Chloride vs Conductivity | Stiff Diagram | Piper Diagram

HYDROGEOLOGIC DATABASE
Chemical Analysis

Click HERE to View Information for Well 8AC

Sample Results Color Code Legend

Sample Exceeds: None / Secondary / Primary — MCL

Owner Name: Iliad Inc.

Well Key: 8AC **Site Type:** Well **TRS:** 30N/03E-31A

PWS Name: Parkwood **DOH PwsID:** 23191 **DOH Source #:** 1

Source	Date	Alk	Bicarbonate	As	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	4/9/1980			0.01			162	< 0.05				0.077		< 0.2		< 0.5	
DOH	2/11/1985			0.01		< 10	200	< 0.05	96			0.084	< 10	< 0.2		< 0.5	
DOH	7/23/1992			0.011		< 20	260	< 0.1	100			0.087	11	< 0.5	< 10	< 0.1	
DOH	8/4/1995			< 0.01		< 20	160	< 0.05	61			0.092	8	< 0.5	< 10	0.3	
DOH	6/29/2000			0.013	22	< 20	220	0.18	94		9.5	0.12	8.9	< 0.5	< 10	< 0.1	
DOH	12/13/2001													< 0.5			
DOH	2/20/2002													< 0.5			
DOH	8/21/2002			< 0.002		< 20	82.6	0.05	27.3			0.009	2.5	< 0.5	< 10	0.8	
DOH	9/29/2003													< 0.5			
DOH	10/28/2003													< 0.5			
DOH	9/23/2004													< 0.5			
DOH	2/24/2005			0.014													
DOH	9/26/2005													< 0.5			
DOH	6/21/2006			0.013													
DOH	9/27/2006			0.011		< 20	245	< 0.1	96.5			0.107	9.62	< 0.2	< 50	0.18	< 100
DOH	9/29/2006			0.01													
DOH	12/11/2006			< 0.003													
DOH	3/28/2007			< 0.003													
DOH	4/17/2008			0.01										< 0.2			
DOH	10/30/2008			0.013													
DOH	12/4/2008			< 0.003													
DOH	4/21/2009			< 0.003													
DOH	9/15/2009			0.0128													
DOH	12/14/2009													< 0.2			
DOH	4/8/2010			0.015										< 0.2			
DOH	6/17/2010			0.015													
DOH	9/20/2010			0.012													
DOH	12/27/2010			0.012													
DOH	3/31/2011			0.011													
DOH	4/21/2011													< 0.2			

Source	Date	Alk	As	Bicarbonate	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	6/29/2011		0.014														
DOH	10/27/2011		0.013														
DOH	12/20/2011		0.013														
DOH	2/21/2012		0.013														
DOH	6/28/2012		0.013														
DOH	9/10/2012		0.012											< 0.2			
DOH	12/20/2012		0.012														
DOH	3/19/2013		0.013														
DOH	8/20/2013		0.011											< 0.2			
DOH	3/20/2014		0.011														
DOH	6/23/2014		0.012											< 0.2			
DOH	9/24/2014		0.011														
DOH	12/11/2014		0.0026					0.13				< 0.01					
DOH	12/17/2014		0.011														
DOH	2/5/2015		0.004														
DOH	3/11/2015		0.002														
DOH	4/8/2015		0.002														
DOH	5/28/2015		0.002														
DOH	6/15/2015		0.002														
DOH	7/30/2015		< 0.003														
DOH	9/9/2015		0.002											< 0.2			
DOH	10/15/2015		0.002			14.2	251	< 0.1	95.4			< 0.01	9.8	< 0.2	9.4	0.12	
DOH	11/4/2015		0.0014														
DOH	12/22/2015		0.0124														
DOH	1/21/2016		0.006														
DOH	2/10/2016		0.002														
DOH	3/3/2016		0.002														
DOH	4/5/2016		0.002														
DOH	5/4/2016		0.002														
DOH	6/6/2016		0.0014														
DOH	8/16/2016		0.002														
DOH	9/14/2016		0.0011														
DOH	10/3/2016													< 0.2			
DOH	10/13/2016		0.002														
DOH	11/15/2016		0.002														
DOH	12/28/2016		0.001														

Source	Date	Alk	Bicarbonate	As	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	1/2/2017			0.0021													
DOH	2/9/2017			0.002													
DOH	3/1/2017			0.001													
DOH	4/6/2017			< 0.001													
DOH	5/2/2017			0.002													
DOH	6/8/2017			0.002													
DOH	7/11/2017													< 0.2			
DOH	7/12/2017			0.001													
DOH	8/24/2017			0.002													
DOH	9/20/2017			0.001													
DOH	10/19/2017			0.002													
DOH	11/2/2017			0.002													
DOH	12/14/2017			0.001													
DOH	1/9/2018			0.002													
DOH	2/14/2018			0.002													
DOH	3/5/2018			0.001													
DOH	4/12/2018			0.001													
DOH	5/10/2018			0.002													
DOH	6/5/2018			0.002													
DOH	7/25/2018			0.001										< 0.2			
DOH	8/2/2018			0.002													
DOH	9/12/2018			0.002													
DOH	10/15/2018			0.003													
DOH	11/15/2018			0.001													
DOH	12/13/2018			0.002													
DOH	1/3/2019			0.001													
DOH	2/4/2019			0.002													
DOH	3/21/2019			0.001													
DOH	4/2/2019			0.001													
DOH	5/22/2019			0.001													
DOH	6/18/2019													0.11			
DOH	6/18/2019			0.001								< 0.01		0.11			
DOH	7/2/2019			0.001													
DOH	8/14/2019			0.001													
DOH	9/4/2019			0.001													
DOH	10/2/2019			0.0015													

Source	Date	Bicarbonate Alk	As	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	11/4/2019		0.0014													
DOH	12/3/2019		0.0015													
DOH	1/29/2020		0.0017													
DOH	2/4/2020		0.0016													
DOH	3/3/2020		0.0017													
DOH	4/29/2020		0.0018													
DOH	5/27/2020		0.0017													
DOH	7/8/2020												< 0.5			
DOH	12/16/2020		0.0113													
DOH	1/12/2021		0.0119													
DOH	2/23/2021		0.0115													
DOH	3/4/2021		0.0119													

Select Summary Statistics

Avg As:	0.0052	Avg Cl:	9.9	Avg Hardness:	81.457	Avg NO3:	0.16
Median As:	0.002	Median Cl:	10.0	Median Hardness:	95.4	Median NO3:	0.1
Max As:	0.015	Max Cl:	14.2	Max Hardness:	100	Max NO3:	0.25

Bacteria Samples (distribution): **460 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

114 records printed on 3/23/2021

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.