Chloride vs Conductivity | Stiff Diagram | Piper Diagram

HYDROGEOLOGIC DATABASE
Chemical Analysis

Click HERE to View Information for Well 939

Sample Results Color Code Legend

Sample Exceeds: None / Secondary / Primary — MCL

Owner Name: Saratoga Water District
Well Key: 939 **Site Type:** Well **TRS:** 30N/03E-19B
PWS Name: Saratoga Water District **DOH PwsID:** 76300 **DOH Source #:** 3

Source	Date	Alk	As	Bicarbonate	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	12/23/1993													< 0.5			
DOE	8/30/1994					13											
DOH	4/11/1995					11	320							< 0.5			
DOH	8/15/1995					12	340										
DOH	12/26/1995		0.025			12	281	0.2	93			0.216	11	< 0.5	3	1.3	
DOH	4/16/1996					24	360										
DOH	8/20/1996					32.7	295							< 0.5			
DOE	4/23/1997					11											
DOH	8/13/1997					12	282							< 0.5			
DOH	12/2/1997													< 0.5			
DOH	4/7/1998					10	300										
DOH	8/11/1998					11.5	310										
DOH	4/13/1999					12	286										
DOH	8/3/1999					12	291										
DOH	4/17/2000					11	289										
DOH	8/25/2000					14	289										
DOH	4/13/2001					14	290										
2514	10/5/2001	131	0.023		16.9	12	362		81.8	2.7	9.62		8.2	0.086	4		
DOH	4/22/2003					11	280										
DOH	5/21/2003		0.02														
DOH	8/12/2003		0.019			12	290							< 0.5			
DOH	11/19/2003		0.024														
DOH	4/20/2004					12	300										
DOH	4/21/2004		0.021			12	290	0.29	118			0.17	10	< 0.5	3.5	1.8	
DOH	8/18/2004					12	280										
DOH	4/20/2005					12	270										
DOH	8/23/2005					12	290							< 0.5			
DOH	4/17/2006					12	270										
DOH	4/26/2006		0.025			12	290	0.17	120			0.13	10	< 0.5	3.4	0.9	
DOH	6/21/2006		0.025														

Source	Date	Alk	As	Bicarbonate	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	8/16/2006					12	260							< 0.5			
DOH	9/13/2006		0.027														
DOH	12/19/2006		0.024														
DOH	3/27/2007		0.022														
DOH	4/18/2007					11	270										
DOH	6/19/2007		0.024														
DOH	8/21/2007					12	280							< 0.5			
DOH	9/11/2007		0.027														
DOH	12/4/2007		0.022														
DOH	3/26/2008		0.024														
DOH	4/23/2008					12	190										
DOH	6/23/2008		0.022														
DOH	8/19/2008					13	270							< 0.5			
DOH	9/15/2008		0.026														
DOH	12/9/2008		0.025														
DOH	3/24/2009		0.024														
DOH	4/22/2009					11	280										
DOH	6/10/2009		0.023														
DOH	8/19/2009		0.025			11	290							< 0.5			
DOH	12/9/2009		0.023														
DOH	2/23/2010		0.012														
DOH	3/26/2010		0.011														
DOH	4/26/2010		0.013			24	310										
DOH	5/19/2010		0.008														
DOH	6/23/2010		0.006			23	310	0.43	130			0.039	13	< 0.05	3.5	0.43	
DOH	7/28/2010		0.006														
DOH	9/1/2010		0.006			22	320										
DOH	9/8/2010		0.005														
DOH	10/25/2010		0.006														
DOH	11/16/2010		0.007														
DOH	12/14/2010		0.007														
DOH	1/19/2011		0.008														
DOH	2/22/2011		0.007														
DOH	3/21/2011		0.007														
DOH	4/22/2011		0.006			21	280										
DOH	5/31/2011		0.008														

Source	Date	Alk	As	Bicarbonate	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	6/20/2011		0.008														
DOH	7/27/2011		0.007														
DOH	8/23/2011		0.006			23	320							< 0.5			
DOH	9/19/2011		0.006														
DOH	10/3/2011		0.006														
DOH	12/13/2011		0.006														
DOH	1/30/2012		0.007														
DOH	2/28/2012		0.006														
DOH	3/20/2012		0.0067														
DOH	4/16/2012		0.0063			21	310										
DOH	5/29/2012		0.0059														
DOH	6/25/2012		0.011														
DOH	7/23/2012		0.007														
DOH	8/14/2012		0.0067			21	310							< 0.2			
DOH	9/7/2012		0.0084														
DOH	10/1/2012		0.0064														
DOH	11/6/2012		0.0073														
DOH	12/11/2012		0.0072														
DOH	1/23/2013		0.0073														
DOH	2/26/2013		0.0079														
DOH	3/27/2013		0.0087														
DOH	4/22/2013		0.0097			< 20	300										
DOH	5/22/2013		0.0082														
DOH	6/25/2013		0.009														
DOH	7/29/2013		0.0093														
DOH	1/29/2014		0.009														
DOH	2/24/2014		0.0086														
DOH	3/18/2014		0.0086														
DOH	4/16/2014		0.0096			< 20	270										
DOH	5/28/2014		0.013														
DOH	6/16/2014		0.013														
DOH	7/21/2014		0.012														
DOH	8/19/2014		0.0094			< 20	300							< 0.2			
DOH	9/22/2014		0.0079														
DOH	10/24/2014		0.0065														
DOH	11/24/2014		0.0082														

Source	Date	Alk	As	Bicarbonate	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	12/23/2014		0.0079														
DOH	1/26/2015		0.0078														
DOH	2/11/2015		0.0078														
DOH	3/27/2015		0.013														
DOH	4/22/2015		0.011			< 20	290										
DOH	5/4/2015		0.0096														
DOH	5/27/2015		0.0071														
DOH	6/15/2015		0.012														
DOH	7/17/2015		0.0066														
DOH	8/25/2015		0.0079			< 20	300							< 0.2			
DOH	9/30/2015		0.0079														
DOH	10/20/2015		0.0066														
DOH	11/9/2015		0.0077														
DOH	12/9/2015		0.0078														
DOH	1/20/2016		0.0084														
DOH	2/15/2016		0.0093														
DOH	3/21/2016		0.0095														
DOH	4/22/2016		0.013														
DOH	4/22/2016					< 20	270										
DOH	5/25/2016		0.0101														
DOH	6/20/2016		0.009														
DOH	7/25/2016		0.008														
DOH	8/29/2016					< 20	280										
DOH	8/29/2016		0.0084									< 0.01		< 0.2			
DOH	9/19/2016		0.0069														
DOH	10/17/2016		0.0082														
DOH	11/14/2016		0.009														
DOH	12/19/2016		0.0088														
DOH	1/24/2017		0.0085														
DOH	2/20/2017		0.0096														
DOH	3/13/2017		0.0096														
DOH	4/24/2017		0.0093														
DOH	4/24/2017					21	330										
DOH	5/15/2017		0.0086														
DOH	6/19/2017		0.0092														
DOH	7/24/2017		0.007														

Source	Date	Alk	As	Bicarbonate	Ca	Cl	Conductivity	Fe	Hardness	K	Mg	Mn	Na	NO3	SO4	Turbidity	TDS
DOH	8/23/2017					< 20	296										
DOH	8/28/2017		0.0087											< 0.2			
DOH	9/25/2017		0.0086														
DOH	10/23/2017		0.0102														
DOH	11/27/2017		0.0098														
DOH	12/18/2017		0.0143														
DOH	1/29/2018		0.0115														
DOH	2/19/2018		0.0089														
DOH	3/19/2018		0.0072														
DOH	4/10/2018					< 20	278										
DOH	8/30/2018					< 20	283										
DOH	9/28/2018		0.0077														
DOH	4/22/2019					< 20	285										
DOH	8/21/2019					< 20	292										
DOH	4/27/2020					< 20	285										
DOH	8/24/2020					< 20	284										

Select Summary Statistics									
	Avg As:	0.011	Avg Cl:	13.5	Avg Hardness:	108.56	Avg NO3:	0.20
	Median As:	0.0086	Median Cl:	12.0	Median Hardness:	118	Median NO3:	0.25
	Max As:	0.027	Max Cl:	32.7	Max Hardness:	130	Max NO3:	0.25

Bacteria Samples (distribution): **383 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

154 records printed on 9/29/2020

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.