Chloride vs Conductivity | Stiff Diagram | Piper Diagram

HYDROGEOLOGIC DATABASE
Chemical Analysis

Click HERE to View Information for Well GEU

Sample Results Color Code Legend

Sample Exceeds: None / Secondary / Primary — MCL

Owner Name: Stan Johnson

Well Key: GEU **Site Type:** Well **TRS:** 29N/03E-02R

PWS Name: Cascade View Road Water System **DOH PwsID:** 28020 **DOH Source #:** 1

Source	Date	Alk	Bicarbonate	As		Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	3/10/1986			0.028			< 10	230	0.21	94			0.15	< 10	< 0.2		6	
DOH	2/28/1989			0.029			5	240	0.27	110			0.2	10	< 0.2		3.1	
DOH	5/3/1989			0.031														
DOH	12/22/1993			0.021			4.2	216	0.14	89			0.038	11	< 0.5		0.9	
DOH	9/13/1999			0.031		24	< 20	230	0.21	95		8.6	0.21	8.9	< 0.5	< 10	0.3	
DOH	8/1/2000														< 0.5			
DOH	12/12/2001														< 0.5			
DOH	8/28/2002														< 0.5			
DOH	12/2/2003			0.032			5.4	210	0.17	100			0.19	8.6	< 0.5	2.7	1.8	
DOH	11/17/2004														< 0.5			
DOH	6/28/2005														< 0.5			
DOH	12/12/2006														< 0.5			
DOH	12/31/2006			0.033			5.2	220	0.1	100			0.19	9.7		2.8	1.1	
DOH	3/28/2007			0.031														
DOH	7/24/2007			0.029			5.2	210	0.12	100			0.17	9.2	0.38	3.1	0.9	
DOH	9/18/2007			0.033														
DOH	12/27/2007			0.03														
DOH	3/26/2008			0.029											0.5			
DOH	6/25/2008			0.027														
DOH	9/24/2008			0.032														
DOH	12/30/2008			0.031														
DOH	6/24/2009			0.02														
DOH	9/16/2009			0.026					0.015				0.01					
DOH	10/28/2009			0.026											< 0.5			
DOH	12/2/2009														< 0.5			
DOH	3/24/2010			0.028														
DOH	6/16/2010			0.003														
DOH	9/28/2010			0.017											< 0.5			
DOH	12/8/2010			0.027														
DOH	3/16/2011			0.03														

Source	Date	Alk	As	Bicarbonate	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	5/25/2011		0.027														
DOH	9/21/2011		0.027														
DOH	11/29/2011		0.027											< 0.5			
DOH	3/14/2012		0.026														
DOH	6/19/2012		0.026														
DOH	9/29/2012		0.027														
DOH	11/21/2012		0.028											< 0.2			
DOH	2/19/2013		0.028														
DOH	6/19/2013		0.027														
DOH	1/22/2014		0.012														
DOH	2/19/2014		0.011														
DOH	3/6/2014		0.0096														
DOH	4/15/2014		0.01														
DOH	5/9/2014		0.01														
DOH	6/4/2014		0.0095														
DOH	7/23/2014		0.012														
DOH	8/6/2014		0.0091														
DOH	9/24/2014		0.014														
DOH	10/15/2014		0.011														
DOH	11/12/2014		0.011														
DOH	12/17/2014		0.011											< 0.2			
DOH	1/27/2015		0.01														
DOH	2/11/2015		0.01														
DOH	3/10/2015		0.01														
DOH	4/14/2015		0.011														
DOH	4/28/2015					< 20	250										
DOH	5/6/2015		0.013														
DOH	6/2/2015		0.013														
DOH	7/14/2015		0.01														
DOH	8/4/2015		0.017			< 20	210							< 0.2			
DOH	9/8/2015		0.0099														
DOH	10/20/2015		0.0084														
DOH	11/11/2015		0.0085														
DOH	3/22/2016		0.0054														
DOH	4/19/2016		0.0063														
DOH	5/24/2016		0.0044			< 20	230							< 0.2			

Source	Date	Alk	As	Bicarbonate	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	6/21/2016		0.0056														
DOH	7/26/2016		0.0068														
DOH	8/23/2016		0.0071														
DOH	9/20/2016		0.0059														
DOH	10/18/2016		0.0074														
DOH	10/28/2016					< 20	220										
DOH	11/22/2016		0.0069														
DOH	12/19/2016		0.0072														
DOH	12/29/2016		0.0073			< 20	250	< 0.1	100			< 0.01	13	< 0.2	< 50	< 0.1	
DOH	1/24/2017		0.0074					< 0.1				< 0.01					
DOH	2/21/2017		0.0075					< 0.1				< 0.01					
DOH	3/21/2017		0.0073					< 0.1				< 0.01					
DOH	4/18/2017		0.0067					< 0.1				< 0.01					
DOH	5/23/2017		0.0063					< 0.1				< 0.01					
DOH	6/6/2017		0.006					< 0.1				< 0.01					
DOH	6/26/2017		0.006					< 0.1				< 0.01					
DOH	7/24/2017		0.008					< 0.1				< 0.01					
DOH	8/23/2017		0.01					< 0.1				< 0.01					
DOH	9/21/2017		0.009					< 0.1				< 0.01					
DOH	10/26/2017		0.011					< 0.1				< 0.01					
DOH	11/21/2017		0.011					< 0.1				< 0.01					
DOH	12/19/2017		0.011					0.09				0.002		< 0.2			
DOH	1/22/2018		0.013					< 0.1				< 0.01					
DOH	2/20/2018		0.009					0.06				< 0.01					
DOH	3/22/2018		0.008					0.07				< 0.01					
DOH	4/24/2018		0.008					0.04				0.0006					
DOH	5/22/2018		0.008					0.06				0.012					
DOH	6/19/2018		0.011					< 0.1				< 0.01					
DOH	7/18/2018		0.011					0.05				0.003					
DOH	8/28/2018		0.006					0.09				0.002		0.13			
DOH	10/24/2018		0.007					< 0.1				< 0.01					
DOH	11/27/2018		0.007					0.038				< 0.01					
DOH	12/18/2018		0.01					0.1				0.001					
DOH	1/16/2019		0.007					< 0.1				< 0.01					
DOH	2/19/2019		0.008					0.04				< 0.01					
DOH	3/19/2019		0.01					< 0.1				< 0.01					

Source	Date	Alk	As	Ca	Cl	Fe	K	Mg	Mn	Na	NO3	SO4	TDS
		Bicarbonate				Conductivity	Hardness					Turbidity	
DOH	4/16/2019		0.009			< 0.1			< 0.01		< 0.5		
DOH	5/22/2019		0.009			< 0.1			< 0.01				
DOH	6/24/2019		0.01			< 0.1			< 0.01				
DOH	7/17/2019		0.012			< 0.1			< 0.01				
DOH	8/29/2019		0.01			0.04			< 0.01				
DOH	9/24/2019		0.0105			< 0.1			< 0.01				
DOH	10/23/2019		0.0105			< 0.1			< 0.01				
DOH	11/25/2019		0.01			< 0.1			< 0.01				
DOH	12/3/2019		0.0104			< 0.1			< 0.01				
DOH	1/27/2020		0.0091			< 0.1			< 0.01				
DOH	2/18/2020		0.0088			< 0.1			< 0.01				
DOH	3/17/2020		0.0079			0.006			< 0.01				
DOH	4/21/2020		0.0078			< 0.1			< 0.01				
DOH	5/19/2020		0.0092			< 0.1			< 0.01				
DOH	6/16/2020		0.0094			< 0.1			< 0.01				
DOH	7/21/2020		0.0105			< 0.1			< 0.01				
DOH	8/24/2020		0.0103			< 0.1			< 0.01		< 0.5		
DOH	9/21/2020		0.0104			< 0.1			< 0.01				
DOH	10/20/2020		0.0107			< 0.1			< 0.01				
DOH	11/24/2020		0.0099			< 0.1			< 0.01				
DOH	12/15/2020		0.0119			0.13			0.0056				
DOH	2/16/2021		0.0106			< 0.1			< 0.01				

Select Summary Statistics

Avg As:	0.0142	Avg Cl:	7.5	Avg Hardness:	98.5	Avg NO3:	0.21
Median As:	0.0103	Median Cl:	7.7	Median Hardness:	100	Median NO3:	0.25
Max As:	0.033	Max Cl:	10.0	Max Hardness:	110	Max NO3:	0.5

Bacteria Samples (distribution): **295 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

124 records printed on 3/9/2021

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.