Surface de rez-de-chaussée(m2): Service d'incendie: Harvey Station
Basement: Yes/Oui No Streets Faced: 2 Standpipe: No/Non
Sous-sol: No/Non N° de rues a fait face: Conduite d'incendie: No/Non
Fire Walls: No/Non Sprinkler System: Yes/Oui Hazardous Mat.: No/Non
Coupe-feu: Extincteurs automatiques: Mat. dang.:
Fire Alarm(Y/N): Yes/Oui Connected to Monitoring Station: Yes/Oui
Réseau avert: Branché à la station de contré:

Table with 4 columns: Details, Status, Details, Status. Rows include items like Auto hold open devices, Electrical service room, Exit signs & lights, Fire alarm test log, Fire separations, Occupant load, Siamese connection, Civic address, Emergency lighting, Extension cord use, Fire closures, Fixed cooking systems, Portable fire extinguishers, Smoke detectors, Commercial cooking equipment, Exit doors, Fire alarm system, Fire safety drill, Heating service room, Safety plans, Sprinkler maintenance.

VIOLATIONS/ORDERS/COMMENTS - INFRACTIONS/ORDERS/COMMENTAIRES

COMPLIANCE DATE:
DATE DE CONFORMITÉ:

Received By/Reçu par: Position/Poste:

Orders Issued/Ordres émis: Signature:

Inspected By/Inspecté par: Clifford, Paul (506)461-3510

Date: 2023/12/11

Persons failing to comply with the New Brunswick Fire Prevention Act F-13 and Regulations are liable to the penalties and/or conditions defined in the aforementioned Act.
Quiconque contrevient à Loi sur la prévention des incendies du Nouveau-Brunswick, c.F-13, et se règlements d'application et passible d'une peine et/ou assujetti aux conditions éconccées dans ladite Loi.

Report of Inspection / Test

Frequency: Annual ITM

2023-08-16

Property

HARVEY HIGH SCHOOL - D18

2055 ROUTE 3

Harvey Station NB E6K 2P4

WO Ref #: 587050

Conducted by: Roy Barton
NB Sprinkler System Installer 10072972

Troy Life & Fire Safety Ltd
175 Henri Dunant Street
Moncton New Brunswick E1E 1E4
1-877-441-8769



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Report of Inspection / Test General Questions

OWNER SECTION

Is the building occupied?	Yes	Has the occupancy classification, hazard of contents, and/or storage method remained the same since the last inspection?	Yes
Are all fire protection systems in service?	Yes	Has the system remained in service without modification since the last inspection?	Yes
Was the system free of actuations of devices or alarms since the last inspection?	Yes	Name of owner representative who provided the information?	Matt / Troy LFS Inspector
Does the property owner maintain records per NFPA 25 4.3.3?	Yes	Is the building/owner able to supply as-built drawings for the system(s)?	Yes

FIRE DEPARTMENT CONNECTION

Are the FDC caps and plugs in place and undamaged?	Yes	Is the FDC check valve free of leaks?	Yes
Has the interior of the FDC been inspected for obstructions?	Yes	Is the visible piping supplying the FDC undamaged?	Yes
If locking caps/plugs are in place, has an internal inspections been conducted?	Yes	Are the fire department connections visible and accessible?	Yes
Are gaskets in place and in good condition?	Yes	Is the fire department connection clapper(s) in place and operating properly?	Yes
Are identification signs in place?	Yes	Is the automatic drain valve in place and operating properly?	Yes

SPRINKLER HEADS

Were all areas accessible for visual sprinkler inspection?	Yes	Are visible sprinklers in the proper position: upright, pendent, sidewall?	Yes
Are visible sprinklers free of corrosion and physical damage?	Yes	Is there proper clearance below the sprinklers?	Yes
Are visible sprinklers free of foreign materials including foreign paint?	Yes	Is there liquid in all visible glass bulb sprinklers?	Yes
Are all the sprinklers dated 1920 or later?	Yes	Have fast-response sprinklers 20 or more years old been replaced or successfully sample tested within last 10 years?	N/A
Have standard response sprinklers 50 or more years old been replaced or successfully sample tested within last 10 years?	N/A	In the last 10 years, have dry-type sprinklers been replaced or successfully sample tested?	N/A
Have standard response sprinklers 75 or more years old been replaced or successfully sample tested within last 5 years?	N/A	In the last 5 years, have sprinklers subject to harsh environments been replaced or successfully sample tested?	N/A
If any sprinklers failed a multiyear representative sample test, were all sprinklers within the area represented by that sample replaced?	N/A	In last 5 years, have solder-type sprinkler with temperature classification of extra high [325deg F (163 deg C)] or greater been tested?	N/A

Report of Inspection / Test

Frequency: Annual ITM

2023-08-16

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Are there the correct number and type of spare sprinklers as required?	Yes	Is there a list of spare sprinklers?	Yes
Is there a sprinkler wrench for each type of sprinkler?	Yes	Do all installed recessed, flush, and concealed sprinklers appear to have their listed escutcheon or coverplate installed?	Yes
PIPES			
Are the visible pipe and fittings in good condition with no external corrosion?	Yes	Do visible pipe and fittings have no mechanical damage or leaks?	Yes
Does visible pipe have no external loads?	Yes	Are visible pipe hangers and seismic braces not damaged or loose?	Yes
If system pipe flushing was identified (as required during previous 5 year internal) was it completed?	N/A	In the last 5 years, has an internal pipe inspection been performed?	Yes
Did dry pipe system piping protecting or passing through refrigerated spaces pass internal inspection for ice obstruction?	N/A	If yes, was additional pipe examined to ensure that no additional ice obstructions or ice blockages exist on dry system?	N/A
Have dry systems passed air leakage test within the last 3 years?	Yes		
CONTROL VALVE AREA			
Are the control valves in correct (open or closed) position?	Yes	Are the control valves locked or is supervision in place?	Yes
Are the control valves accessible?	Yes	Are the control valves free from leaks?	Yes
Are appropriate wrenches available for the control valves?	Yes	Are the control valves properly identified?	Yes
VALVE AREA			
All control valves operated through full range and returned to normal position?	Yes	Are the gauges in good condition and showing normal air and water pressure?	Yes
Are all check valves externally inspected, operating properly, and are in good condition?	Yes	Are the gauges on system operable and in good working condition?	Yes
Are Pressure reducing valves (sprinkler system) in open position and not leaking?	N/A	Are Pressure reducing valves (sprinkler system) with downstream pressure per the design?	N/A
Are Pressure reducing valves in good condition including no handwheels broken?	N/A	Do valve supervisory switches indicate movement?	Yes
The electrical waterflow alarm devices passed test by opening inspector's test connection/bypass connection with alarms actuating and flow observed?	Yes	Have post indicating valves been opened until spring or torsion felt in the rod and then closed back 1/4 turn?	N/A
In last 5 years, have pressure reducing valves passed partial flow test?	N/A	In last 5 years, have alarm valves and associated strainers, filters, and restricted orifices passed an internal inspection?	N/A
In last 5 years, have strainers, filters, restricted orifices and diaphragm chambers on valves and trim passed internal inspection?	N/A	In last 5 years, have gauges been checked by a calibrated gauge or replaced?	No

Report of Inspection / Test

Frequency: Annual ITM

2023-08-16

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Have pressure reducing valves passed full flow test?	N/A	Are valve enclosures maintaining a minimum of 4 degrees C or more?	Yes
DRY VALVE			
Low temperature alarms are in good working condition?	N/A	Are the gauges in good condition and showing normal air and water pressure?	Yes
For freezer systems, gauge near compressor reading the same as gauge near the dry-pipe valve?	Yes	Is the dry pipe valve(s) free from physical damage?	Yes
Are trim valves in appropriate (open or closed) position?	Yes	Is there no leakage in the intermediate chamber?	Yes
Is the priming level correct?	Yes	Has the low air pressure switch passed it's test?	Yes
Has the quick opening device passed the test?	N/A	Have the strainers, filters and orifices been inspected?	Yes
In the last 3 years, was dry pipe valve full trip conducted with the control valve fully open and the quick-opening device, if provided, in service?	Yes		
BACKFLOW PREVENTERS			
Is relief port on RPZ device not discharging?	Yes	Have backflow devices passed forward flow test?	N/A
In last 5 years, have backflow preventers been internally inspected to verify all components are in good condition, operate correctly and move freely?	N/A		
ALARMS			
Is the alarm valve free from physical damage?	N/A	Is the trim in correct (open or closed) position?	N/A
Is there no leakage in the retarding chamber or drains?	Yes	Have low temperature alarms passed test?	N/A
Are alarms and supervisory devices not damaged?	Yes	Do low temperature alarms appear to be free of physical damage?	N/A
TESTING			
All control valves operated through full range and returned to normal position?	Yes	Has the piping from the fire department connection to the fire department check valve been hydrostatically tested within the last 5 years?	Yes
Mechanical waterflow alarm devices passed tests (alarms actuated and flow observed)?	Yes		
MAINTENANCE			
In the last 5 years, have the dry valve(s), strainers, filters and restricted orifices pass internal inspection?	Yes	Is interior of dry-pipe valves cleaned and in good condition?	Yes
Have auxiliary drains been drained/operated?	Yes	Have adjusted, repaired, reconditioned, or replaced components had proper tests/inspections performed? (Identify component and details)	N/A
Was a drain test conducted after opening any closed valve?	Yes	Operating stem of all OS&Y valves lubricated, completely closed and reopened?	Yes

Report of Inspection / Test

Frequency: Annual ITM

2023-08-16

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Have sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems been replaced annually?

No

INSPECTION

Is the hydraulic name plate (calculated systems) attached securely to the riser and legible? Yes

Is the information sign attached and legible? Yes

In last 5 years, have the check valves been internally inspected? Yes

Is the excess pressure pump free of damage and operational? N/A

Report of Inspection / Test

Frequency: Annual ITM

2023-08-16

Property

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Report of Inspection / Test for System - WET 1

WET SYSTEM MAIN DRAIN FLOW TEST

Record initial static pressure	125	Record residual pressure	tanks
Record static pressure	N/A	Seconds to return to initial static	N/A
Is flow observed?	Yes	Are results comparable to previous test	Yes
Did waterflow alarm operate?	Yes		

Report of Inspection / Test

Frequency: Annual ITM

2023-08-16

Property

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Report of Inspection / Test for System - DRY 1

DRY VALVE

Have automatic air maintenance devices passed test?	N/A	When refilling, did the air supply restore normal air pressure in the system within 30 minutes?	Yes
Is there an auxiliary/low point drain list on the valve riser(s)? If YES, attach picture(s) front and back.	No		

AIR COMPRESSORS

Is the air compressor, piping, wiring free of physical damage?	Yes	Is the air compressor anchored properly to the structure or system piping?	Yes
For oil-filled air compressors, is the level sufficient?	Yes	Does the air compressor operate as intended on the proper drop in pressure?	Yes
Does the air compressor operate without overheating?	Yes	For oil-filled air compressors, has the oil been replaced or changed?	No

DRY VALVE PARTIAL TRIP TEST

Dry Valve Make	Viking	Dry Valve Model	768N
Dry Valve Serial No.	N/A	Dry Valve Size	1.5
Dry Valve Year	20	Accelerator Make	N/A
Accelerator Model	N/A	Accelerator Serial No.	N/A
Accelerator Year	N/A	Without Accelerator: Time to Trip	N/A
Without Accelerator: Water Pressure	125	Without Accelerator: Air Pressure	19
Without Accelerator: Trip Point Air Pressure	4	Without Accelerator: Did alarm operate?	Yes
With Accelerator: Time to Trip	N/A	With Accelerator: Water Pressure	N/A
With Accelerator: Air Pressure	N/A	With Accelerator: Trip Point Air Pressure	N/A
With Accelerator: Did alarm operate?	N/A	Were results comparable to previous test?	Yes
Record low pressure activation point (psi)	10	Full trip test as required has been performed within the last 3 years?	2022

DRY SYSTEM MAIN DRAIN FLOW TEST

Record initial static pressure	125	Record residual pressure (psi)	tank
Record static pressure (psi)	N/A	Seconds to return to initial static	N/A
Is flow observed?	Yes	Are results comparable to previous test	Yes
Did waterflow alarm operate?	Yes		

Report of Inspection / Test

Frequency: Annual ITM

2023-08-16

Property

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INSPECTORS TEST CONNECTION

System	Location	Description	Time to Alarm (seconds)	Reported?	Smooth Orifice	Easily Accessible	Signs?	Pass?
WET 1	Tank Room	Basement	30	Yes	Yes	Yes	Yes	Yes
DRY 1	Dust collector	Drum drip	na	Yes	Yes	Yes	Yes	Yes
WET 1	Tool crib in mechanical shop	First floor	30	Yes	Yes	Yes	Yes	Yes
WET 1	Cabinet in room 209	Second Floor	35	Yes	Yes	Yes	Yes	Yes

VALVES

System	Description	Location	Valve Type	Size	Secured	Open	Easily Accessible	Signs	Exercised	Stems Lubricated	Flow Pass	Tamper Pass
WET 1	Tank 1 control	Tank Room	Butterfly	4 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
DRY 1	Dust Collector control	Wood Shop	Butterfly	1-1/2 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
DRY 1	Victaulic	Wood Shop	Dry Pipe Valve	1-1/2 "	Monitored	N/A	Yes	Yes	Yes	N/A	Pass	Pass
WET 1	Tank 2 control	Tank Room	Butterfly	4 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Tank 1 check	Tank Room	Riser Check Valve	4 "	Not Applicable	N/A	Yes	N/A	Yes	N/A	N/A	N/A
WET 1	Tank 2 check	Tank Room	Riser Check Valve	4 "	Not Applicable	N/A	Yes	N/A	Yes	N/A	N/A	N/A
WET 1	Main Control	Tank Room	OS&Y	4 "	Monitored	Yes	Yes	Yes	Yes	Yes	N/A	Pass
WET 1	Basement control	Tank Room	OS&Y	2 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Astra	Tank Room	Riser Check Valve	4 "	Not Applicable	N/A	Yes	N/A	Yes	N/A	N/A	N/A
WET 1	Dry feed	Tank Room	Butterfly	1-1/2 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Hood control	Kitchen	OS&Y	1 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Top of elevator	Above ceiling near elevator	OS&Y	1 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Second Floor control	Top of stairwell	OS&Y	3 "	Monitored	Yes	Yes	Yes	Yes	Yes	N/A	Pass
WET 1	First floor control	Hatch near custodian Room	OS&Y	3 "	Monitored	Yes	Yes	Yes	Yes	Yes	N/A	Pass

DRAIN VALVES

Report of Inspection / Test

Frequency: Annual ITM

2023-08-16

Property

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System	Description	Location	Drain	Aux Drain Drained	Water Flow Observed
DRY 1	Low point	At dust collector	Drum Drip	Yes	N/A
DRY 1	Main Drain	At DPV	Angle Valve	Yes	Yes

Report of Inspection / Test

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Questions with Photos and Notes

- Has the piping from the fire department connection to the fire department check valve been hydrostatically tested within the last 5 years? Yes

Notes:

Due in May 2025

- In last 5 years, have the check valves been internally inspected?

Yes

Notes:

Due in May 2025

Report of Inspection / Test

Frequency: Annual ITM

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Deficiencies - General Questions

Deficiency #1

In last 5 years, have gauges been checked by a calibrated gauge or replaced? -

13.2.7: No

Status: Non Critical

Notes:

Deficiency #2

Have sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems been replaced annually? - 5.4.1.7: No

Status: Critical

Notes: Sprinkler heads shall be changed.

Deficiencies - General Wet System Questions

None

Deficiencies - General Dry System Questions

None

Deficiencies - WET 1

None

Deficiencies - DRY 1

Deficiency #3

Sprinkler Type: Dry

Is there an auxiliary/low point drain list on the valve riser(s)? If YES, attach picture(s) front and back. - 4.1.9.2: No

Status: Critical

Notes: Must be installed.

Deficiency #4

Sprinkler Type: Dry

For oil-filled air compressors, has the oil been replaced or changed? - 13.10.4:

No

Status: Critical

Notes:

Deficiencies - Inspectors Test Connection

None

Deficiencies - Valves

None

Deficiencies - Drain Valves

Report of Inspection / Test

Frequency: Annual ITM

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None

Report of Inspection / Test

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Inspector Signature

I state that the information on this form is correct at the time and place of my inspection, and all equipment tested at this time was left in operational condition upon completion of this inspection except as noted.

Inspector Name

Roy Barton
NB Sprinkler System
Installer 10072972

Signature

Date Completed

2023-08-16

Testing and Inspection Report

Double Check Valve Assembly / Pressure Vacuum Breaker / Reduced Pressure Principle

06/21

Distribution Copies: Regional Plumbing Inspector (Photocopy), Occupant or Owner (Original), Licensed Tester (Photocopy)

OFFICE USE ONLY

Site No.	Permit No.	Device No.	
----------	------------	------------	--

PLEASE PRINT CLEARLY

Site Name / Occupancy: Harvey High School

Civic Number: 2055 **Street:** Route 3 **City:** Harvey

Postal Code: E6K 2P4 **Prov.:** NB **Telephone:** _____ **Site Usage:** School

Site Owner: _____ **Site Owner's email:** _____

Civic Number: _____ **Street:** _____ **City:** _____

Postal Code: _____ **Prov.:** _____ **Telephone:** _____

Certified Tester: Roy B. D. **Company Name:** Jeany Ltd & Assoc **Licence No.:** 71583 **Telephone:** 8579227

Make of Test Kit: Maker **Model No.:** MK3 **Serial No.:** 02A821010011 **Calibration Due Date:** 2023 09 06

Double Check Valve Assembly Reduced Pressure Principle Pressure Vacuum Breaker (Spill Resistant Yes)

Make of Assembly: Watts **Model No.:** 009 m2-07 **Serial No.:** 65341 **Size:** 3/4"

Location of Assembly in Building: Tank Room

Level of Protection: Premise Area Zone Individual

Type of Test: Initial Repair Annual **Date of Test:** 2023 08 16 **Line Pressure at Time of Test:** 41 kPa Initial Test Pass Fail Final Test Pass Fail

Tests	Step Component	Test	Requirement	Initial Test	Final Test
REDUCED PRESSURE	1: Relief Valve	Differential pressure relief valve opened at	(2 PSID minimum)	4.5	
	2: Shut Off Valve # 2	<input type="checkbox"/> Leaked <input checked="" type="checkbox"/> Closed Tight			
	3: Check Valve # 2	Reverse flow <input type="checkbox"/> Leaked <input checked="" type="checkbox"/> Closed Tight			
	4: Check Valve # 1	<input type="checkbox"/> Leaked <input checked="" type="checkbox"/> Closed Tight			
	5: Check Valve # 1	Pressure differential across 1 st check		9.2	
	6: Buffer	(Pressure drop across 1 st check minus opening point of relief valve) (min. 3 psi)		4.7	
DOUBLE CHECK VALVE ASSEMBLY	1: Check Valve # 1	Differential pressure in direction of flow	1.0 PSID min		
	2: Check Valve # 2	Differential pressure in direction of flow	1.0 PSID min		
PRESSURE VACUUM BREAKER	1: Air Inlet Valve	Opening Differential	1.0 PSID min		
	2: Check Valve	Closes tight in direction of flow	1.0 PSID min		

If the assembly fails the initial test for any reason, complete this section and note repair below

Comments - Reason for failure (if apparent): E-MAILED AUG 24 2023

NOTE: PLEASE CONTACT YOUR MUNICIPALITY TO DETERMINE WHETHER THEY ALSO REQUIRE A COPY OF THIS REPORT

REPAIRS	REDUCED PRESSURE PRINCIPLE								
	Differential Pressure Relief Valve			Check Valve No. 1		Check Valve No. 2		Shut Off Valve No. 2	
	<input type="checkbox"/> Cleaned	Replaced		<input type="checkbox"/> Cleaned	Replaced	<input type="checkbox"/> Cleaned	Replaced	<input type="checkbox"/> Cleaned	Replaced
<input type="checkbox"/> Disc Upper	<input type="checkbox"/> Diaphragm Sm	<input type="checkbox"/> Diaphragm Lg	<input type="checkbox"/> Disc	<input type="checkbox"/> Pin Retainer	<input type="checkbox"/> Disc	<input type="checkbox"/> Pin Retainer	<input type="checkbox"/> Disc	<input type="checkbox"/> Seat	
<input type="checkbox"/> Disc Lower	<input type="checkbox"/> Upper	<input type="checkbox"/> Upper	<input type="checkbox"/> Spring	<input type="checkbox"/> Hinged Pin	<input type="checkbox"/> Spring	<input type="checkbox"/> Hinged Pin	<input type="checkbox"/> Spring	<input type="checkbox"/> Seat	
<input type="checkbox"/> Spring	<input type="checkbox"/> Spacer	<input type="checkbox"/> Lower	<input type="checkbox"/> Guide	<input type="checkbox"/> Diaphragm	<input type="checkbox"/> Guide	<input type="checkbox"/> Diaphragm	<input type="checkbox"/> Guide	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Seat	<input type="checkbox"/> Other _____		<input type="checkbox"/> Seat	<input type="checkbox"/> Other _____	<input type="checkbox"/> Seat	<input type="checkbox"/> Other _____	<input type="checkbox"/> Seat	<input type="checkbox"/> Other _____	

REPAIRS	DOUBLE CHECK VALVE ASSEMBLY						PRESSURE VACUUM BREAKER					
	Check Valve No. 1			Check Valve No. 2			Cleaned		Replaced			
	<input type="checkbox"/> Cleaned	Replaced		<input type="checkbox"/> Cleaned	Replaced		<input type="checkbox"/> Cleaned	Replaced	<input type="checkbox"/> Cleaned	Replaced	<input type="checkbox"/> Cleaned	Replaced
<input type="checkbox"/> Spring	<input type="checkbox"/> Guide	<input type="checkbox"/> Pin Retainer	<input type="checkbox"/> Spring	<input type="checkbox"/> Guide	<input type="checkbox"/> Pin Retainer	<input type="checkbox"/> Vent Spring	<input type="checkbox"/> Poppet	<input type="checkbox"/> Retainer				
<input type="checkbox"/> Hinged Pin	<input type="checkbox"/> Seat	<input type="checkbox"/> Diaphragm	<input type="checkbox"/> Hinged Pin	<input type="checkbox"/> Seat	<input type="checkbox"/> Diaphragm	<input type="checkbox"/> Spring	<input type="checkbox"/> Disc	<input type="checkbox"/> Guide				
	<input type="checkbox"/> Disc	<input type="checkbox"/> Other _____		<input type="checkbox"/> Disc	<input type="checkbox"/> Other _____		<input type="checkbox"/> Vent Disc	<input type="checkbox"/> Other _____				

I certify that I have tested the above device in accordance with New Brunswick Regulation 84-187 under the Plumbing Installation and Inspection Act.

Signature of Tester: [Signature] **Year:** 2023 **Month:** 08 **Day:** 16

Report of Inspection / Test

Frequency: Quarterly ITM

2023-10-16

Property

HARVEY HIGH SCHOOL - D18
2055 ROUTE 3
Harvey Station NB E6K 2P4

WO Ref #: 624570

Conducted by: Roy Barton
NB Sprinkler System Installer 10072972

Troy Life & Fire Safety Ltd
175 Henri Dunant Street
Moncton New Brunswick E1E 1E4
1-877-441-8769



Life & Fire Safety Ltd.

24 HR. SERVICE
1-877-441-8769

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Report of Inspection / Test General Questions

OWNER SECTION

Is the building occupied?	Yes	Has the occupancy classification, hazard of contents, and/or storage method remained the same since the last inspection?	Yes
Are all fire protection systems in service?	Yes	Has the system remained in service without modification since the last inspection?	Yes
Was the system free of actuations of devices or alarms since the last inspection?	Yes	Name of owner representative who provided the information?	Matt Smith / Troy LFS Inspector
Does the property owner maintain records per NFPA 25 4.3.3?	Yes	Is the building/owner able to supply as-built drawings for the system(s)?	No

FIRE DEPARTMENT CONNECTION

Are the FDC caps and plugs in place and undamaged?	Yes	Is the FDC check valve free of leaks?	Yes
Has the interior of the FDC been inspected for obstructions?	Yes	Is the visible piping supplying the FDC undamaged?	Yes
Are the fire department connections visible and accessible?	Yes	Are gaskets in place and in good condition?	Yes
Is the fire department connection clapper(s) in place and operating properly?	Yes	Are identification signs in place?	Yes
Is the automatic drain valve in place and operating properly?	Yes		

PIPES

Do visible pipe and fittings have no mechanical damage or leaks?	Yes		
------------------------------------------------------------------	-----	--	--

CONTROL VALVE AREA

Are the control valves in correct (open or closed) position?	Yes	Are the control valves locked or is supervision in place?	Yes
Are the control valves accessible?	Yes	Are the control valves free from leaks?	Yes
Are appropriate wrenches available for the control valves?	Yes	Are the control valves properly identified?	Yes

VALVE AREA

Are the gauges in good condition and showing normal air and water pressure?	Yes	Are all check valves externally inspected, operating properly, and are in good condition?	Yes
Are the gauges on system operable and in good working condition?	Yes	Are Pressure reducing valves (sprinkler system) in open position and not leaking?	N/A
Are Pressure reducing valves (sprinkler system) with downstream pressure per the design?	N/A	Are Pressure reducing valves in good condition including no handwheels broken?	N/A

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The electrical waterflow alarm devices passed test by opening inspector's test connection/bypass connection with alarms actuating and flow observed?	Yes	Are valve enclosures maintaining a minimum of 4 degrees C or more?	Yes
------------------------------------------------------------------------------------------------------------------------------------------------------	-----	--------------------------------------------------------------------	-----

DRY VALVE

Are the gauges in good condition and showing normal air and water pressure?	Yes	For freezer systems, gauge near compressor reading the same as gauge near the dry-pipe valve?	N/A
Is the dry pipe valve(s) free from physical damage?	Yes	Are trim valves in appropriate (open or closed) position?	Yes
Is there no leakage in the intermediate chamber?	Yes	Is the priming level correct?	Yes
Has the quick opening device passed the test?	N/A	Have the strainers, filters and orifices been inspected?	Yes

BACKFLOW PREVENTERS

Is relief port on RPZ device not discharging?	Yes		
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ALARMS

Is the alarm valve free from physical damage?	Yes	Is the trim in correct (open or closed) position?	Yes
Is there no leakage in the retarding chamber or drains?	Yes	Have low temperature alarms passed test?	N/A
Are alarms and supervisory devices not damaged?	Yes		

TESTING

Mechanical waterflow alarm devices passed tests (alarms actuated and flow observed)?	Yes		
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MAINTENANCE

Have auxiliary drains been drained/operated?	Yes	Have adjusted, repaired, reconditioned, or replaced components had proper tests/inspections performed? (Identify component and details)	N/A
Was a drain test conducted after opening any closed valve?	Yes		

INSPECTION

Is the excess pressure pump free of damage and operational?	Yes		
-------------------------------------------------------------	-----	--	--

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Report of Inspection / Test for System - WET 1

WET SYSTEM MAIN DRAIN FLOW TEST

Record initial static pressure	120	Record residual pressure	tanks
Record static pressure	N/A	Seconds to return to initial static	N/A
Is flow observed?	Yes	Are results comparable to previous test	Yes
Did waterflow alarm operate?	N/A		

Report of Inspection / Test

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Report of Inspection / Test for System - DRY 1

AIR COMPRESSORS

Is the air compressor, piping, wiring free of physical damage?	Yes	Is the air compressor anchored properly to the structure or system piping?	Yes
For oil-filled air compressors, is the level sufficient?	Yes	Does the air compressor operate as intended on the proper drop in pressure?	Yes
Does the air compressor operate without overheating?	Yes	For oil-filled air compressors, has the oil been replaced or changed?	No

DRY SYSTEM MAIN DRAIN FLOW TEST

Record initial static pressure	120	Record residual pressure (psi)	tank
Record static pressure (psi)	N/A	Seconds to return to initial static	N/A
Is flow observed?	Yes	Are results comparable to previous test	Yes
Did waterflow alarm operate?	N/A		

INSPECTORS TEST CONNECTION

System	Location	Description	Time to Alarm (seconds)	Reported?	Smooth Orifice	Easily Accessible	Signs?	Pass?
WET 1	Tank Room	Basement		Yes	Yes	Yes	Yes	Yes
DRY 1	Dust collector	Drum drip	na	N/A	Yes	Yes	Yes	Yes
WET 1	Cabinet in room 209	Second Floor		Yes	Yes	Yes	Yes	Yes
WET 1	Tool crib in mechanical shop	First floor		Yes	Yes	Yes	Yes	Yes

VALVES

System	Description	Location	Valve Type	Size	Secured	Open	Easily Accessible	Signs	Exercised	Stems Lubricated	Flow Pass	Tamper Pass
WET 1	Tank 1 control	Tank Room	Butterfly	4 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
DRY 1	Dust Collector control	Wood Shop	Butterfly	1-1/2 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
DRY 1	Victaulic	Wood Shop	Dry Pipe Valve	1-1/2 "	Monitored	N/A	Yes	Yes	N/A	N/A	Pass	Pass
WET 1	Tank 2 control	Tank Room	Butterfly	4 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Tank 1 check	Tank Room	Riser Check Valve	4 "	Not Applicable	N/A	Yes	Yes	N/A	N/A	N/A	N/A
WET 1	Tank 2 check	Tank Room	Riser Check Valve	4 "	Not Applicable	N/A	Yes	N/A	Yes	N/A	N/A	N/A

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VALVES

System	Description	Location	Valve Type	Size	Secured	Open	Easily Accessible	Signs	Exercised	Stems Lubricated	Flow Pass	Tamper Pass
WET 1	Main Control	Tank Room	OS&Y	4 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Basement control	Tank Room	OS&Y	2 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Astra	Tank Room	Riser Check Valve	4 "	Not Applicable	N/A	Yes	N/A	Yes	N/A	N/A	N/A
WET 1	Dry feed	Tank Room	Butterfly	1-1/2 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Hood control	Kitchen	OS&Y	1 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Top of elevator	Above ceiling near elevator	OS&Y	1 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	Second Floor control	Top of stairwell	OS&Y	3 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass
WET 1	First floor control	Hatch near custodian Room	OS&Y	3 "	Monitored	Yes	Yes	Yes	Yes	N/A	N/A	Pass

DRAIN VALVES

System	Description	Location	Drain	Aux Drain Drained	Water Flow Observed
DRY 1	Low point	At dust collector	Drum Drip	Yes	Yes
DRY 1	Main Drain	At DPV	Angle Valve	Yes	Yes
WET 1	Main Drain tank 1	Tank Room	Globe Valve	Yes	Yes
WET 1	Main Drain tank 2	Tank Room	Ball Valve	Yes	Yes

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Deficiencies - General Questions

None

Deficiencies - General Wet System Questions

None

Deficiencies - General Dry System Questions

None

Deficiencies - WET 1

None

Deficiencies - DRY 1

Deficiency #1

Sprinkler Type: Dry

For oil-filled air compressors, has the oil been replaced or changed? - 13.10.4:

No

Status: Critical

Notes:

Deficiencies - Inspectors Test Connection

None

Deficiencies - Valves

None

Deficiencies - Drain Valves

None

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Inspector Signature

I state that the information on this form is correct at the time and place of my inspection, and all equipment tested at this time was left in operational condition upon completion of this inspection except as noted.

Inspector Name

Roy Barton
NB Sprinkler System
Installer 10072972

Signature

Date Completed

2023-10-16