

Richmond Water Resources Department  
**VERMONT GROUNDWATER SYSTEM #5084 DAILY TEST RESULTS**      Month      **Oct-24**

Date	Meter	gallons produced	Finished Water Entering System			Endyne FL Result
			FL Lev	Entry Point Free CL2	PH Out	On Date Sampled
Sample Location			Waterhouse Tap	Waterhouse Tap	Waterhouse Tap	From The
Target Range			0.6 - 1.0 mg/L	0.8 - 4.0 mg/L	Minimum of 7.0	0.6-1.0 mg/L
Sept. 30 #->	47,781,900					
<b>1</b>	47,845,300	63,400	0.80	0.93	7.45	
<b>2</b>	47,896,200	50,900	0.80	1.17	7.48	0.67
<b>3</b>	47,978,200	82,000	0.90	1.32	7.45	
<b>4</b>	48,016,500	38,300	0.90	1.17	7.45	
<b>5</b>	48,091,200	74,700	0.80	1.23	7.47	
<b>6</b>	48,105,200	14,000	0.90	1.24	7.52	
<b>7</b>	48,207,400	102,200	0.80	1.27	7.47	0.69
<b>8</b>	48,228,000	20,600	0.90	1.28	7.51	
<b>9</b>	48,316,200	88,200	0.80	1.38	7.52	
<b>10</b>	48,342,500	26,300	0.80	1.31	7.54	
<b>11</b>	0	-48,342,500	0.90	0.88	7.55	
<b>12</b>	0	0	0.90	1.36	7.54	
<b>13</b>	0	0	0.90	1.26	7.56	
<b>14</b>	0	0	0.80	1.67	7.55	0.77
<b>15</b>	0	0	0.80	1.52	7.58	
<b>16</b>	0	0	0.90	1.49	7.58	
<b>17</b>	0	0	0.80	1.18	7.57	
<b>18</b>	0	0	0.80	1.36	7.60	
<b>19</b>	0	0	0.90	0.94	7.60	
<b>20</b>	0	0	0.80	1.02	7.55	
<b>21</b>	0	0	0.80	1.00	7.52	
<b>22</b>	0	0	0.80	1.35	7.50	
<b>23</b>	0	0	0.70	1.36	7.50	
<b>24</b>	0	0	0.80	1.32	7.54	0.63
<b>25</b>	0	0	0.80	1.20	7.53	
<b>26</b>	0	0	0.70	1.16	7.55	
<b>27</b>	0	0	0.70	0.97	7.56	
<b>28</b>	0	0	0.70	1.06	7.58	
<b>29</b>	0	0	0.60	0.87	7.59	
<b>30</b>	0	0	0.80	0.97	7.57	
<b>31</b>	0	0	0.70	0.91	7.59	
<b>Total</b>		-47,781,900				
<b>Ave.</b>		-1,541,352	0.81	1.20	7.53	0.69
<b>Max.</b>		102,200	0.90	1.67	7.60	0.77
<b>Min</b>		-48,342,500	0.60	0.87	7.45	

See attached for information on the lack of data for gallons produced.

Vermont Monthly Operations Report For Groundwater Systems  
And Systems Purchasing Groundwater

**October**

**2024**

Name of System: Richmond Water Resources Department

WSID # : 5084      Town : Richmond

Brad Snow Operator, Phone work--> 434 - 2178 Phone home--> 316-2326

A master meter is installed and functioning which records daily production

All water quality compliance analysis results have been reported to the Water Supply Division.


See attached for production information and results of daily parameter testing.

I certify, as the owner or authorized representative of this Water System, that I have completed this form, or reviewed it if completed by another, and that I have taken the necessary steps to ensure the information shown is correct. In making this certification, I understand that civil and/or criminal penalties may be imposed for submitting false information.

Prepared by Brad Snow, Class 3 Public Water System Operator # OP05111

Signature  Date 10/31/24

Approved by Josh Arneson, Richmond Town Manager and Authorized Representative

Signature  Date 10/31/24

Notes:



Outlook

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**RE: Well house production (5084 Richmond)**

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From Hunt, Matthew <Matthew.Hunt@vermont.gov>

Date Thu 10/31/2024 7:48 AM

To Brad Snow <bsnow@richmondvt.gov>

Thanks Brad.

Also received your follow up email that delivery is expected 11/19. Please indicate on your MOR that the total production data is not available due to failed master meter, and it is expected to be replaced in Nov. I'll archive this email in the system record so we have documentation of the updated status.

Matt

**Matthew Hunt**, Class 4C Public Water System Operator | Drinking Water Community Operations Section  
Supervisor

Vermont Agency of Natural Resources | Department of Environmental Conservation

Drinking Water & Groundwater Protection Division

National Life Building, 1 National Life Drive – Davis 4 | Montpelier, VT 05602

802-505-5490 cell

<https://dec.vermont.gov/water>

*The Agency of Natural Resources supports telework, and there are times when I may be working from another office location. I am available to connect by phone and email. I am also available to connect in-person upon request.*

*Note: Written communications to and from state officials regarding state business are considered public records and may be subject to public scrutiny.*

**From:** Brad Snow <bsnow@richmondvt.gov>

**Sent:** Tuesday, October 29, 2024 9:10 AM

**To:** Hunt, Matthew <Matthew.Hunt@vermont.gov>

**Subject:** Re: Well house production (5084 Richmond)

**EXTERNAL SENDER: Do not open attachments or click on links unless you recognize and trust the sender.**

Good morning Matt,

Wanted to reach out again and let you know that we in Richmond still do not have a totalizer for our gallons production. Champlin is still in the works of getting a part for us and getting us squared away. I just wanted to keep you in the loop.

Thanks again,

Brad Snow

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**From:** Hunt, Matthew <Matthew.Hunt@vermont.gov>

**Sent:** Friday, October 11, 2024 7:37 AM

**To:** Brad Snow <bsnow@richmondvt.gov>

Cc: Stephen Cote <[scote@richmondvt.gov](mailto:scote@richmondvt.gov)>  
Subject: RE: Well house production (5084 Richmond)

Hey Brad,

Thanks for reaching out. These things happen, just put a comment in for the day(s) that data is unavailable briefly describing why, so its clear that there was a reason for the lack of data during that period.

You should leave any slots that data is unavailable BLANK instead of putting a zero or estimating usage.

Finally, if there's a meter and its just the automation which is down, you should just manually read/report the meter value (doesn't need to be exactly a 24-hour period, just as close as reasonably possible).

Thanks,  
Matt

**Matthew Hunt**, Class 4C Public Water System Operator | Drinking Water Community Operations Section  
Supervisor  
Vermont Agency of Natural Resources | Department of Environmental Conservation  
Drinking Water & Groundwater Protection Division  
National Life Building, 1 National Life Drive – Davis 4 | Montpelier, VT 05602  
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**From:** Brad Snow <[bsnow@richmondvt.gov](mailto:bsnow@richmondvt.gov)>  
**Sent:** Friday, October 11, 2024 7:25 AM  
**To:** Hunt, Matthew <[Matthew.Hunt@vermont.gov](mailto:Matthew.Hunt@vermont.gov)>  
**Cc:** Stephen Cote <[scote@richmondvt.gov](mailto:scote@richmondvt.gov)>  
**Subject:** Well house production

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Good morning Matt,

Yesterday, Richmond had Champlin Associates here at our reservoir and our well house installing a mission system so we could better monitor our system. At the start of our day, everything involved with our system was working in normal operations; when Champlin left, our water production value on our panel was no longer there. Stephen and myself are very concerned how this will affect our reporting if we do not have a value written for today, 10/11/24. Please let me know what I need to do to be in compliance. We really don't want a Champlin mistake to cause us reporting issues.

Thank you Matt,  
Brad Snow