Chloride vs Conductivity | Stiff Diagram | Piper Diagram

HYDROGEOLOGIC DATABASE
Chemical Analysis

Click HERE to View Information for Well 87W

Sample Results Color Code Legend

Sample Exceeds: None / Secondary / Primary — MCL

Owner Name: Bonnie View Water Co. Inc.
Well Key: 87W **Site Type:** Well **TRS:** 32N/01E-14M
PWS Name: Bonnie View Water **DOH PwsID:** 07700 **DOH Source #:** 1

Source	Date	Alk	As	Bicarbonate	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
USGS	8/1/1980					70	595										
DOH	7/5/1982		0.02			60	500	< 0.05	240			0.01	38	2.3		< 0.5	
DOH	12/16/1985		0.01			60	530	< 0.05	240			0.023	40	2		< 0.5	
DOH	10/2/1988		0.012			74	620	0.16	250			0.04	39	1.9		1	
DOH	12/29/1993		0.016			66.7	676	0.2	175			0.154	36	2.3		1	
DOH	12/27/1995													2			
DOH	12/3/1996		0.0122			66	642	0.208	865			0.089	35.3	2.2	19	0.76	475
DOH	12/2/1997													1.8			
DOH	12/1/1998													2.6			
DOH	10/27/1999		0.013			66	651	0.48	250			0.119	38	2.9	22	0.9	
DOH	11/29/2000													0.6			
DOH	4/24/2001													2.6			
DOH	8/15/2001													2.7			
DOH	10/31/2001													2.5			
DOH	2/12/2002													< 0.5			
DOH	5/8/2002													2.6			
DOH	7/16/2002		0.016											2.7			
DOH	11/19/2002													2.2			
DOH	5/20/2003		0.027														
DOH	7/15/2003													2.3			
DOH	8/26/2003		0.012														
DOH	11/19/2003		0.015														
DOH	8/17/2004													2.3			
DOH	3/8/2005	200			37		610										
DOH	3/8/2005	210			39		610										
DOH	3/8/2005	210			39		610										
DOH	6/7/2005	210			44	68											
DOH	6/7/2005	210			43	68											
DOH	6/7/2005	210			42	68											
DOH	8/9/2005													2.3			

Source	Date	Alk	As	Bicarbonate		Ca	Cl	Conductivity		Fe	Hardness		K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	8/15/2006																2.4			
DOH	8/28/2007																< 0.5			
DOH	10/30/2007		< 0.002																	
DOH	3/24/2008		0.011																	
DOH	5/22/2008						73	640												
DOH	6/25/2008		0.01																	
DOH	8/12/2008		0.011				72	630									2.3			
DOH	10/15/2008		0.01				66	450		0.075	260				0.032	36	2.7	22	0.3	
DOH	3/17/2009		0.009																	
DOH	4/21/2009						73	690												
DOH	6/9/2009		0.032																	
DOH	8/25/2009		0.01				74	690									2.4			
DOH	12/9/2009		0.007																	
DOH	2/18/2010		0.01																	
DOH	4/22/2010		0.005				83	680												
DOH	6/1/2010		0.007																	
DOH	8/17/2010		0.011				82	730									< 0.5			
DOH	11/11/2010		0.011																	
DOH	3/23/2011		0.011																	
DOH	5/3/2011		0.013				78	700												
DOH	5/10/2011		0.011																	
DOH	6/29/2011		0.002																	
DOH	8/30/2011		0.008				75	690									2.7			
DOH	12/20/2011		0.01																	
DOH	3/7/2012		< 0.002																	
DOH	4/19/2012		0.013				78	710												
DOH	6/28/2012		0.0098																	
DOH	7/27/2012		< 0.003																	
DOH	8/22/2012		0.0018				83	850									< 0.2			
DOH	9/11/2012		0.012																	
DOH	10/11/2012		0.013																	
DOH	11/12/2012		< 0.003																	
DOH	12/19/2012		0.0097																	
DOH	1/25/2013		0.0099																	
DOH	2/26/2013		0.012																	
DOH	3/27/2013		0.01																	

Source	Date	Alk	As	Bicarbonate		Ca	Cl	Conductivity		Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	4/16/2013		0.01				76	700											
DOH	5/14/2013		0.01																
DOH	6/27/2013		< 0.003																
DOH	7/23/2013		0.01																
DOH	8/6/2013		0.01				76	710								2.8			
DOH	1/14/2014		0.01																
DOH	2/26/2014		0.0096																
DOH	3/18/2014		0.01																
DOH	4/28/2014		0.011				78	750											
DOH	5/20/2014		0.0099																
DOH	6/17/2014		0.01																
DOH	7/22/2014		0.01																
DOH	8/26/2014		0.0099				77	720								2.7			
DOH	9/22/2014		0.012																
DOH	10/15/2014		0.01																
DOH	11/10/2014		0.01																
DOH	12/9/2014		0.0097																
DOH	1/20/2015		0.01																
DOH	2/10/2015		0.01																
DOH	3/17/2015		0.01																
DOH	4/30/2015		0.011				87	750											
DOH	5/29/2015		0.011																
DOH	6/26/2015		0.01																
DOH	7/28/2015		0.0095																
DOH	8/26/2015		0.0097				82	720								2.5			
DOH	9/30/2015		0.01																
DOH	10/22/2015		0.0095																
DOH	11/30/2015		0.0097																
DOH	12/22/2015		0.0096																
DOH	1/28/2016		0.0095																
DOH	2/26/2016		0.0102																
DOH	3/29/2016		0.0094																
DOH	4/28/2016		0.011				82	720											
DOH	5/31/2016		0.011																
DOH	6/29/2016		0.011																
DOH	7/28/2016		0.0088																

Source	Date	Bicarbonate Alk	As			Ca	Cl	Conductivity		Fe	Hardness		K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	8/22/2016		0.011							< 0.1					0.061		2.7			
DOH	8/22/2016						80	690												
DOH	9/29/2016		0.01																	
DOH	10/27/2016		0.01004																	
DOH	11/16/2016		0.0101																	
DOH	12/30/2016		0.011																	
DOH	1/17/2017		0.0095																	
DOH	2/21/2017		0.0099																	
DOH	3/28/2017		0.011																	
DOH	4/28/2017		0.01																	
DOH	4/28/2017						86	740												
DOH	5/23/2017		0.011																	
DOH	6/30/2017		0.011																	
DOH	7/18/2017		0.011																	
DOH	8/29/2017						83.5	734												
DOH	8/30/2017		0.0098				85.5	725		< 0.1	257				0.0474	43.6	2.8	< 50	0.35	467
DOH	9/26/2017		0.01																	
DOH	10/26/2017		0.0093																	
DOH	12/21/2017		0.0101																	
DOH	1/30/2018		0.0104																	
DOH	2/20/2018		0.0098																	
DOH	3/30/2018		0.0098																	
DOH	4/10/2018						102	734												
DOH	4/25/2018		0.0094																	
DOH	5/29/2018		0.0102																	
WAV	5/29/2018						83.1	768			266.9									
DOH	6/28/2018		0.0103																	
DOH	7/30/2018		0.0111																	
DOH	8/20/2018						84.5	720												
DOH	8/29/2018		0.0118														2.12			
DOH	9/24/2018		0.0106																	
DOH	10/29/2018		0.0105																	
DOH	11/29/2018		0.0098																	
DOH	12/19/2018		0.0151																	
DOH	1/28/2019		0.0114																	
DOH	2/25/2019		0.0107																	

Source	Date	Alk	As	Bicarbonate		Ca	Cl	Conductivity		Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	3/28/2019		0.0105																
DOH	4/30/2019						94.4	746											
DOH	4/30/2019		0.0099																
DOH	5/28/2019		0.0096																
DOH	6/24/2019		0.0102																
DOH	7/29/2019		0.0098																
DOH	8/28/2019						87.5	728											
DOH	8/28/2019		0.0113													2.22			
DOH	9/25/2019		0.0112																
DOH	10/29/2019		0.0106																
DOH	11/14/2019		0.0105																
DOH	11/14/2019		0.0105																
DOH	12/23/2019		0.0104																
DOH	1/30/2020		0.011																
DOH	2/25/2020		0.0101																
DOH	3/19/2020		0.01																
DOH	4/22/2020						91.9	752											
DOH	4/22/2020		0.0109																
DOH	5/27/2020		0.0108																
DOH	6/29/2020		0.0097																
DOH	7/31/2020		0.0111																
DOH	8/18/2020						92.9	753											
DOH	8/26/2020		0.0079													0.71			
DOH	9/28/2020		0.0107																
DOH	10/29/2020		0.0104																
DOH	11/30/2020		0.0113																
DOH	12/22/2020		0.011																
DOH	1/28/2021		0.0106																

Select Summary Statistics

Avg As:	0.01	Avg Cl:	77.8	Avg Hardness:	311.544	Avg NO3:	2.08
Median As:	0.0100	Median Cl:	78.0	Median Hardness:	250	Median NO3:	2.3
Max As:	0.032	Max Cl:	102.0	Max Hardness:	865	Max NO3:	2.9

Bacteria Samples (distribution): **370 sample(s)**

Disclaimer: Data presented has been collected from a variety of sources. Island County makes no guarantee as to the validity or accuracy of this data. Please report any errors to the Island County Hydrogeologist.

Generated by the Island County Hydrogeologic Database

166 records printed on 2/16/2021

Note: Items with blue frames and blue text are clickable hyperlinks to additional information / resources.

Parameter labels with a red fill color are exhibiting an increasing trend, and those with a green fill color are exhibiting a decreasing trend.