

## Report of Analysis

**Customer:** Secondwind Water Systems  
**Client Sample ID:** Ians Way Station #1 Steve Voce, #21476  
**Laboratory ID:** 122102416.01  
**Sample Matrix:** Drinking Water  
**Sample Location:** 25 Ians Way, Rochester, NH (Treated)

**Date Collected:** 10/21/2022 02:00 PM  
**Collected By:** Secondwind  
**Date Received:** 10/25/2022 10:45 AM  
**Temperature Rec'd °C:** 5.2

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
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Arsenic 0.0024 0.0050 mg/L 10/26/2022 01:17 EPA 200.8 Primary Within Standard

**Customer:** Secondwind Water Systems  
**Client Sample ID:** Ians Way Station #1 Steve Voce, #21476  
**Laboratory ID:** 122102416.02  
**Sample Matrix:** Drinking Water  
**Sample Location:** 25 Ians Way, Rochester, NH (Treated)

**Date Collected:** 10/21/2022 02:00 PM  
**Collected By:** Secondwind  
**Date Received:** 10/25/2022 10:45 AM  
**Temperature Rec'd °C:** 5.2

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
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Nitrate-N <1.0 10 mg/L 10/25/2022 12:50 SM 4500 NO3 D Primary Within Standard  
Chloride 54 250 mg/L 10/25/2022 16:07 SM 4500Cl-B Secondary Within Standard  
nH 6.83 6.5-8.5 SU 10/25/2022 12:30 SM 4500H B Secondary Within Standard  
Manganese 0.080 0.300 mg/L 10/26/2022 01:17 EPA 200.8 Secondary Within Standard  
Calcium <0.010 0.050 mg/L 10/26/2022 01:17 EPA 200.8 Secondary Within Standard  
Magnesium 16.6 N/A mg/L 10/26/2022 01:17 EPA 200.8 N/A No EPA Limit  
Sodium 9.6 N/A mg/L 10/26/2022 01:17 EPA 200.8 N/A No EPA Limit  
Total Hardness 18 N/A mg/L 10/26/2022 01:17 EPA 200.8 N/A No EPA Limit  
81 N/A mg/L 10/26/2022 01:17 SM 2340B N/A No EPA Limit

**Customer:** Secondwind Water Systems  
**Client Sample ID:** Ians Way Station #1 Steve Voce, #21476  
**Laboratory ID:** 122102416.03  
**Sample Matrix:** Drinking Water  
**Sample Location:** 25 Ians Way, Rochester, NH (Untreated)

**Date Collected:** 10/21/2022 02:10 PM  
**Collected By:** Secondwind  
**Date Received:** 10/25/2022 10:45 AM  
**Temperature Rec'd °C:** 5.2

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
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Arsenic 0.0978 0.0050 mg/L 10/26/2022 01:17 EPA 200.8 Primary Outside of Standard

**ARSENIC NOTE:** The New Hampshire Department of Environmental Services has established a state Maximum Contaminant Level (MCL) for arsenic of 0.005 mg/L, which took effect on July 1, 2021 for all NH public water systems. The federal EPA Safe Drinking Water Act MCL for arsenic is 0.010 mg/L. More information can be found at <https://www.des.nh.gov/>

**Test Types:** EPA Primary: Regulated by the EPA as a health related parameter  
EPA Secondary: Aesthetic parameter - not regarded as a health concern



Notes: mg/L=ppm; ug/L=ppb; ng/L=ppt, "<" denotes "less than". Nitrate is a non-accredited test for noncompliance water samples. This report of analysis may not be modified in any way, or reproduced except in full, without written approval from Nelson Analytical, LLC. Results reported above relate only to samples as submitted, unless specifically noted otherwise. Nelson Analytical, LLC is currently accredited by the New Hampshire Environmental Lab Accreditation Program, the Vermont Laboratory Accreditation Program, the Massachusetts Laboratory Certification Program, and the Maine Laboratory Accreditation Program. For a list of current accredited tests, please visit the websites listed below. Sampling performed by the lab is according to the lab document "Water Sampling Instructions". EPA standards list pH & Chlorine as field parameters which should be tested immediately upon sample collection. Samples tested for pH after submission are beyond the hold time. Samples will be analyzed as quickly as laboratory operations allow. Metals samples may be analyzed the same day they are received. #=Sample(s) received at laboratory do not meet method specified temperature criteria.

Solid samples are reported on a dry weight basis unless noted otherwise.  
Subcontract Laboratories: SUB2: Nelson Analytical Maine NH-2018 SUB 7; Nelson Analytical EAT Dn. NH1007, SUB3: 2062 SUB4-2073/2239, SUB5:NH2530, SUB6:NH2136, <https://www4.des.state.nh.us/OneStopPub/WSEBE/acclab/1005.pdf>  
[http://healthvermont.gov/enviro/ph\\_lab/publichealthlaboratory.aspx](http://healthvermont.gov/enviro/ph_lab/publichealthlaboratory.aspx)  
<https://www.maine.gov/dhhs/mecdc/environmental-health/dwpp/professionals/labCert.shtml>  
<https://www.mass.gov/certified-laboratories>

## Report of Analysis



Andrew Nelson, Laboratory Director

Respectfully Submitted

Prepared by: JAC  
 Date Received: 10/21/2022 03:40 PM  
 Collected by:  
 Date Collected: 10/21/2022 03:40 PM

Sample Location: 22 East Main, Rochester, VT (L12345)  
 Sample Volume: 250 mL  
 Laboratory ID: 133103110-03  
 Client Sample ID: 10011-2022-03-10-NH  
 Container: 250mL Polypropylene Water Bottle

Parameter	Unit	Result	Method	Reference
Total Hardness	mg/L	10.5	291.23400	20.0
Calcium	mg/L	10.5	291.23400	20.0
Magnesium	mg/L	10.5	291.23400	20.0
Chloride	mg/L	10.5	291.23400	20.0
Sulfate	mg/L	10.5	291.23400	20.0
Fluoride	mg/L	10.5	291.23400	20.0
Iron	mg/L	10.5	291.23400	20.0
Copper	mg/L	10.5	291.23400	20.0
Zinc	mg/L	10.5	291.23400	20.0
Lead	mg/L	10.5	291.23400	20.0
Cadmium	mg/L	10.5	291.23400	20.0
Mercury	mg/L	10.5	291.23400	20.0
Nitrate	mg/L	10.5	291.23400	20.0
Nitrite	mg/L	10.5	291.23400	20.0
Ammonia	mg/L	10.5	291.23400	20.0
Phosphate	mg/L	10.5	291.23400	20.0
Chlorine	mg/L	10.5	291.23400	20.0
Free Chlorine	mg/L	10.5	291.23400	20.0
Total Chlorine	mg/L	10.5	291.23400	20.0
Free Bromine	mg/L	10.5	291.23400	20.0
Total Bromine	mg/L	10.5	291.23400	20.0
Free Iodine	mg/L	10.5	291.23400	20.0
Total Iodine	mg/L	10.5	291.23400	20.0



Notes: mg/L=ppm; ug/L=ppt; "L" denotes "less than". Nitrate is a non-accredited test for noncompliance water samples. This report of analysis may not be modified in any way, or reproduced except in full, without written approval from Nelson Analytical, LLC. Results reported above relate only to samples as submitted, unless specifically noted otherwise. Nelson Analytical, LLC is currently accredited by the New Hampshire Environmental Lab Accreditation Program, the Vermont Laboratory Accreditation Program, the Massachusetts Laboratory Certification Program, and the Maine Laboratory Accreditation Program. For a list of current accredited tests, please visit the websites listed below. Sampling performed by the lab is according to the lab document "Water Sampling Instructions". EPA standards list pH & Chlorine as field parameters which should be tested immediately upon sample collection. Samples tested for pH after submission are beyond the hold time. Samples will be analyzed as quickly as laboratory operations allow. Metals samples may be analyzed the same day they are received. #Sample(s) received at laboratory do not meet method specified temperature criteria. Solid samples are reported on a dry weight basis unless noted otherwise. Subcontract Laboratories: SUB2: Nelson Analytical EAL Div. NH1007, SUB3: 2062 SUB4: 2073/2239, SUB5: NH2530, SUB8: NH2136. <http://www4.des.state.nh.us/OneStopPub/WSEB/acclab/1005.pdf> [http://healthvermont.gov/enviro/ph\\_lab/PublicHealthLaboratory.aspx](http://healthvermont.gov/enviro/ph_lab/PublicHealthLaboratory.aspx) <https://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml> <https://www.mass.gov/certified-laboratories>

**Report of Analysis**

**Customer:** Secondwind Water Systems  
**Client Sample ID:** Ians Way Station #2 Steve Voce, #120308  
**Laboratory ID:** 122102415.01  
**Sample Matrix :** Drinking Water  
**Sample Location:** 35 Ians Way, Rochester, NH (Treated)

**Date Collected:** 10/21/2022 02:35 PM  
**Collected By :** Secondwind  
**Date Received :** 10/25/2022 10:45 AM  
**Temperature Rec'd °C:** 5.2

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
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Arsenic	0.0015	0.0050	mg/L	10/26/2022 01:17	EPA 200.8	Primary	Within Standard
<b>Customer:</b>	Secondwind Water Systems						
<b>Client Sample ID:</b>	Ians Way Station #2 Steve Voce, #120308						
<b>Laboratory ID:</b>	122102415.02						
<b>Sample Matrix :</b>	Drinking Water						
<b>Sample Location:</b>	35 Ians Way, Rochester, NH (Treated)						
<b>Date Collected:</b>	10/21/2022 02:35 PM						
<b>Collected By :</b>	Secondwind						
<b>Date Received :</b>	10/25/2022 10:45 AM						
<b>Temperature Rec'd °C:</b>	5.2						

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
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Nitrate-N	<1.0	10	mg/L	10/25/2022 12:50	SM 4500 NO3 D	Primary	Within Standard
Chloride	50	250	mg/L	10/25/2022 11:30	SM 4500Cl-B	Secondary	Within Standard
pH	6.97	6.5-8.5	SU	10/25/2022 12:30	SM 4500H B	Secondary	Within Standard
Iron	0.061	0.300	mg/L	10/26/2022 01:17	EPA 200.8	Secondary	Within Standard
Manganese	<0.010	0.050	mg/L	10/26/2022 01:17	EPA 200.8	Secondary	Within Standard
Calcium	12.7	N/A	mg/L	10/26/2022 01:17	EPA 200.8	N/A	No EPA Limit
Magnesium	7.9	N/A	mg/L	10/26/2022 01:17	EPA 200.8	N/A	No EPA Limit
Sodium	14	N/A	mg/L	10/26/2022 01:17	EPA 200.8	N/A	No EPA Limit
Total Hardness	64	N/A	mg/L	10/26/2022 01:17	SM 2340B	N/A	No EPA Limit

**Customer:** Secondwind Water Systems  
**Client Sample ID:** Ians Way Station #2 Steve Voce, #120308  
**Laboratory ID:** 122102415.03  
**Sample Matrix :** Drinking Water  
**Sample Location:** 35 Ians Way, Rochester, NH (Untreated)

**Date Collected:** 10/21/2022 02:20 PM  
**Collected By :** Secondwind  
**Date Received :** 10/25/2022 10:45 AM  
**Temperature Rec'd °C:** 5.2

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
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Arsenic	0.0526	0.0050	mg/L	10/26/2022 01:17	EPA 200.8	Primary	Outside of Standard
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**ARSENIC NOTE:** The New Hampshire Department of Environmental Services has established a state Maximum Contaminant Level (MCL) for arsenic of 0.005 mg/L, which took effect on July 1, 2021 for all NH public water systems. The federal EPA Safe Drinking Water Act MCL for arsenic is 0.010 mg/L. More information can be found at <https://www.des.nh.gov/>

**Test Types:** EPA Primary: Regulated by the EPA as a health related parameter  
 EPA Secondary: Aesthetic parameter - not regarded as a health concern



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<https://www4.des.state.nh.us/OneStopPub/WSEB/acclab/1005.pdf>  
[http://healthvermont.gov/enviro/ph\\_lab/PublicHealthLaboratory.aspx](http://healthvermont.gov/enviro/ph_lab/PublicHealthLaboratory.aspx)  
<https://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml>  
<https://www.mass.gov/verified-laboratories>

**Report of Analysis**

*Andrew Nelson*

Andrew Nelson, Laboratory Director

Respectfully Submitted

Sample Location: 32 1st St, Portsmouth, NH (Client)  
 Sample Matrix: Drinking Water  
 Collection ID: 151105181203  
 Client Sample ID: 1st St Water Station at State Court #112008  
 Container: Polyethylene Water Station

Analysis ID: 151105181203  
 Client Sample ID: 1st St Water Station at State Court #112008  
 Container: Polyethylene Water Station  
 Date Received: 10/26/2022  
 Date Collected: 10/21/2022 08:12 EDT  
 Temperature Rec'd °C: 22  
 Date Received: 10/26/2022 10:42 AM  
 Date Collected: 10/21/2022 08:12 EDT

Parameter	Result	Unit	Method	Notes
Total Hardness	64	mg/L	1053010025 0113	2M 2500B
Sulfate	14	mg/L	1053010025 0113	EVA 2008
Calcium	33	mg/L	1053010025 0113	EVA 2008
Chloride	15.3	mg/L	1053010025 0113	EVA 2008
Lead	<0.010	mg/L	1053010025 0113	EVA 2008
Copper	0.061	mg/L	1053010025 0113	EVA 2008
Iron	0.23	mg/L	1053010025 1130	2M 4000B 9
Manganese	26	mg/L	1053010025 1130	2M 4000B 9
Nitrate-N	<1.0	mg/L	1053010025 1130	2M 4000 B/C/D

Sample Location: 32 1st St, Portsmouth, NH (Client)  
 Sample Matrix: Drinking Water  
 Analysis ID: 151105181203  
 Client Sample ID: 1st St Water Station at State Court #112008  
 Container: Polyethylene Water Station  
 Date Received: 10/26/2022  
 Date Collected: 10/21/2022 08:12 EDT

Parameter	Result	Unit	Method	Notes
Ammonia	0.0239	mg/L	1053010025 0113	EVA 2002

Notes: mg/L=ppm; ug/L=ppb; ng/L=ppt, "<" denotes "less than". Nitrate is a non-accredited test for noncompliance water samples. This report of analysis may not be modified in any way, or reproduced except in full, without written approval from Nelson Analytical, LLC. Results reported above relate only to samples as submitted, unless specifically noted otherwise. Nelson Analytical, LLC is currently accredited by the New Hampshire Environmental Lab Accreditation Program, the Vermont Laboratory Accreditation Program, the Massachusetts Laboratory Accreditation Program, and the Maine Laboratory Accreditation Program. For a list of current accredited tests, please visit the websites listed below. Sampling performed by the lab is according to the lab document "Water Sampling Instructions". EPA standards list pH & Chlorine as field parameters which should be tested immediately upon sample collection. Samples tested for pH after submission are beyond the hold time. Samples will be analyzed as quickly as laboratory operations allow. Metals samples may be analyzed the same day they are received. # -Sample(s) received at laboratory do not meet method specified temperature criteria. Solid samples are reported on a dry weight basis unless noted otherwise.

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<https://www4.des.state.nh.us/OneStopPub/WSEB/acclab/1005.pdf>  
[http://healthvermont.gov/enviro/ph\\_lab/PublicHealthLaboratory.asp](http://healthvermont.gov/enviro/ph_lab/PublicHealthLaboratory.asp)  
<https://www.maine.gov/dhhs/meccdc/environmental-health/cwp/professionals/labCart.shtml>  
<https://www.mass.gov/certified-laboratories>

