Chloride vs Conductivity | Stiff Diagram | Piper Diagram

HYDROGEOLOGIC DATABASE
Chemical Analysis

Click HERE to View Information for Well 9YK

Sample Results Color Code Legend

Sample Exceeds: None / Secondary / Primary — MCL

Owner Name: Sunrise Point Water Co. Wellfield
Well Key: 9YK **Site Type:** Wellfield **TRS:** 31N/03E-05L

PWS Name: Sunrise Point Water Co **DOH PwsID:** 85900 **DOH Source #:** 3

Source	Date	Alk	Bicarbonate	As	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	10/28/1996	< 10		0.02	< 0.5	22.9	515	< 0.1	211		< 0.1	0.03	18.3	< 0.5	16.98	0.2	< 150
DOH	12/9/1998													< 0.5			
DOH	4/19/1999					< 20	474		213								
DOH	12/12/1999			0.021		< 20	491	< 0.1	199			< 0.01	16	< 0.5	15.9	0.8	
DOH	4/27/2000					< 20	476										
DOH	11/19/2002			0.02										0.12			
DOH	4/25/2003					< 20	444										
DOH	7/23/2004			0.028		< 20	553	0.173	220			0.475	16	< 0.5	22	1.35	
DOH	4/12/2005													< 0.5			
DOH	7/17/2006			0.027		< 20	499	0.18	186			0.391	15.6	< 2	19	0.65	
DOH	3/23/2007			0.024													
DOH	7/2/2007			0.026													
DOH	7/23/2007													0.11			
DOH	9/9/2007			0.03													
DOH	12/17/2007			0.026													
DOH	6/23/2008			0.018													
DOH	7/24/2008													0.11			
DOH	8/18/2008					< 20	514										
DOH	8/18/2008					< 20	496										
DOH	9/26/2008			0.0099													
DOH	12/31/2008			0.017													
DOH	2/23/2009			0.02													
DOH	3/16/2009			0.021													
DOH	4/6/2009			0.017													
DOH	5/4/2009			0.026													
DOH	6/8/2009			0.021													
DOH	7/6/2009			0.017													
DOH	8/4/2009			0.02										0.13			
DOH	9/21/2009			0.022													
DOH	10/14/2009			0.005													

Source	Date	Alk	Bicarbonate	As	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	11/9/2009			< 0.003													
DOH	12/7/2009			0.028													
DOH	1/7/2010			0.025													
DOH	2/3/2010			0.03													
DOH	3/1/2010			0.02													
DOH	4/5/2010			0.028													
DOH	6/7/2010			0.024													
DOH	7/13/2010			0.022										0.16			
DOH	8/9/2010			0.021													
DOH	9/21/2010			0.024													
DOH	10/4/2010			0.026													
DOH	11/1/2010			0.02													
DOH	12/6/2010			0.022													
DOH	1/11/2011			0.023													
DOH	2/22/2011			0.021													
DOH	3/14/2011			0.02													
DOH	4/11/2011			0.021													
DOH	7/26/2011													< 0.2			
DOH	8/8/2011			0.024													
DOH	11/14/2011			0.022													
DOH	1/4/2012			0.022													
DOH	4/16/2012			0.021													
DOH	7/3/2012			0.02													
DOH	8/13/2012													0.13			
DOH	10/2/2012			0.027													
DOH	1/22/2013			0.022													
DOH	4/22/2013			0.017													
DOH	7/22/2013			0.02													
DOH	1/20/2014			0.02													
DOH	4/7/2014			0.019													
DOH	7/15/2014			0.02													
DOH	11/25/2014			0.019													
DOH	12/1/2014													0.1			
DOH	2/11/2015			0.022													
DOH	4/15/2015			0.024													
DOH	8/26/2015			0.022		< 20	510	< 0.1	240			0.44	15	< 0.2	< 50	< 0.1	

Source	Date	Alk	As	Bicarbonate	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	11/18/2015		0.034														
DOH	12/9/2015		0.002					< 0.1									
DOH	12/9/2015											0.011					
DOH	12/15/2015		0.003														
DOH	1/27/2016		0.0056														
DOH	2/23/2016		0.0045														
DOH	3/28/2016		0.0058														
DOH	4/25/2016		0.018														
DOH	5/19/2016		0.004														
DOH	6/28/2016		0.0066														
DOH	7/26/2016		0.0068														
DOH	8/29/2016		0.024											< 0.2			
DOH	9/28/2016		0.024														
DOH	9/30/2016		0.0074														
DOH	10/24/2016		0.0046														
DOH	11/21/2016		0.0042														
DOH	12/20/2016		0.0062														
DOH	1/30/2017		0.005														
DOH	2/20/2017		0.0037														
DOH	3/14/2017		0.0037														
DOH	4/25/2017		0.0039														
DOH	5/30/2017		0.005														
DOH	6/20/2017		0.0044														
DOH	7/26/2017		0.004														
DOH	8/29/2017		0.0041											< 0.2			
DOH	9/25/2017		0.0044														
DOH	9/26/2017		0.0048														
DOH	10/30/2017		0.0025														
DOH	11/28/2017		0.004														
DOH	12/22/2017		0.004														
DOH	1/24/2018		0.0032														
DOH	2/27/2018		0.0029														
DOH	3/27/2018		0.0056														
DOH	4/25/2018		0.0032														
DOH	5/29/2018		0.0038														
DOH	6/26/2018		0.0065														

Source	Date	Alk	As	Bicarbonate	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	7/24/2018		0.0111														
DOH	8/30/2018		0.0056									0.0292		< 0.2			
DOH	9/24/2018		0.0042														
DOH	10/29/2018		0.0034														
DOH	11/26/2018		0.0032														
DOH	12/20/2018		0.0028														
DOH	1/29/2019		0.0044														
DOH	2/25/2019		0.0035														
DOH	3/26/2019		0.0037														
DOH	4/29/2019		0.0046														
DOH	5/21/2019		0.0047														
DOH	6/28/2019		0.006														
DOH	7/23/2019		0.0049														
DOH	8/26/2019		0.0035											< 0.5			
DOH	9/26/2019		0.005														
DOH	10/28/2019		0.0055														
DOH	11/25/2019		0.0046														
DOH	12/16/2019		0.0032														
DOH	1/27/2020		0.0038														
DOH	2/24/2020		0.0037														
DOH	3/23/2020		0.0028														
DOH	4/28/2020		0.0044														
DOH	5/26/2020		0.0043														
DOH	6/25/2020		0.0046														
DOH	7/27/2020		0.0044														
DOH	8/31/2020		0.0081											< 0.5			
DOH	9/30/2020		0.0051														
DOH	10/27/2020		0.0039														
DOH	11/23/2020		0.0038														
DOH	12/21/2020		0.0037														
DOH	1/25/2021		0.003														
DOH	2/23/2021		0.003														

Source	Date	Bicarbonate Alk	As	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
Select Summary Statistics		Avg As:	0.0127	Avg Cl:	11.3	Avg Hardness:	211.5					Avg NO3:	0.21			
		Median As:	0.0066	Median Cl:	10.0	Median Hardness:	212					Median NO3:	0.13			
		Max As:	0.034	Max Cl:	22.9	Max Hardness:	240					Max NO3:	1			

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

134 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.