

Table MU1 4-12 MU1 Monitor Well UCLs

Well Group or Well ¹	Alkalinity as CaCO ₃ (mg/L)			Chloride (mg/L)			Specific Conductance (µmhos/cm)		
	Mean	Standard Deviation	UCL	Mean	Standard Deviation	UCL ²	Mean	Standard Deviation	UCL
M Wells									
All wells	110.09	16.65	193.33	5.44	1.06	20.44	557.65	110.93	1,112.30
MO Wells									
All wells ³	101.21	16.17	182.05	6.36	1.49	21.36	486.14	87.11	921.69
MU Wells									
All wells ⁴	81.87	24.83	206.01	6.25	2.49	21.25	432.13	45.36	658.94

¹ See **Attachment MU1 4-1** for the sampling results of each well.

² Per WDEQ-LQD Guideline 4 (2000), the UCL was calculated by adding five standard deviations to each mean chloride concentration or by adding 15 mg/L to each mean chloride concentration, whichever was larger.

³ The first two alkalinity values of well MO-112 were outside the tolerance intervals, but were not considered outliers; therefore, they are included in these calculations.

⁴ The first chloride value for well MU-113 was outside the tolerance interval and considered to be an outlier; therefore, it is not included in these calculations.