

# GRANITE STATE ANALYTICAL SERVICES, LLC

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## DRINKING WATER COMPLIANCE REPORT

DATE PRINTED: 07/28/2017 CHEMICAL RESULTS FOR THE QUARTER 2017 LAB ID# 1015  
 SAMPLE ID#: 1707-01954-001 DATE & TIME COLLECTED: 07/18/2017 8:25AM  
 SAMPLED BY: Dracut Water Supply District DATE & TIME RECEIVED: 07/18/2017 12:00PM  
 SYSTEM EPA ID #: 3079000  
 SAMPLE CATEGORY: Routine Sample WATER SYSTEM TYPE: Community  
 SYSTEM NAME: Dracut Water Supply District  
 SAMPLE AGENT #: 978-957-0441 SYSTEM TOWN: Dracut  
 RECEIPT TEMP: ON ICE 11.4° CELSIUS SAMPLE LOCATION: Tyngsboro Wells- FW  
 BAR CODE:

### CLIENT JOB #

Test Description	Results	Test Units	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Turbidity*	<0.5	NTU		0.5	5 NTU	EPA 180.1	SL-NH	07/18/17 3:10PM
Calcium*	14.5	mg/L		1	No Limit	EPA 200.7	BB-NH	07/19/17 3:39PM
Hardness (calc.)	46.1	mg CaCO3/L		2	No Limit	EPA 200.7	BB-NH	07/19/17 3:39PM
Iron*	0.264	mg/L		0.01	0.3 mg/L	EPA 200.7	BB-NH	07/19/17 3:39PM
Magnesium	2.4	mg/L		1	No Limit	EPA 200.7	BB-NH	07/19/17 3:39PM
Potassium	29.4	mg/L		1	No Limit	EPA 200.7	BB-NH	07/19/17 3:39PM
Aluminum*	0.0077	mg/L		0.001	0.2 mg/L	EPA 200.8	BB-NH	07/19/17 10:56AM
Copper*	0.0061	mg/L		0.001	1.3 mg/L	EPA 200.8	BB-NH	07/19/17 10:56AM
Manganese*	0.228	mg/L		0.001	0.05 mg/L	EPA 200.8	BB-NH	07/19/17 10:56AM
Silver*	<0.001	mg/L		0.001	0.1 mg/L	EPA 200.8	BB-NH	07/24/17 10:18AM
Zinc*	0.0014	mg/L		0.001	5 mg/L	EPA 200.8	BB-NH	07/19/17 10:56AM
Chloride*	67	mg/L		2	250 mg/L	EPA 300.0	SL-NH	07/18/17 9:40PM
Sulfate*	11	mg/L		2	250 mg/L	EPA 300.0	SL-NH	07/18/17 9:40PM
Color	<5	CPU		5	15 CPU	SM 2120B	SL-NH	07/18/17 3:04PM
Odor	ND	T.O.N.	H	1	3 T.O.N.	SM 2150B	SL-NH	07/18/17 3:23PM
Total Alkalinity*	55	mg CaCO3/L		5	No Limit	SM 2320B	CW-NH	07/20/17 9:43AM
Total Dissolved Solids*	195	mg/L		10	500 mg/L	SM 2540C	1008	07/25/17
pH*	7.58	SU	H	N/A	6.5 - 8.5 SU	SM 4500 H B	SL-NH	07/18/17 3:23PM

The results presented in this report relate to the samples listed above in the condition in which they were received.

RL: "Reporting limit" means the lowest level of an analyte that can be accurately recovered from the matrix of interest.

Data Qualifier (DQ) Flags: H = Hold time non-compliant.

\* MA Certified Analysis



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

This analysis meets Commonwealth of Massachusetts requirements except as noted.  
State Certifications: | NH 1015 | MA M-NH003 | ME NH00003 | RI 101513 | VT VT-101507 |

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SAMPLE ID#: 1707-01955-001 DATE & TIME COLLECTED: 07/18/2017 7:37AM  
SAMPLED BY: Dracut Water Supply District DATE & TIME RECEIVED: 07/18/2017 12:00PM  
SYSTEM EPA ID #: 3079000  
SAMPLE CATEGORY: Routine Sample WATER SYSTEM TYPE: Community  
SYSTEM NAME: Dracut Water Supply District  
SAMPLE AGENT #: 978-957-0441 SYSTEM TOWN: Dracut  
RECEIPT TEMP: ON ICE 11.4° CELSIUS SAMPLE LOCATION: New Boston Wells- FW  
BAR CODE:

### CLIENT JOB #

Test Description	Results	Test Units	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Turbidity*	<0.5	NTU		0.5	5 NTU	EPA 180.1	SL-NH	07/18/17 3:11PM
Calcium*	29.8	mg/L		1	No Limit	EPA 200.7	BB-NH	07/19/17 3:41PM
Hardness (calc.)	94.6	mg CaCO3/L		2	No Limit	EPA 200.7	BB-NH	07/19/17 3:41PM
Iron*	<0.01	mg/L		0.01	0.3 mg/L	EPA 200.7	BB-NH	07/19/17 3:41PM
Magnesium	4.9	mg/L		1	No Limit	EPA 200.7	BB-NH	07/19/17 3:41PM
Potassium	54.4	mg/L		1	No Limit	EPA 200.7	BB-NH	07/19/17 3:41PM
Aluminum*	0.0049	mg/L		0.001	0.2 mg/L	EPA 200.8	BB-NH	07/19/17 10:58AM
Copper*	0.0153	mg/L		0.001	1.3 mg/L	EPA 200.8	BB-NH	07/19/17 10:58AM
Manganese*	0.0304	mg/L		0.001	0.05 mg/L	EPA 200.8	BB-NH	07/19/17 10:58AM
Silver*	<0.001	mg/L		0.001	0.1 mg/L	EPA 200.8	BB-NH	07/24/17 10:21AM
Zinc*	0.0018	mg/L		0.001	5 mg/L	EPA 200.8	BB-NH	07/19/17 10:58AM
Chloride*	109	mg/L		2	250 mg/L	EPA 300.0	SL-NH	07/18/17 9:57PM
Sulfate*	19	mg/L		2	250 mg/L	EPA 300.0	SL-NH	07/18/17 9:57PM
Color	<5	CPU		5	15 CPU	SM 2120B	SL-NH	07/18/17 3:05PM
Odor	ND	T.O.N.	H	1	3 T.O.N.	SM 2150B	SL-NH	07/18/17 3:25PM
Total Alkalinity*	94	mg CaCO3/L		5	No Limit	SM 2320B	CW-NH	07/20/17 9:43AM
Total Dissolved Solids*	348	mg/L		10	500 mg/L	SM 2540C	1008	07/25/17
pH*	7.19	SU	H	N/A	6.5 - 8.5 SU	SM 4500 H B	SL-NH	07/18/17 3:25PM

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