



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

Laboratory Report

Pennichuck Water Works
25 Walnut St
Nashua, NH 03060

Date Printed: 04/21/2022
Work Order #: 2204-00725
Client Job #:
Date Received: 04/06/2022
Sample collected in: New Hampshire

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of the analyzing laboratory's Quality Assurance Plan, Standard Operating Procedures and State Accreditation. This certificate shall not be reproduced, except in full, without the written approval of the analyzing laboratory. The results presented in this report relate to the samples listed on the following pages in the condition in which they were received. Accreditation for each analyte is identified by the * symbol following the analyte name. Location of our analyzing laboratory is identified by the code in the Analyst Column.

A & L Laboratory:
Identified by ME in Analyst Column
155 Center Street, Auburn, Maine 04210
www.allaboratory.com

Granite State Analytical Services LLC:
Identified by NH in Analyst Column
22 Manchester Road, Derry, NH 03038
www.granitestateanalytical.com

ANALYSIS RELATED NOTES:

- RL: "Reporting limit" means the lowest level of an analyte that can be accurately recovered from the matrix of interest.
- A & L Laboratory / Granite State Analytical Services LLC / Nashoba Analytical LLC. accreditation lists can be found on our websites listed above.
- Subcontracted samples will be identified by the Accreditation number of the subcontract laboratory in the analyst field for each analyte and the appropriate laboratory will be listed here. **None**
- Data Qualifiers (DQ) Flags provide additional information in regards to the receipt, analysis or quality control of a sample. These are indicated under the DQ Flags Column on your report and listed here if necessary: **Data Qualifier (DQ) Flags: None**

SAMPLE STATE SPECIFIC NOTES:

Additional Narrative or Comments: **None**

We appreciate the opportunity to provide you with laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be happy to assist you.



Donald A. D'Anjou, Ph. D.
Laboratory Director

A & L Laboratory: Accreditations: Maine ME00021, New Hampshire 2501, Maine Radon Registration ID # SPC20
Granite State Analytical Services, LLC: Accreditations: New Hampshire 1015; Maine NH00003;
Massachusetts M-NH0003; Rhode Island 101513; Vermont VT-101507
Nashoba Analytical, LLC: Accreditations: Massachusetts M-MA1118



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DRINKING WATER COMPLIANCE REPORT

DATE PRINTED: 04/21/2022
SAMPLE ID #: 2204-00725-001
SAMPLED BY: Farwell, Ronald-PWW

CHEMICAL RESULTS FOR THE 2nd QUARTER 2022
LAB ID#: 1015

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Sandown North Elementary Sch
EPA ID#: 2085040
SYSTEM TOWN: Sandown
SAMPLE AGENT #: 603-913-2385
SAMPLE LOCATION: 001 Source Tap in Pumproom /001

DATE & TIME COLLECTED: 04/05/2022 01:00PM
DATE & TIME RECEIVED: 04/06/2022 09:26AM
WATER SYS TYPE: Non-Transient, Non-Community
RECEIPT TEMP: ON ICE 4.1° CELSIUS
CLIENT JOB #:

BAR CODE: 20220331047-001

Test Description	Results	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
1,2-Dibromo-3-chloropropane (DBCP)*	<0.02	ug/L	✓		0.02	0.2 ug/L	EPA 504.1	GQ-NH	04/11/2022 06:13PM
Date Extracted	-					No Limit	EPA 504.1	GD-NH	04/11/2022 08:01AM
Ethylene Dibromide (EDB)*	<0.02	ug/L	✓		0.02	0.05 ug/L	EPA 504.1	GQ-NH	04/11/2022 06:13PM
Chlordane*	<0.4	ug/L	✓		0.4	2.0 ug/L	EPA 505	GQ-NH	04/11/2022 09:41PM
Date Extracted	-					No Limit	EPA 505	GD-NH	04/11/2022 08:01AM
Toxaphene*	<2	ug/L	✓		2.0	3 ug/L	EPA 505	GQ-NH	04/11/2022 09:41PM
2,4,5-TP (Silvex)*	<0.25	ug/L	✓		0.25	50 ug/L	EPA 515.3	KV-NH	04/13/2022 11:51PM
2,4-D*	<1	ug/L	✓		1	70 ug/L	EPA 515.3	KV-NH	04/13/2022 11:51PM
Dalapon*	<1	ug/L	✓		1	200 ug/L	EPA 515.3	KV-NH	04/13/2022 11:51PM
Date Extracted	-					No Limit	EPA 515.3	KT-NH	04/13/2022 07:46AM
Dicamba*	<0.5	ug/L			0.5	No Limit	EPA 515.3	KV-NH	04/13/2022 11:51PM
Dinoseb*	<1	ug/L	✓		1	7 ug/L	EPA 515.3	KV-NH	04/13/2022 11:51PM
Pentachlorophenol*	<0.1	ug/L	✓		0.1	1 ug/L	EPA 515.3	KV-NH	04/13/2022 11:51PM
Picloram*	<2	ug/L	✓		2	500 ug/L	EPA 515.3	KV-NH	04/13/2022 11:51PM
2,4-Dichlorophenylacetic acid	107	%	✓			70-130%	EPA 515.3 - SS	KV-NH	04/13/2022 11:51PM
Alachlor*	<0.1	ug/L	✓		0.1	2 ug/L	EPA 525.2	DD-NH	04/12/2022 09:40PM
Aldrin*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	04/12/2022 09:40PM
Atrazine*	<0.1	ug/L	✓		0.1	3 ug/L	EPA 525.2	DD-NH	04/12/2022 09:40PM
Benzo(a)pyrene*	<0.1	ug/L	✓		0.1	0.2 ug/L	EPA 525.2	DD-NH	04/12/2022 09:40PM
Butachlor*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	04/12/2022 09:40PM
Date Extracted	-					No Limit	EPA 525.2	CQ-NH	04/12/2022 09:45AM
Di(2-ethylhexyl)adipate*	<1	ug/L	✓		1	400 ug/L	EPA 525.2	DD-NH	04/12/2022 09:40PM
Di(2-ethylhexyl)phthalate*	1.5	ug/L	✓		1	6 ug/L	EPA 525.2	DD-NH	04/12/2022 09:40PM
Dieldrin*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	04/12/2022 09:40PM
Endrin*	<0.1	ug/L	✓		0.1	2 ug/L	EPA 525.2	DD-NH	04/12/2022 09:40PM



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LAB ID#: 1015

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✕
Attention	⚠

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SYSTEM NAME: Sandown North Elementary Sch
EPA ID#: 2085040
SYSTEM TOWN: Sandown
SAMPLE AGENT #: 603-913-2385
SAMPLE LOCATION: 001 Source Tap in Pumproom /001

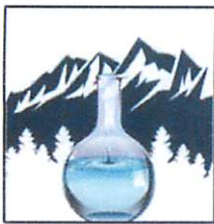
DATE & TIME COLLECTED: 04/05/2022 01:00PM
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RECEIPT TEMP: ON ICE 4.1° CELSIUS
CLIENT JOB #:

BAR CODE: 20220331047-001

Test Description	Results	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Heptachlor Epoxide*	<0.1	ug/L	✓		0.1	0.2 ug/L	EPA 525.2	DD-NH	04/12/2022 09:40PM
Heptachlor*	<0.1	ug/L	✓		0.1	0.4 ug/L	EPA 525.2	DD-NH	04/12/2022 09:40PM
Hexachlorobenzene*	<0.1	ug/L	✓		0.1	1 ug/L	EPA 525.2	DD-NH	04/12/2022 09:40PM
Hexachlorocyclopentadiene*	<0.1	ug/L	✓		0.1	50 ug/L	EPA 525.2	DD-NH	04/12/2022 09:40PM
Lindane*	<0.1	ug/L	✓		0.1	0.2 ug/L	EPA 525.2	DD-NH	04/12/2022 09:40PM
Methoxychlor*	<0.1	ug/L	✓		0.1	40 ug/L	EPA 525.2	DD-NH	04/12/2022 09:40PM
Metolachlor*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	04/12/2022 09:40PM
Metribuzin*	<0.1	ug/L	✓		0.1	70 ug/L	EPA 525.2	DD-NH	04/12/2022 09:40PM
Propachlor*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	04/12/2022 09:40PM
Simazine*	<0.1	ug/L	✓		0.1	4 ug/L	EPA 525.2	DD-NH	04/12/2022 09:40PM
1,3-Dimethyl-2-nitrobenzene	103	%	✓			70-130%	EPA 525.2 - SS	DD-NH	04/12/2022 09:40PM
Perylene-d12	94	%	✓			70-130%	EPA 525.2 - SS	DD-NH	04/12/2022 09:40PM
Pyrene-d10	95	%	✓			70-130%	EPA 525.2 - SS	DD-NH	04/12/2022 09:40PM
Triphenylphosphate	103	%	✓			70-130%	EPA 525.2 - SS	DD-NH	04/12/2022 09:40PM
3-Hydroxycarbofuran*	<1	ug/L			1	No Limit	EPA 531.1	GQ-NH	04/20/2022 12:28AM
Aldicarb Sulfone*	<1	ug/L			1	No Limit	EPA 531.1	GQ-NH	04/20/2022 12:28AM
Aldicarb Sulfoxide*	<1	ug/L			1	No Limit	EPA 531.1	GQ-NH	04/20/2022 12:28AM
Aldicarb*	<1	ug/L			1	No Limit	EPA 531.1	GQ-NH	04/20/2022 12:28AM
Carbaryl*	<1	ug/L			1	No Limit	EPA 531.1	GQ-NH	04/20/2022 12:28AM
Carbofuran*	<1	ug/L	✓		1	40 ug/L	EPA 531.1	GQ-NH	04/20/2022 12:28AM
Date Extracted	-					No Limit	EPA 531.1	GQ-NH	04/19/2022 12:02PM
Methiocarb*	<1	ug/L			1	No Limit	EPA 531.1	GQ-NH	04/20/2022 12:28AM
Methomyl*	<1	ug/L			1	No Limit	EPA 531.1	GQ-NH	04/20/2022 12:28AM
Oxamyl (Vydate)*	<1	ug/L	✓		1	200 ug/L	EPA 531.1	GQ-NH	04/20/2022 12:28AM
Propoxur (Baygon)*	<1	ug/L			1	No Limit	EPA 531.1	GQ-NH	04/20/2022 12:28AM
Date Extracted	-					No Limit	EPA 547	CQ-NH	04/07/2022 12:14PM



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Glyphosate*	25	ug/L	✓		10	700 ug/L	EPA 547	GQ-NH	04/07/2022 07:37PM
Date Extracted	-					No Limit	EPA 549.2	KT-NH	04/07/2022 12:34PM
Diquat*	<1	ug/L	✓		1	20 ug/L	EPA 549.2	GQ-NH	04/08/2022 02:05PM



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