

**Attachment 3**

**Final Status Survey Final Report Volume 6, Chapter 2  
Groundwater Monitoring Results During Remediation  
(HDP-RPT-FSS-502)**

471 Total Pages

**Westinghouse Electric Company LLC, Hematite Decommissioning Project**

**Docket No. 070-00036**



## Final Status Survey Report

### Hematite Decommissioning Project

#### Final Status Survey Final Report Volume 6, Chapter 2

**TITLE:** Groundwater Monitoring Results During Remediation

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## LIST OF ACRONYMS AND SYMBOLS

COC	Constituent of Concern
DP	Hematite Decommissioning Plan
FSSFR	Final Status Survey Final Report
HDP	Hematite Decommissioning Project
HSU	Hydrostratigraphic Unit
IGMP	Interim Groundwater Monitoring Plan
LSA	Land Survey Area
$\mu\text{Ci/L}$	microcuries per liter
MCL	Maximum Contaminant Level
mrem/yr	millirem per year
NRC	U.S. Nuclear Regulatory Commission
$\text{pCi/L}$	picocuries per liter
RAI	Request for Additional Information
ROC	Radionuclides of Concern
Tc	Technetium
U	Uranium
VOC	Volatile Organic Carbons

## 1.0 INTRODUCTION

The purpose of this document, Final Status Survey Final Report (FSSFR) Volume 6, Chapter 2, *Groundwater Monitoring Results During Remediation*, is to provide radiological groundwater sampling results from the monitoring that was conducted for the Hematite Decommissioning Project (HDP) during the investigation and remediation process.

This chapter provides individual groundwater sampling data from monitoring wells, including a comparison to the regulatory guidelines, historic results, and trending for the period prior to and up to the completion of remediation. The data provided in this chapter supports the determination that, although the leachate within the former Burial Pit Area and former Process Building Area was impacted with radiological contaminants, the remediation activities within those impacted areas removed the impacted material and did not have an adverse effect on the groundwater within the Sand/Gravel hydrostratigraphic unit (HSU), the Jefferson City Cotter HSU, or the Roubidoux HSUs.

## 2.0 BACKGROUND

FSSFR Volume 6, Chapter 1, provides the basis for post-remediation groundwater monitoring, the objectives of post-remediation groundwater monitoring, and the summary of data collected. Westinghouse indicated in FSSFR Volume 6, Chapter 1 that “...*monitoring would be discontinued when it could be determined that the radioactivity concentrations did not pose an unacceptable potential for dose*” and “...*at the completion of the fourth quarter of post-remediation monitoring, an evaluation of the groundwater sample data will be performed to determine if the concentrations are stable, or are showing an increasing or decreasing trend as compared to historical data (2009 – 2015).*”

FSSFR Volume 6, Chapter 1 also provided that “*As there are no previous sample analysis results with indication of radionuclide contamination in the groundwater (Jefferson City Cotter HSU, and the Roubidoux HSUs) exceeding MCLs or a dose limit of 4 mrem/year, the purpose of post-remediation sampling is to verify that remediation of the source area had not contributed radionuclide contamination to the groundwater.*”

The data provided in this chapter is intended to support the conclusion that remediation activities at HDP did not impact groundwater (Jefferson City Cotter HSU, and the Roubidoux HSUs).

## 3.0 GROUNDWATER MONITORING DURING REMEDIATION

As discussed in FSSFR Volume 6, Chapter 1, Westinghouse committed to a groundwater sampling program in Revision 0 of the Decommissioning Plan (DP). Prior to the approval of the DP, groundwater samples were routinely collected from the various HSUs as part of the Interim Groundwater Monitoring Program (IGMP).

The purpose of the IGMP, which has been implemented continuously from June, 2007, to the present, is to provide continuing groundwater data for evaluation of potential temporal or seasonal changes in concentrations and migration pathways for constituents of concern (COC). Although the primary regulatory agency for the IGMP is the Missouri Department of Natural

Resources (MDNR), and the focus is chemical contamination, radiological parameters, including gross alpha, gross beta, isotopic uranium, and technetium-99 were analyzed as part of the program.

With the approval of the DP the IGMP continued to be utilized as the program to conduct groundwater monitoring. Groundwater monitoring wells were added to or removed from the IGMP as necessary to support groundwater monitoring as provided in the DP and other NRC commitments, and to support the ongoing remediation of the site.

### **3.1 Silty Clay Aquitard (Leachate) and Sand/Gravel (Hybrid) Wells**

As described in Volume 6, Chapter 1, the groundwater underlying the HDP can be described in terms of four HSUs (Silty Clay Aquitard, Sand/Gravel, Jefferson City-Cotter Bedrock, and Roubidoux Bedrock). The water within the Silty Clay Aquitard is described as leachate, as it is entrained within the pore space of the clay and is not viable as a sustainable water supply for the purposes of drinking water, irrigation, or industrial use.

The distinction between leachate, which is water contained within the pore space of the silty clay aquitard, and groundwater, which is within the lower Sand/Gravel HSU, was important in assessing the extent of necessary remedial actions to address groundwater contamination and for post-remediation groundwater monitoring. While initial groundwater monitoring at the Site concluded there was no radiological contamination in “groundwater” (Reference 8.5), some subsequent sampling results indicated there could be Tc-99 in the Sand/Gravel HSU. This uncertainty was eventually determined to be the result of the installation of wells with screens that crossed over between the silty clay aquitard and the Sand/Gravel HSU (hybrid wells). Contamination from a water sample collected from a hybrid well ending in the Sand/Gravel HSU was in all probability pulling the contamination from the Silty Clay Aquitard. This was based on the fact that nearby non-hybrid wells pulling water from only the Sand/Gravel HSU were not showing similar levels of contamination. Since it could not be determined with certainty from which HSU a contaminant originated when obtained from a hybrid well, these wells were eventually abandoned.

The water samples collected from the leachate and hybrid wells were the only water samples that exceeded regulatory guidelines. During soil excavation the contaminated “leachate” entrained in the soil was removed as the soil was excavated. In addition, any leachate water that potentially entered the excavation pit was collected and treated for radionuclides by the Water Treatment System (WTS) prior to its release in accordance with the effluent discharge requirements.

Wells that contained screens that crossed both the silty clay overburden and the sand/gravel unit below (i.e., hybrid wells) were also removed either prior to or during the remediation. Groundwater monitoring data for Technetium-99 and Isotopic Uranium from these leachate and hybrid wells are shown in Appendix A.

### **3.2 Groundwater Monitoring Wells Removed During Remediation**

Remediation of the HDP began in spring, 2012. Sampling conducted during this timeframe began under the IGMP Revision 3 document. Impending remedial activities within the Central

Tract area necessitated the abandonment of one monitoring well, GW-T, in May, 2013. An eroding bank at Joachim Creek required the abandonment and relocation of three (3) monitoring wells, BR-03-OB, BR-03-JC, and BR-03-RB, which were replaced with BR-03R-OB, BR-03R-JC, and BR-03R-RB.

Further remedial activities within the Central Tract area necessitated the abandonment of six additional monitoring wells (GW-AA, GW-D, GW-S, GW-U and GW-Z and Remaining Site Well WS-07). The wells were abandoned in November, 2013, and January, 2014.

Other wells removed during the remedial actions were MW-100 and MW-101, which were sand/gravel wells in the vicinity of the former process buildings. These wells were removed due to their proximity to the process building soil removal area and the VOC area excavations.

None of the wells removed during the remedial actions had results indicating ROCs above the regulatory guidelines. Groundwater monitoring data for Technetium-99 and Isotopic Uranium from the wells that were removed to support the remedial actions are contained in Appendix B.

### **3.3 Existing Wells Not Included in the Post-Radiological Remediation Sampling Program**

It is to be noted that the IGMP, which was primarily implemented to monitor the Volatile Organic Compound plumes within the groundwater at the site, includes many wells that are not part of the post-radiological remediation groundwater monitoring. These wells are further from the contaminant source areas (i.e., the former Burial Pit Area, former Evaporation Ponds location, and the former Process Building Area), and well beyond the potential migration of ROCs. Post-radiological remediation groundwater monitoring, as approved in the DP and subsequent RAIs, focuses on wells immediately down-gradient from source areas where ROC, if present, would be at the highest concentrations. However, to provide early indication of an unanticipated event that might occur during remediation and cause the release and migration of ROCs, the IGMP wells not designated as post-remediation monitoring wells were monitored for Technetium-99 and isotopic uranium during active remediation.

## **4.0 SAMPLE RESULTS**

### **4.1 Jefferson City Cotter and Roubidoux HSUs Data Set**

The IGMP wells which monitor the Jefferson City Cotter and Roubidoux HSUs were sampled quarterly from June, 2007, through the completion of excavation activities, which occurred in June, 2015. The data set is provided in Attachment 1, *Jefferson City Cotter and Roubidoux Data Set*. Graphs, showing the regulatory limit and sampling results, as well as the Mann-Kendall trending graphs for the wells are contained in Attachment 4.

A review of the data set indicates that none of the monitoring well sampling results for any radiological constituent approached or was near the Maximum Contaminant Level (MCL). The maximum Tc-99 detection was 48.9 pCi/l from BR-01-JC, the maximum U-233/234 was 12.5

pCi/L from BR-12-RB, the maximum U-235/236 was 0.264 from BR-03R-JC, and the maximum U-238 was 2.04 pCi/L from BR-17-JC.

#### **4.2 Sand/Gravel HSU Data Set**

The IGMP wells which monitor the Sand/Gravel HSU were sampled quarterly from June, 2007, through the completion of excavation activities, which occurred in June, 2015. The data set is provided in Attachment 2, *Sand/Gravel HSU Data Set*. Graphs, showing the regulatory limit and sampling results, as well as the Mann-Kendall trending graphs for the wells are contained in Attachment 4.

A review of the data set indicates that none of the monitoring well sampling results for any radiological constituent approached or was near the MCL. The maximum Tc-99 detection was 157 pCi/l from GW-X, the maximum U-333/234 was 6.78 pCi/L from BR-06-OB, the maximum U-235/236 was 0.44 pCi/L and was also from BR-06-OB, and the maximum U-238 was 3.105 pCi/L from BR-03-OB.

#### **4.3 Silty Clay Aquitard HSU Data Set**

The IGMP wells which monitor the *Silty Clay* Aquitard HSU were sampled quarterly from June, 2007, through the completion of excavation activities, which occurred in June, 2015. During the remedial actions, many of the silty clay aquitard wells were removed, as discussed in Chapter 1. The data set for these wells is provided in Attachment 3, *Silty/Clay HSU Data Set*.

A review of the data set indicates that water from the leachate zones, as described in Chapter 1 of this Volume did contain elevated levels of the ROC (exceeding the regulatory standards), but that the ROCs were not migrating into the underlying groundwater. The maximum Tc-99 detection was 35,200 pCi/l from BD-02, which was a leachate well within the process building footprint, where soil was excavated during the remedial actions. The maximum U-333/234 was 7,900 pCi/L and the maximum U-235/236 was 419 pCi/L, both from burial pit well 7A, where the soil was excavated during remedial actions. The maximum U-238 was 713.2 pCi/L from Burial Pit well WS-15, where the soil was excavated during remedial actions.

### **5.0 CONCLUSION**

With the exception of contamination within the leachate, which is not usable groundwater and which was also removed with the soil during remediation, there were no indications of ROCs above the MCLs. Through the sampling that was conducted prior to and during the remediation, the data demonstrates that ROCs were not present in the groundwater above MCLs, which is an indication that the remedial activities did not impact groundwater.

Hematite Decommissioning Project	FSSFR Volume 6, Chapter 2: <i>Groundwater Monitoring Results During Remediation</i>	
	Revision: 0	Page 5 of 471
<b>6.0 REFERENCES</b>		
<b>6.1</b>	DO-08-004, Hematite Decommissioning Plan (DP). {ML092330123}	
<b>6.2</b>	NRC letter to Westinghouse, "U.S. Nuclear Regulatory Commission Approval of: (1) Westinghouse Hematite Decommissioning Plan, (2) Revised License Application, (3) Exemption from the Requirements of 10 CFR 70.24 and 70.22(a)(4), and Issuance of Hematite License Amendment 57," October 13, 2011. {ML112101699}	
<b>6.3</b>	License SNM-33 Amendment 57. {ML112101640}	
<b>6.4</b>	Hematite Decommissioning Plan Safety Evaluation Report. {ML112101630}	
<b>6.5</b>	EO-05-002, Science Applications International Corporation (SAIC) Report, "Remedial Investigation Report for the Westinghouse Hematite Site," January 2007.	
<b>6.6</b>	EO-09-003, SAIC Report, "Supplemental Analysis of Hydrogeologic Conditions in Overburden at Westinghouse Hematite Facility, Hematite, Missouri," Revision 0, July 2009.	
<b>6.7</b>	EO-09-002, SAIC Report, "Radionuclide Activity in Bedrock Groundwater at Westinghouse Hematite Facility, Hematite, Missouri," Revision 0, July 2009.	
<b>6.8</b>	EO-06-003, SAIC Report, "Interim Groundwater Monitoring Plan."	

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**Attachment 1**

**Groundwater Monitoring Results**

**Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-01-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/28/2007	48.9	0	6.56	2.794	0	0.1212	0.01975	0	0.09806	0.6163	0	0.07933
9/18/2007	-1.23	0	5.47	3.216	0	0.1164	0.04276	0	0.03153	0.4634	0	0.184
12/4/2007	-0.384	3.14	5.18	3.942	0.5773	0.1134	0.1476	0.1105	0.05299	1.527	0.3368	0.1485
3/6/2008	-1.41	0	8	2.334	0.3331	0.09945	-0.0042	0	0.03	0.3186	0.1171	0.06511
6/24/2008	-1.97	0	5.22	3.5	0	0.04	0.02	0.033	0.04	0.97	0	0.06
9/15/2008	0.4	1.8	3	3.38	0.47	0	0.003	0.027	0	0.59	0	0.05
12/8/2008	2.4	2.2	4	3.95	0.61	0	0.083	0.083	0	0.62	0	0.08
3/24/2009	-0.82	0	2	3.7	0.56	0	0.23	0.13	0	0.54	0	0.04
6/26/2009	0.8	1.8	3.5	2.57	0.54	0.17	0.02	0.033	0.13	0.2	0	0.16
10/5/2009	-0.3	1.2	2	0.014	0.041	0.084	0.008	0.029	0.07	-0.013	0.016	0.076
12/9/2009	0.3	2.1	3.5	2.27	0.33	0.07	0.03	0.035	0.027	0.4	0.12	0.06
3/29/2010	0.14	0.95	1.6	1.91	0.38	0.12	0.073	0.079	0.088	0.25	0.13	0.04
6/22/2010	0.11	0.88	1.5	1.96	0.32	0.08	0.007	0.026	0.063	0.131	0.074	0.051
9/21/2010	-0.21	0.93	1.6	1.89	0.39	0.08	0.042	0.06	0.057	0.36	0.16	0.1
12/15/2010	0.21	0.95	1.6	2.23	0.45	0.08	0.046	0.065	0.062	0.31	0.15	0.08

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

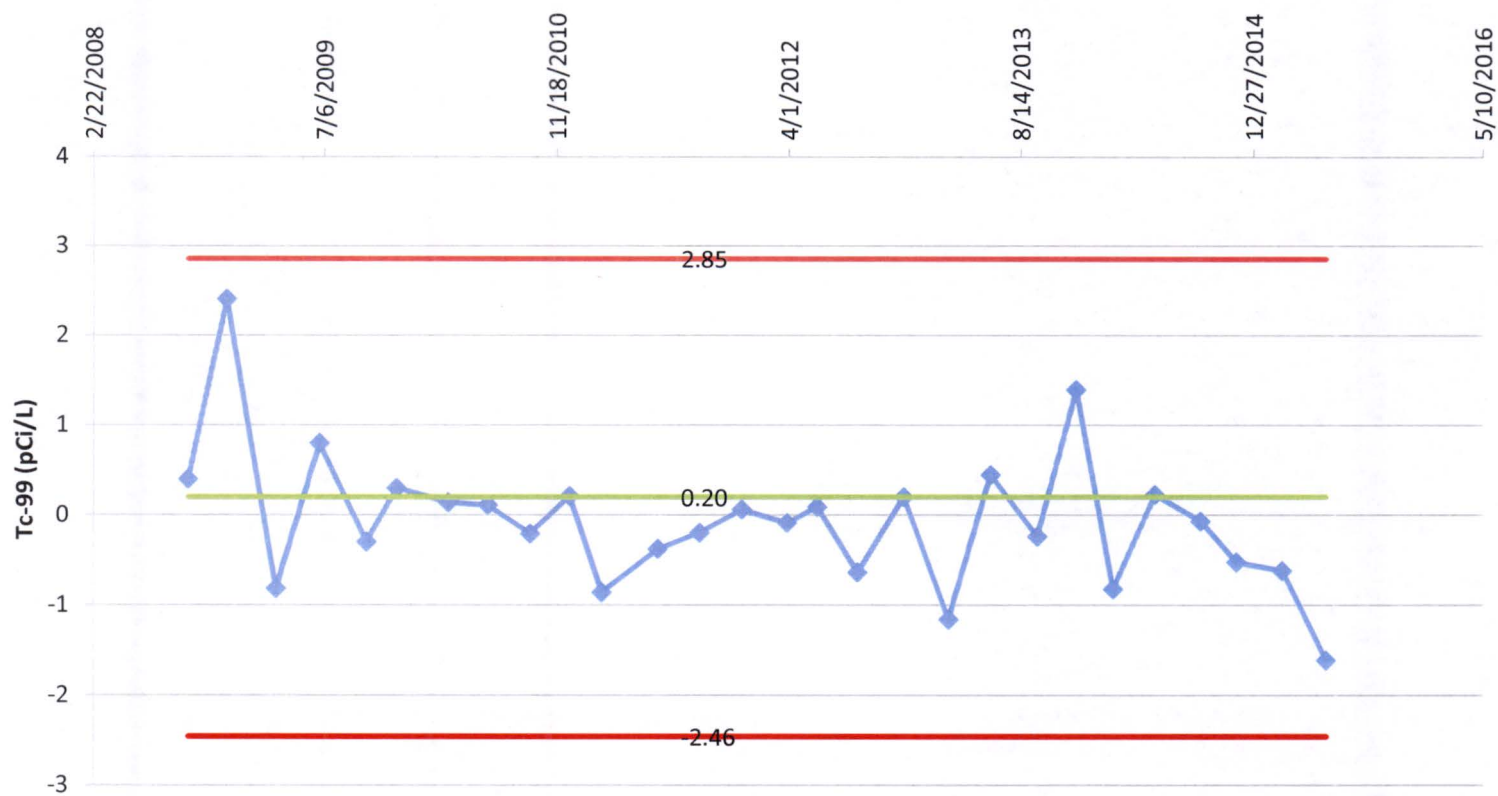
Well ID BR-01-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
2/22/2011	-0.86	0.97	1.7	2.76	0.48	0.1	0.04	0.057	0.055	0.58	0.2	0.09
6/23/2011	-0.38	0.93	1.6	2.74	0.48	0.04	0.118	0.097	0.053	0.34	0.15	0.07
9/21/2011	-0.2	1	1.7	2.74	0.47	0.1	0.014	0.039	0.085	0.49	0.18	0.07
12/21/2011	0.06	1.1	1.9	2.15	0.4	0.07	-0.0045	0.009	0.081	0.144	0.092	0.039
3/28/2012	-0.09	1	1.7	2.49	0.38	0.03	0.007	0.027	0.065	0.37	0.13	0.03
6/1/2012	0.09	0.95	1.6	2.98	0.43	0.03	0.013	0.025	0.034	0.43	0.14	0.03
8/27/2012	-0.64	0.99	1.7	2.51	0.37	0.06	0.004	0.038	0.09	0.35	0.12	0.08
12/5/2012	0.2	1.1	1.8	1.62	0.29	0.06	0	0.01	0.034	0.26	0.11	0.07
3/11/2013	-1.16	1.08	1.92	1.94	0.325	0.0978	0.0617	0.0554	0.0334	0.263	0.106	0.0518
6/10/2013	0.448	1.26	2.11	2.3	0.726	0.0902	0.00736	0.0547	0.066	0.412	0.273	0.0716
9/18/2013	-0.242	1.27	2.18	2.48	0.511	0.184	0.0383	0.0774	0.152	0.362	0.191	0.174
12/11/2013	1.39	1.41	2.31	1.84	0.325	0.0939	0.027	0.0383	0.0405	0.294	0.118	0.0712
2/28/2014	-0.824	1.19	2.07	2.03	0.35	0.098	0.00235	0.0327	0.0926	0.328	0.125	0.0339
5/29/2014	0.226	1.39	2.33	1.92	0.32	0.0943	0.0212	0.0455	0.0894	0.264	0.106	0.0639
9/4/2014	-0.071	1.2	2.04	1.88	0.327	0.0867	0.0156	0.0411	0.0881	0.301	0.116	0.0322

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

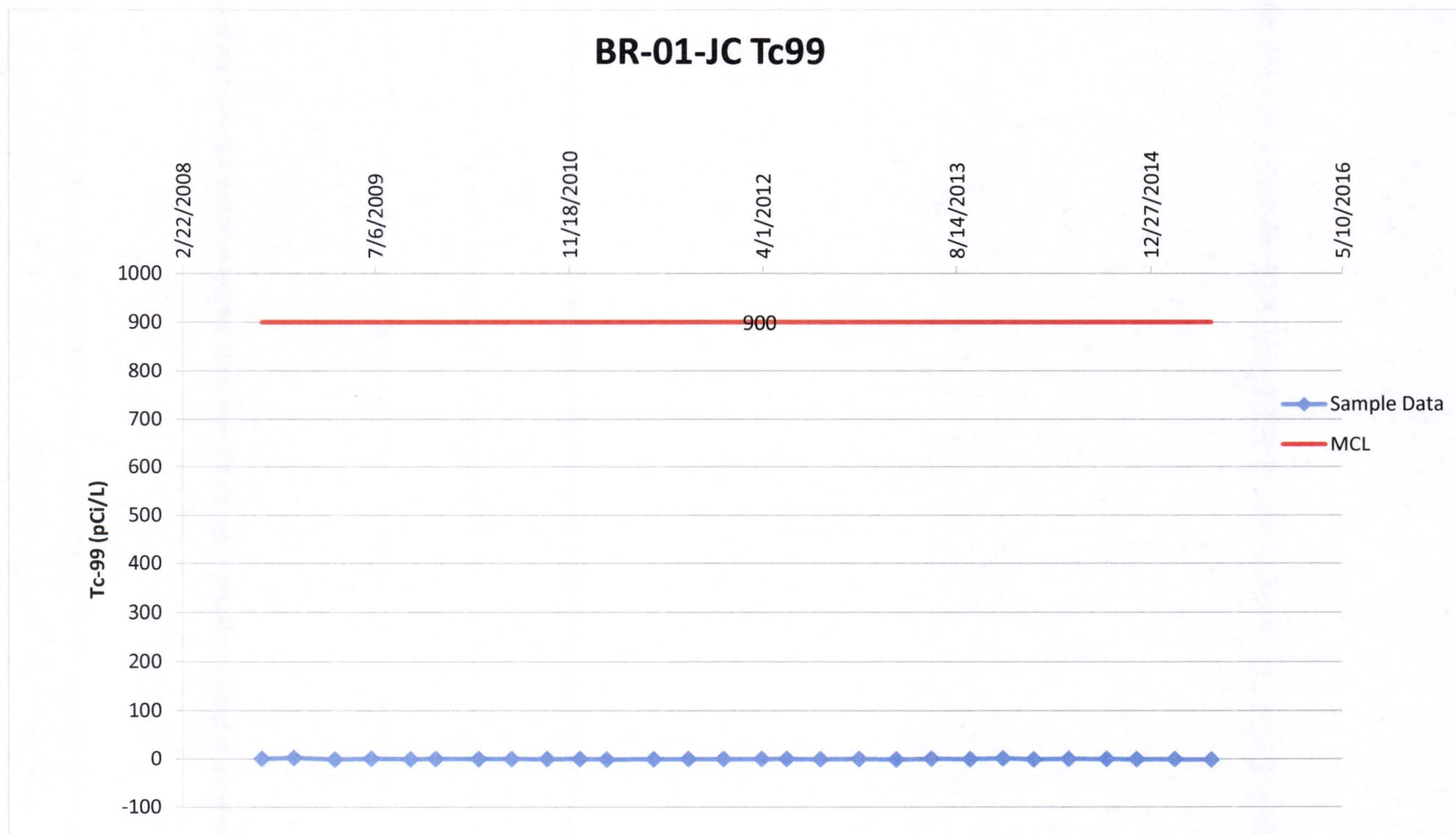
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Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
11/20/2014	-0.526	1.26	2.17	1.78	0.31	0.0755	0.0127	0.0255	0.0382	0.255	0.104	0.0306
2/27/2015	-0.621	1.24	2.14	1.47	0.198	0.0308	0.0251	0.0225	0.015	0.173	0.0558	0.0308
6/2/2015	-1.61	1.27	2.24	1.5	0.242	0.0449	0.0619	0.0471	0.0265	0.286	0.0944	0.0448

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-01-JC Tc99**

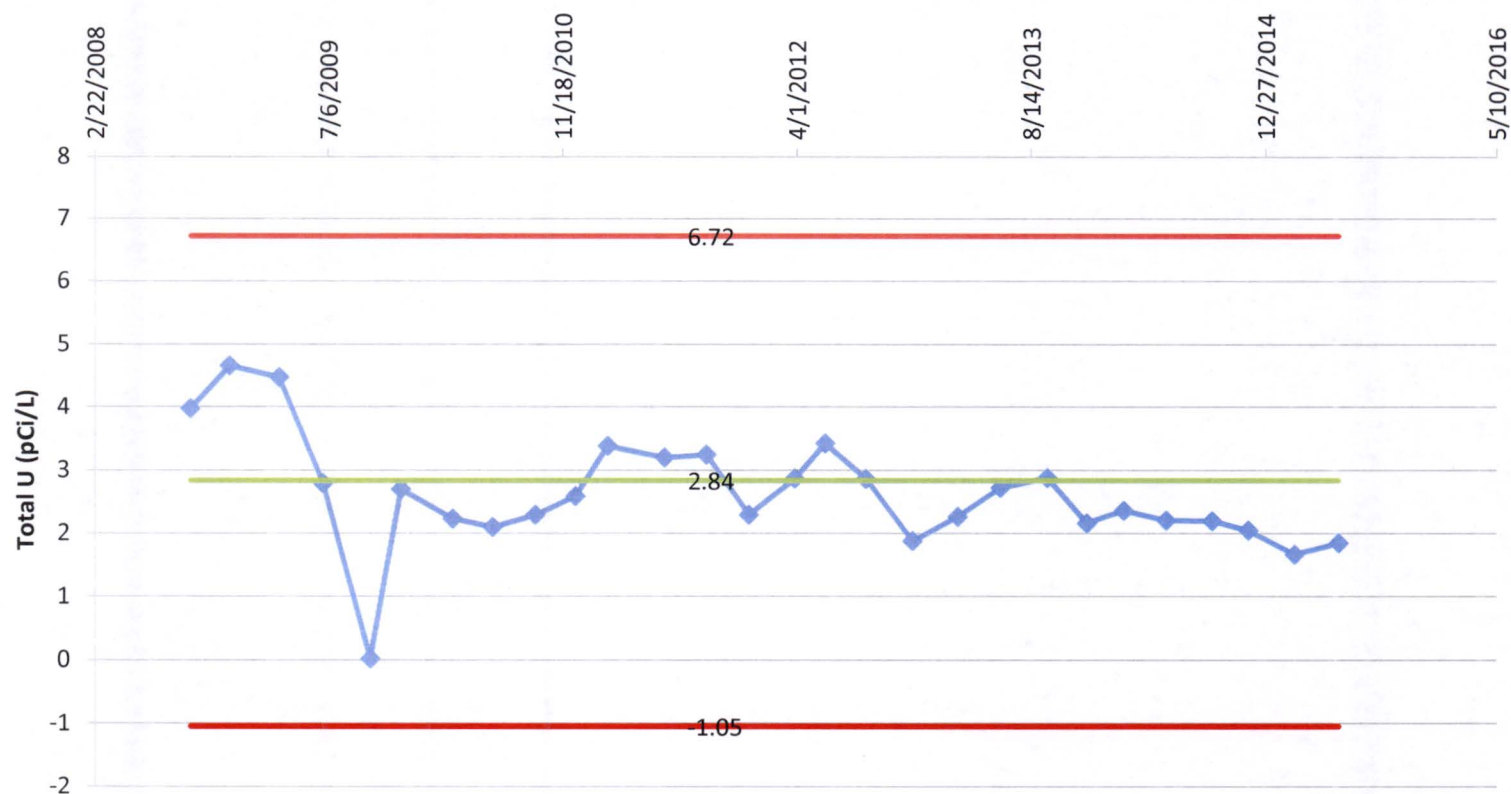


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



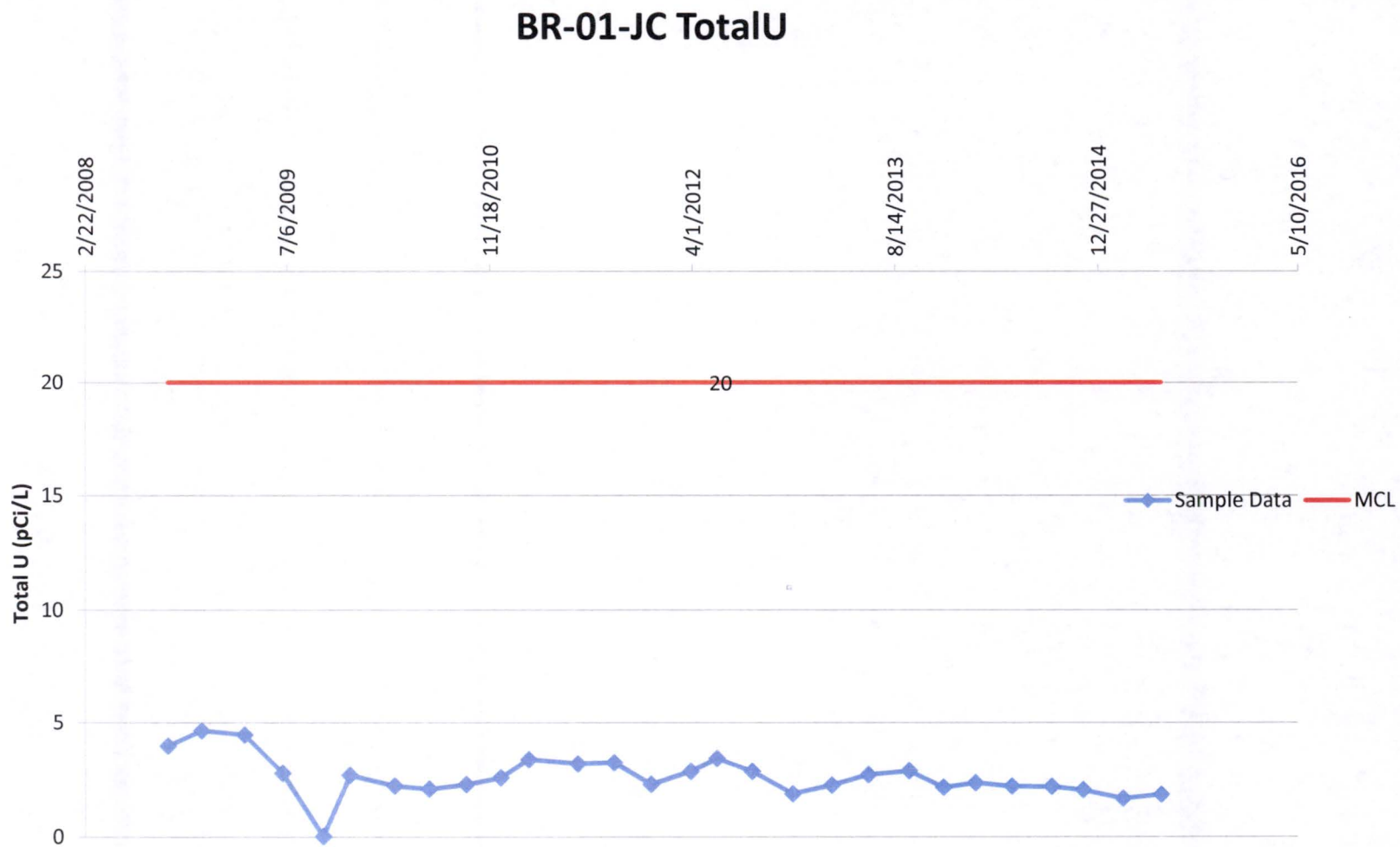
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-01-JC TotalU**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

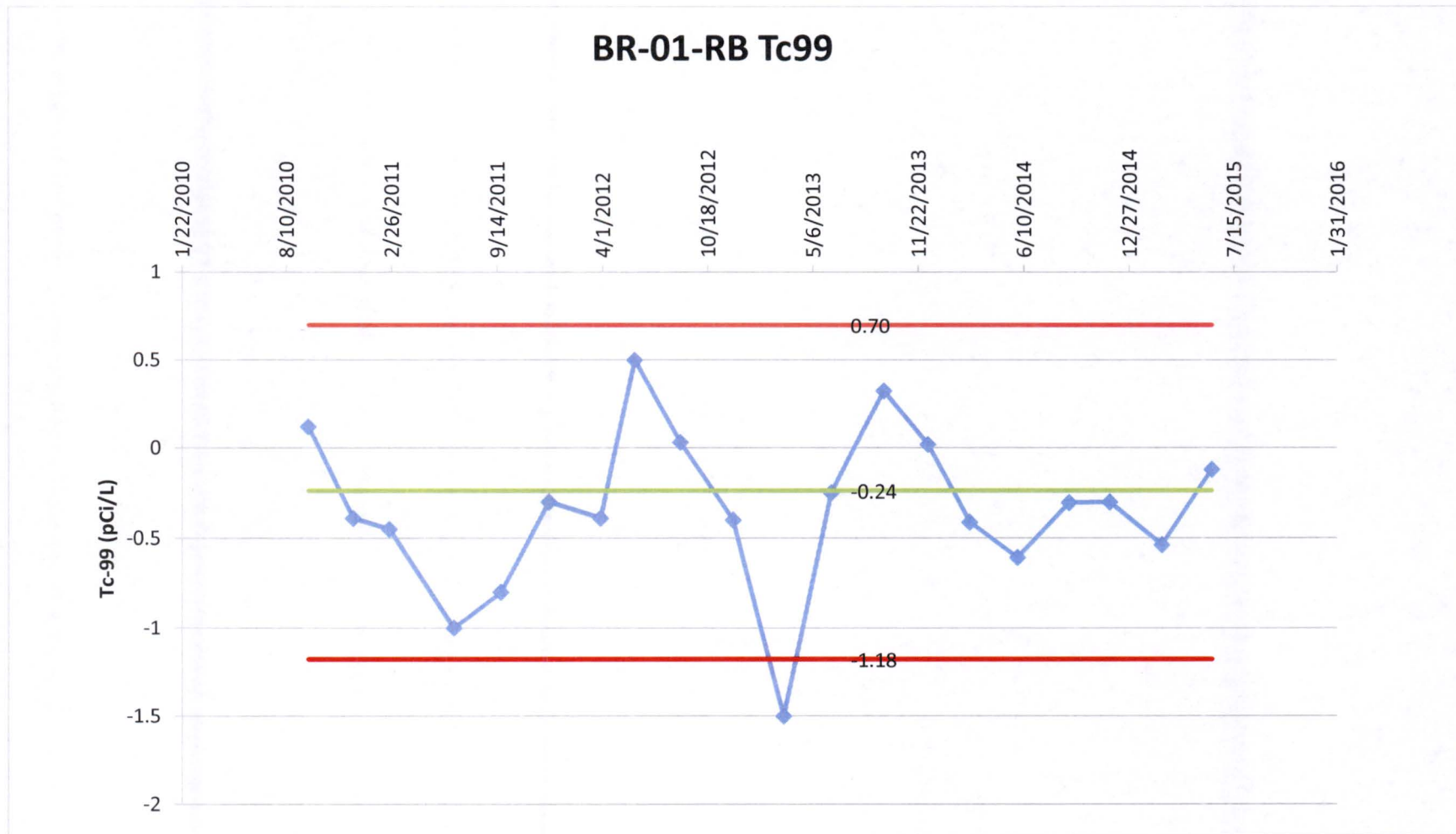
Well ID BR-01-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/21/2010	0.12	0.85	1.4	3.5	0.56	0.07	0.041	0.058	0.055	0.81	0.24	0.07
12/15/2010	-0.39	0.9	1.6	2.92	0.51	0.08	-0.011	0.015	0.11	0.97	0.27	0.05
2/22/2011	-0.45	0.99	1.7	3.13	0.53	0.11	0.052	0.073	0.11	0.81	0.24	0.09
6/24/2011	-1	1.2	2.1	3.37	0.53	0.04	0	0.019	0.051	0.84	0.24	0.04
9/21/2011	-0.8	1	1.8	3.75	0.62	0.09	0.047	0.066	0.064	0.88	0.27	0.05
12/21/2011	-0.3	1.1	1.8	3.4	0.55	0.1	0.02	0.04	0.054	0.65	0.22	0.11
3/28/2012	-0.39	0.97	1.7	3.22	0.4	0.04	0.045	0.043	0.051	0.68	0.15	0.02
6/1/2012	0.5	1.1	1.9	2.7	0.39	0.03	0.081	0.061	0.031	0.59	0.16	0.03
8/27/2012	0.03	1	1.7	2.46	0.37	0.1	0.052	0.052	0.059	0.68	0.17	0.05
12/5/2012	-0.4	1.1	1.8	2.91	0.4	0.05	0.044	0.044	0.03	0.85	0.19	0.02
3/11/2013	-1.5	0.955	1.72	3.41	0.479	0.0947	0.0475	0.0543	0.0693	0.815	0.2	0.0753
6/10/2013	-0.251	1.29	2.2	3.07	0.887	0.0931	0.0597	0.119	0.0682	0.611	0.345	0.0929
9/18/2013	0.324	1.24	2.1	2.69	0.542	0.145	0.0174	0.0577	0.145	0.774	0.273	0.116
12/11/2013	0.0179	1.19	2.04	3.14	0.392	0.11	0.0322	0.0455	0.077	0.799	0.16	0.0493
2/28/2014	-0.412	1.2	2.06	3.23	0.375	0.0571	0.045	0.0428	0.0615	0.757	0.141	0.0394



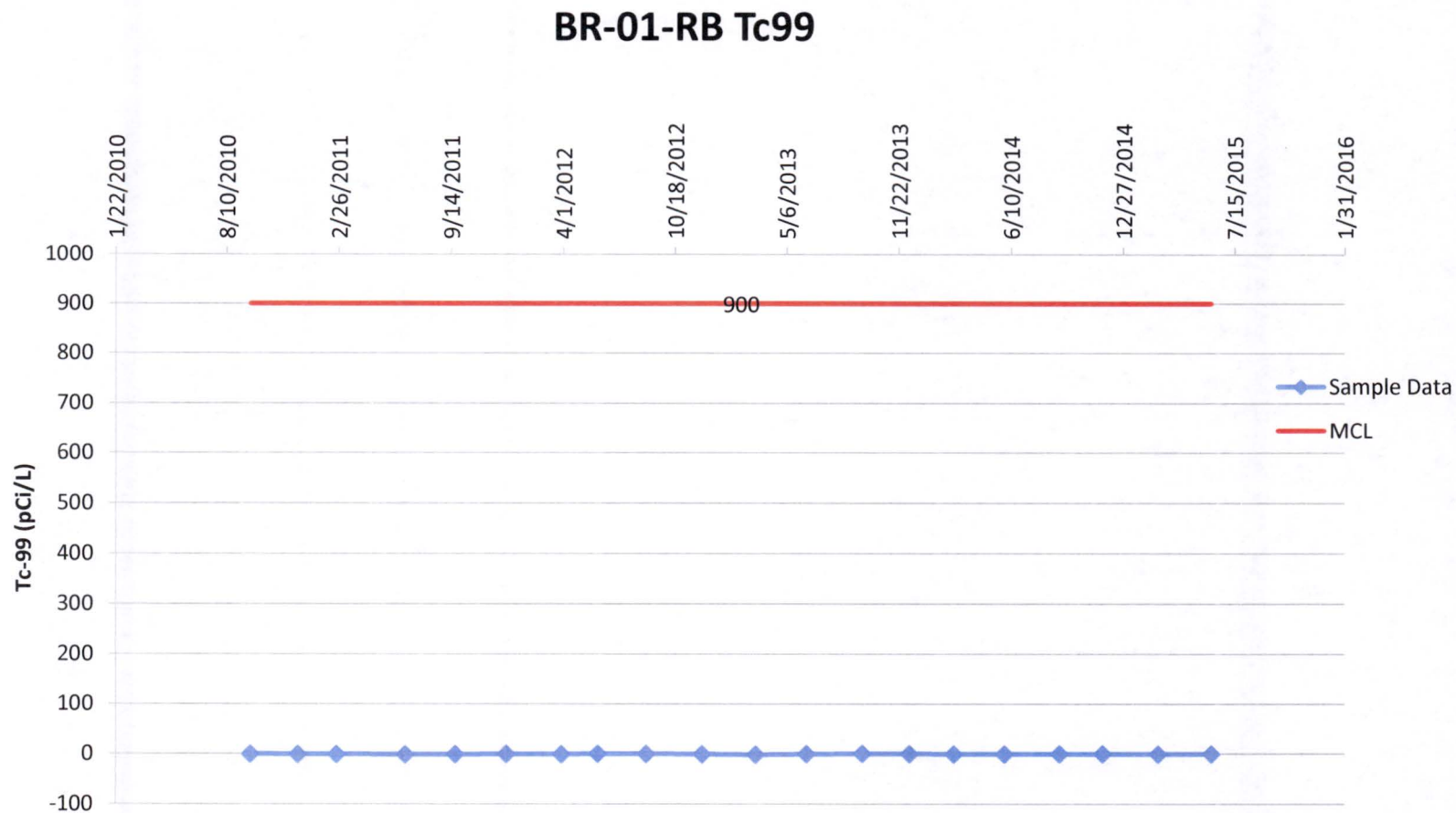
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-01-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
5/29/2014	-0.608	1.24	2.13	2.89	0.435	0.0825	0.0777	0.0695	0.0769	0.638	0.179	0.0734
9/4/2014	-0.306	1.2	2.06	2.51	0.375	0.0766	0.0424	0.0484	0.0654	0.711	0.175	0.0285
11/20/2014	-0.302	1.48	2.53	3.27	0.472	0.0338	0.0222	0.0414	0.0776	0.716	0.19	0.0622
2/27/2015	-0.538	1.25	2.16	2.91	0.422	0.0921	0.0447	0.0511	0.0689	0.746	0.184	0.0553
6/3/2015	-0.122	1.37	2.34	2.76	0.361	0.0659	0.0341	0.0342	0.0256	0.658	0.146	0.0431

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

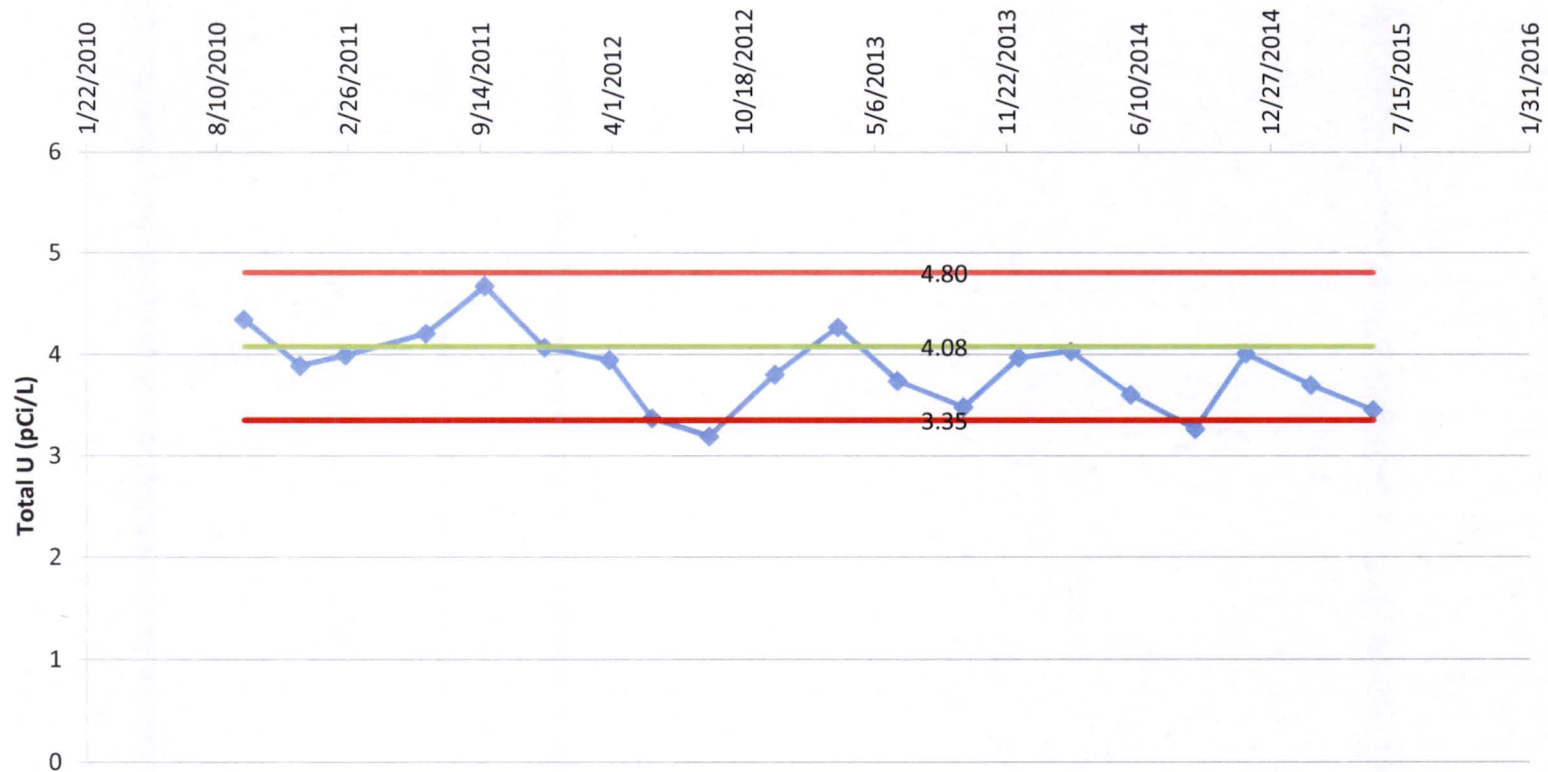


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

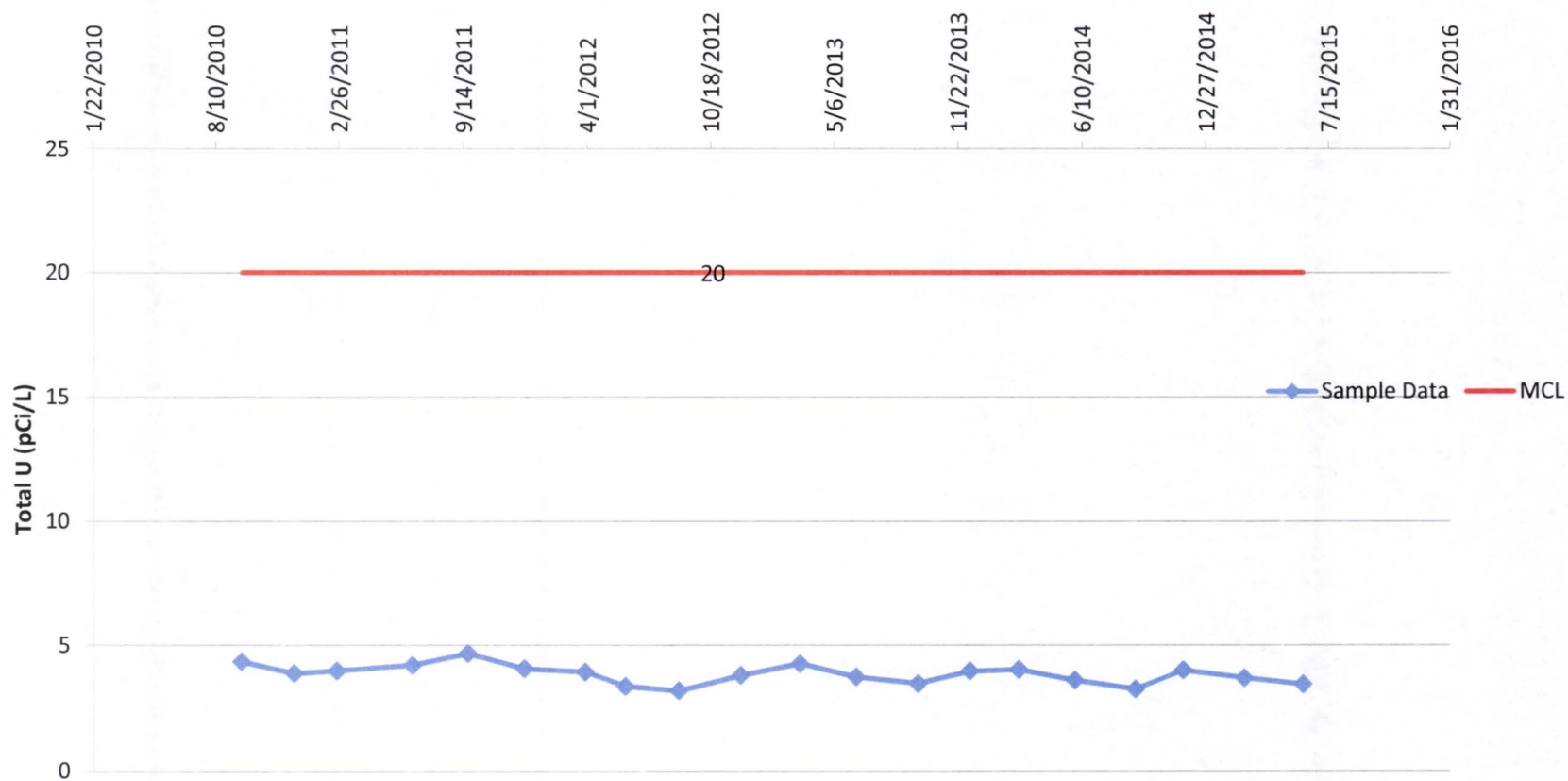
**BR-01-RB TotalU**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-01-RB TotalU**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-02-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/21/2010	0.39	0.99	1.7	1.91	0.4	0.05	-0.011	0.016	0.12	0.28	0.15	0.08
12/17/2010	0.13	0.98	1.7	1.92	0.38	0.07	-0.0047	0.0093	0.085	0.31	0.14	0.07
2/24/2011	-0.72	0.99	1.7	2.04	0.44	0.09	0.019	0.053	0.12	0.42	0.19	0.09
6/22/2011	-0.6	1.1	2	2.14	0.45	0.16	0.012	0.051	0.13	0.3	0.16	0.1
9/27/2011	-0.55	0.97	1.7	1.73	0.38	0.09	0	0.022	0.059	0.16	0.11	0.05
12/20/2011	-0.4	1.1	1.9	1.86	0.38	0.12	0	0.01	0.055	0.086	0.082	0.096
3/21/2012	-0.4	1.1	1.9	1.82	0.32	0.08	0.013	0.027	0.036	0.16	0.084	0.029
5/31/2012	-0.2	1.2	2	1.99	0.31	0.05	0	0.0087	0.028	0.165	0.079	0.059
8/22/2012	-0.3	1	1.8	2.07	0.43	0.1	0.024	0.047	0.064	0.18	0.12	0.09
11/28/2012	0.5	0.89	1.5	1.89	0.33	0.03	0.013	0.027	0.036	0.29	0.12	0.07
3/6/2013	-0.613	1	1.76	1.83	0.316	0.0545	-0.0108	0.0153	0.0814	0.162	0.0847	0.0544
6/4/2013	0.575	1.15	1.92	1.98	0.325	0.0693	0.0071	0.0264	0.0637	0.212	0.0963	0.0691
9/17/2013	0.306	1.23	2.09	1.67	0.408	0.118	0.022	0.0552	0.116	0.105	0.0981	0.0927

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-02-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
12/11/2013	0.675	1.23	2.06	1.63	0.281	0.0673	0.0227	0.0322	0.0341	0.282	0.104	0.0273
2/28/2014	-0.233	1.21	2.07	1.68	0.224	0.0427	0.0111	0.0222	0.0425	0.231	0.0671	0.0134
5/29/2014	0.189	1.21	2.04	2.14	0.356	0.0999	0.00789	0.0293	0.0747	0.251	0.109	0.0713
9/3/2014	-0.265	1.22	2.09	1.32	0.261	0.0318	0.0263	0.0373	0.0395	0.228	0.101	0.0584
11/19/2014	0.662	1.34	2.23	1.28	0.254	0.0919	0.0446	0.0509	0.0687	0.173	0.0897	0.0803
2/27/2015	-0.964	1.23	2.13	1.47	0.269	0.0821	0.0473	0.0474	0.0354	0.187	0.0893	0.0699
6/2/2015	-1.94	1.33	2.35	1.64	0.253	0.0527	0.0683	0.0486	0.0256	0.238	0.0854	0.0526



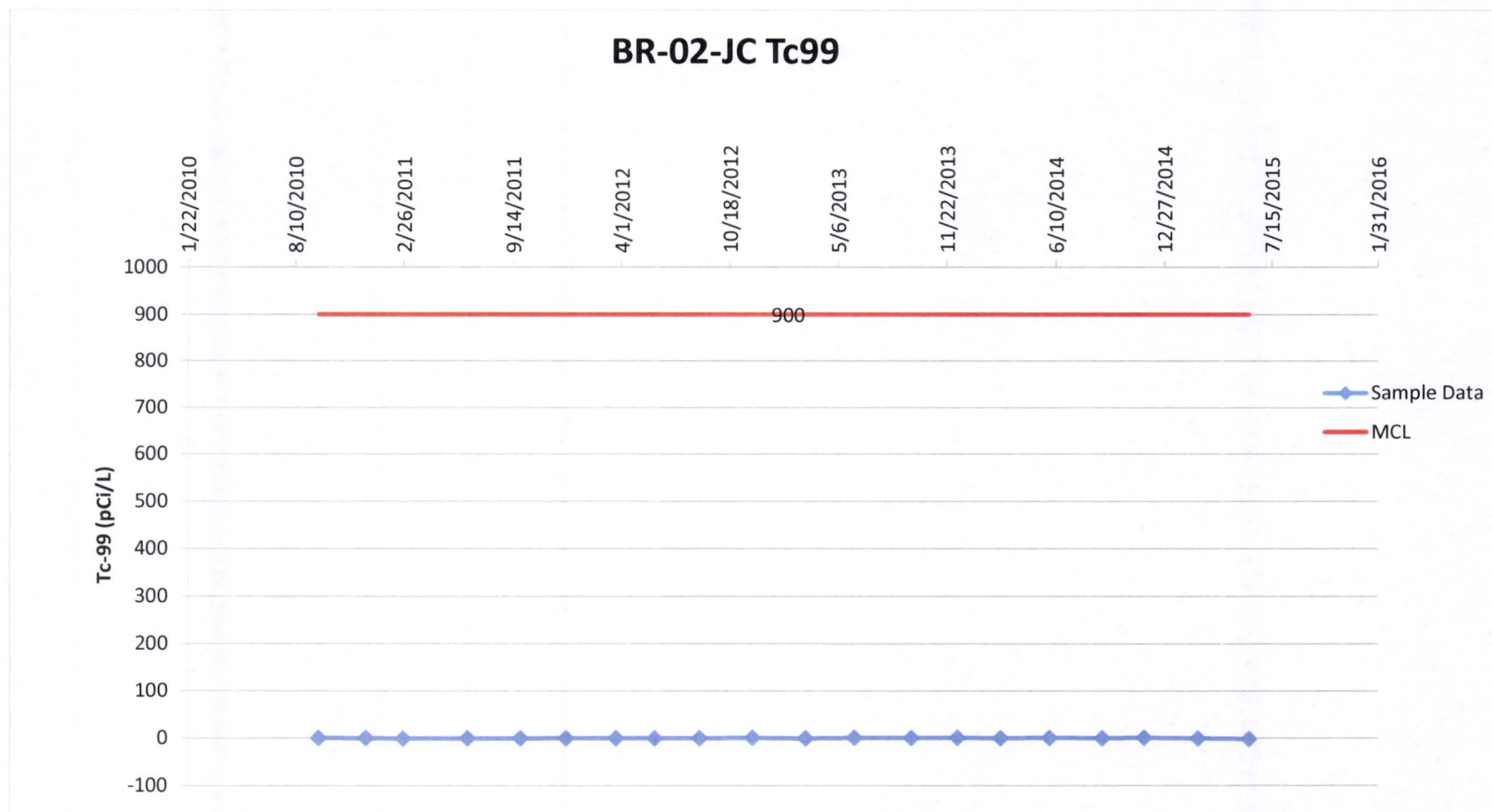
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-02-JC Tc99**



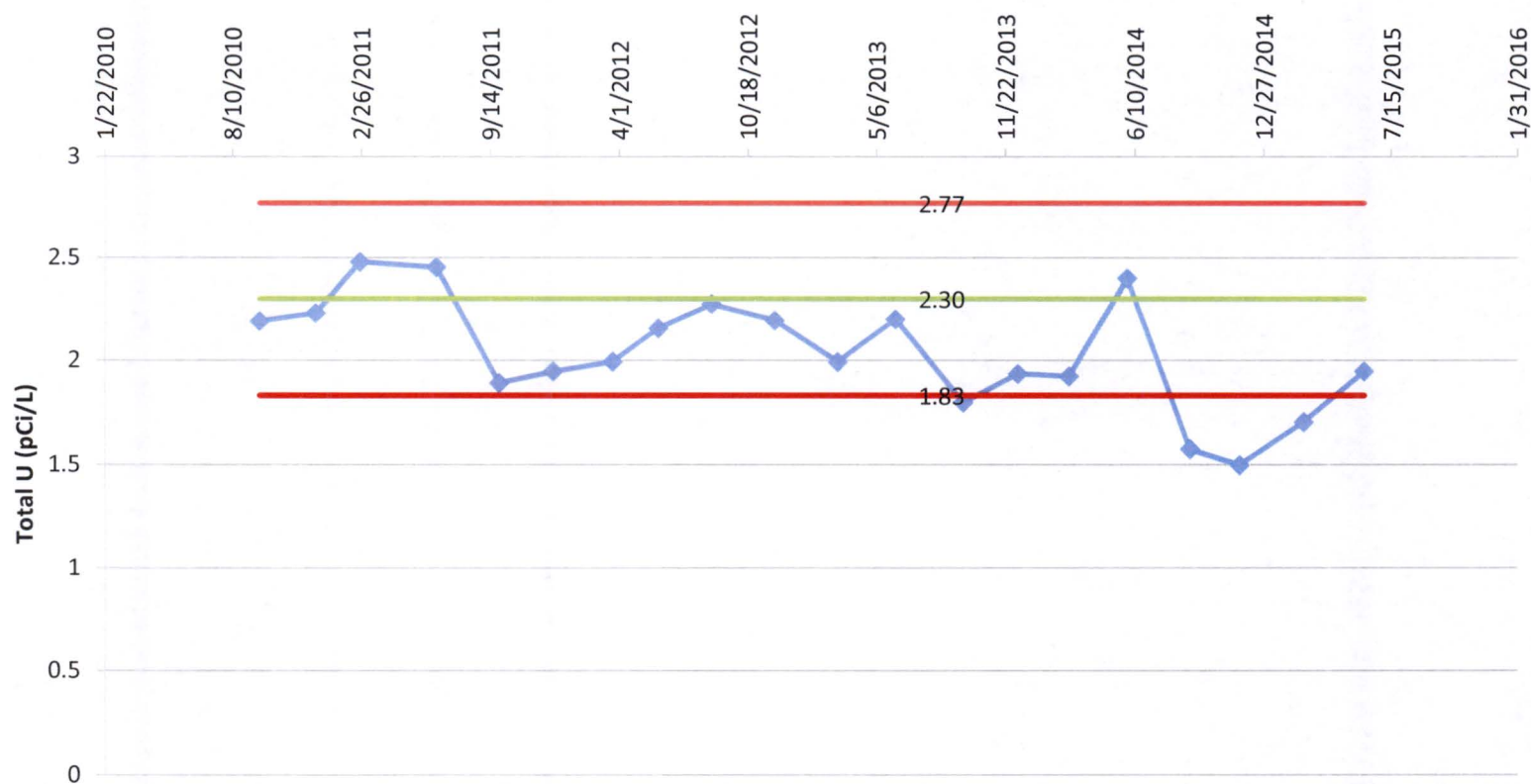


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

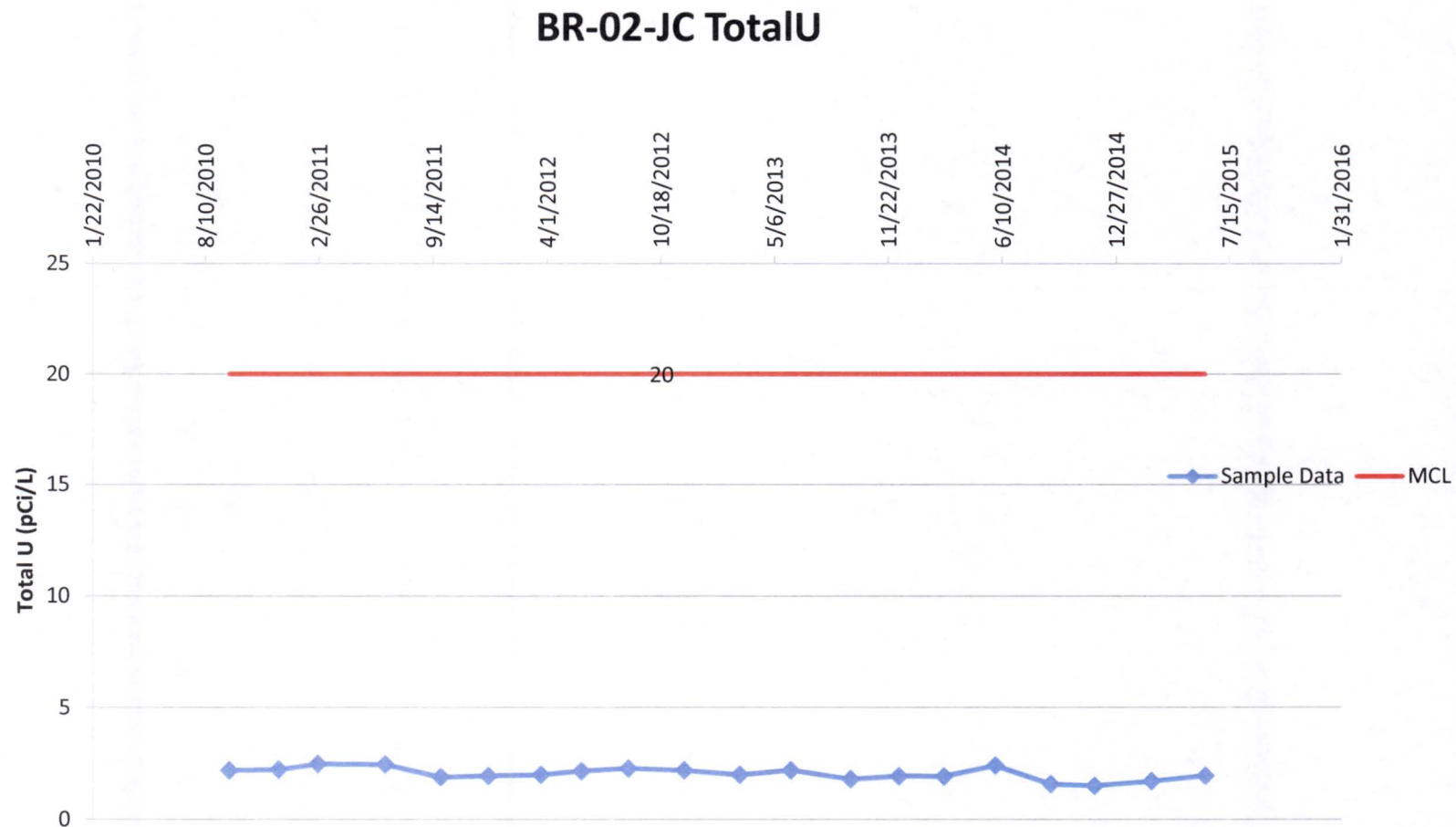


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-02-JC TotalU**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





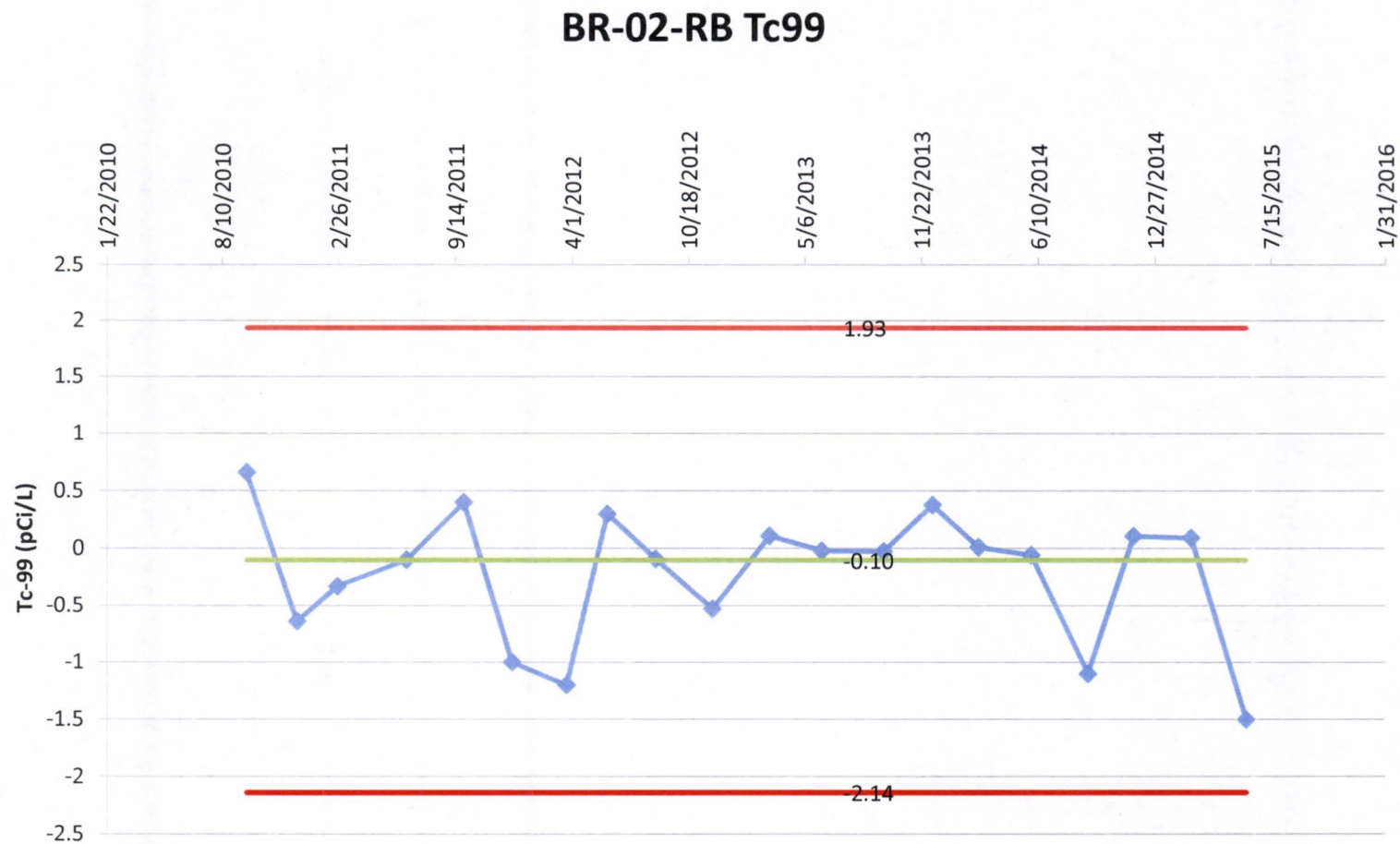
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-02-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/21/2010	0.66	0.93	1.5	2.58	0.45	0.09	0.037	0.052	0.05	0.38	0.15	0.07
12/17/2010	-0.64	0.93	1.6	2.98	0.5	0.12	0.039	0.055	0.053	0.44	0.17	0.04
2/24/2011	-0.33	0.93	1.6	2.98	0.52	0.14	0	0.048	0.14	0.42	0.18	0.09
6/22/2011	-0.1	1.1	1.9	3.33	0.57	0.11	0.006	0.051	0.14	0.6	0.22	0.11
9/28/2011	0.4	1	1.8	3.13	0.54	0.05	0.017	0.046	0.1	0.61	0.22	0.11
12/20/2011	-1	1	1.8	2.78	0.47	0.07	0.033	0.054	0.086	0.49	0.18	0.08
3/22/2012	-1.2	1	1.8	2.61	0.42	0.08	0.057	0.064	0.079	0.57	0.18	0.06
5/31/2012	0.3	1	1.8	3.07	0.42	0.05	0.028	0.038	0.056	0.36	0.12	0.07
8/22/2012	-0.09	1.1	1.9	2.65	0.46	0.07	0.019	0.038	0.051	0.24	0.13	0.1
11/28/2012	-0.53	0.85	1.5	2.26	0.36	0.07	0.05	0.05	0.034	0.57	0.16	0.06
3/6/2013	0.108	0.959	1.63	3.41	0.461	0.06	0.0238	0.0337	0.0322	0.315	0.113	0.0258
6/4/2013	-0.021	1.16	1.98	3.27	0.461	0.0863	0.0204	0.0379	0.0673	0.457	0.146	0.08
9/18/2013	-0.027	1.23	2.09	3.31	0.593	0.151	0	0.00956	0.0765	0.507	0.209	0.0931

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

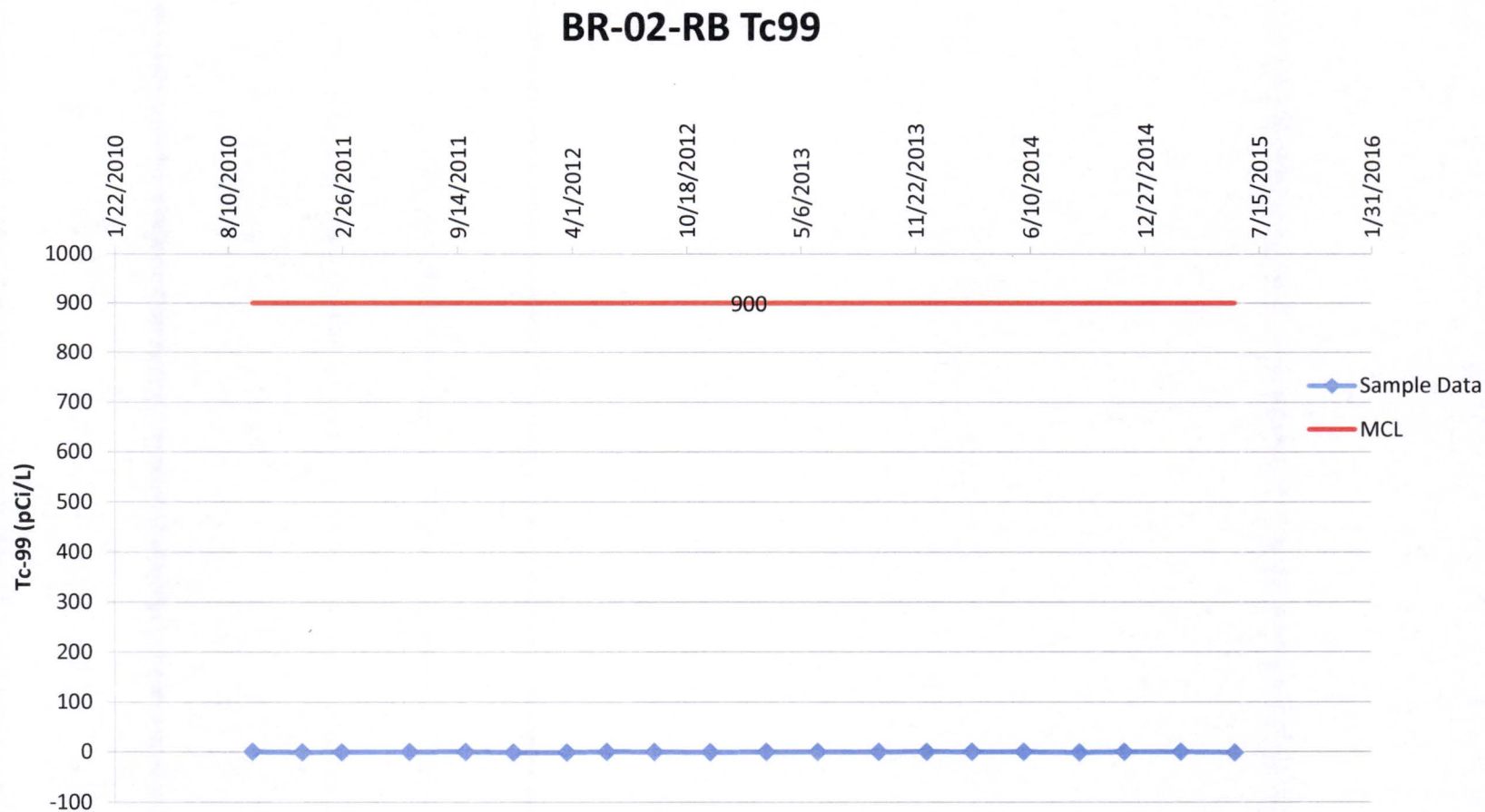
Well ID BR-02-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
12/11/2013	0.376	1.21	2.04	3.64	0.487	0.0941	0.0212	0.0454	0.0892	0.354	0.126	0.0891
2/28/2014	0.0095	1.29	2.19	3.04	0.428	0.0535	0.0261	0.0442	0.0792	0.415	0.135	0.0836
5/29/2014	-0.059	1.32	2.24	3.28	0.451	0.0713	0.0261	0.0441	0.0791	0.258	0.105	0.0712
9/3/2014	-1.1	1.2	2.1	2.95	0.438	0.088	0.0544	0.0546	0.0408	0.432	0.143	0.0603
11/20/2014	0.106	1.47	2.48	2.52	0.386	0.0759	0.0128	0.0256	0.0384	0.496	0.152	0.0827
2/27/2015	0.0902	1.28	2.17	2.58	0.39	0.0666	-0.0053	0.0105	0.0697	0.518	0.153	0.0665
6/2/2015	-1.5	1.27	2.23	2.91	0.375	0.0711	0.0149	0.0331	0.0653	0.427	0.115	0.0524

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



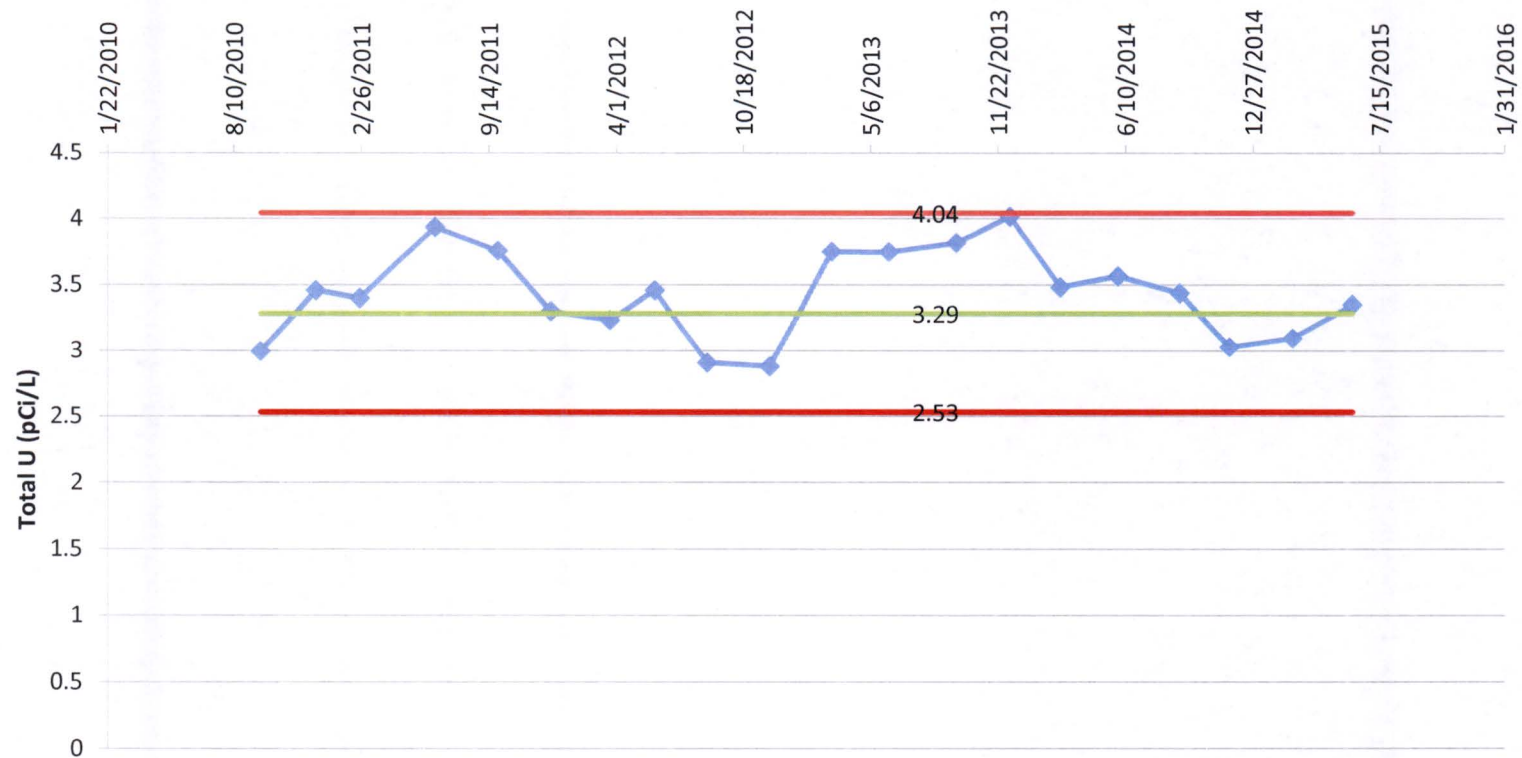


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



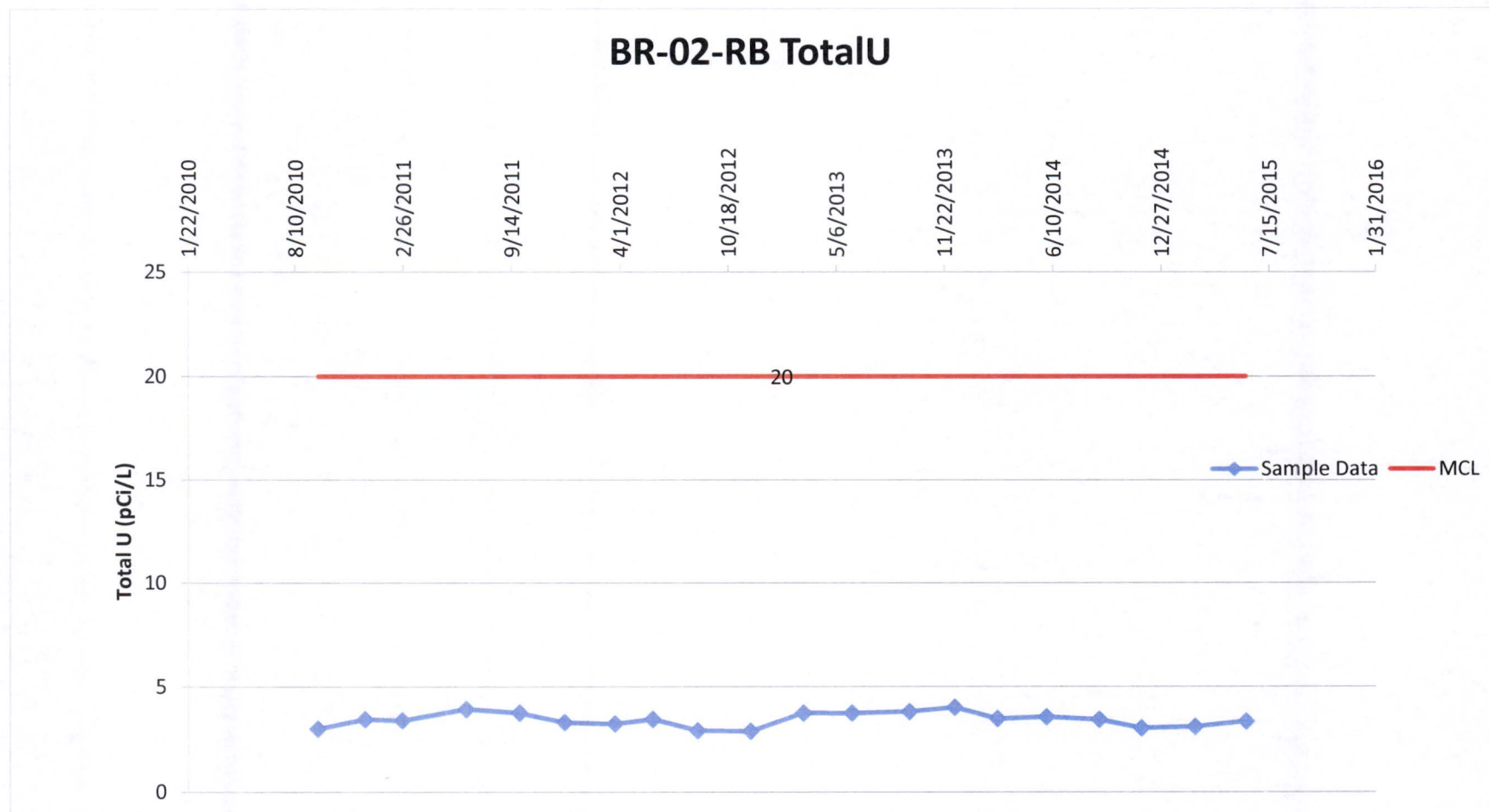
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-02-RB TotalU**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

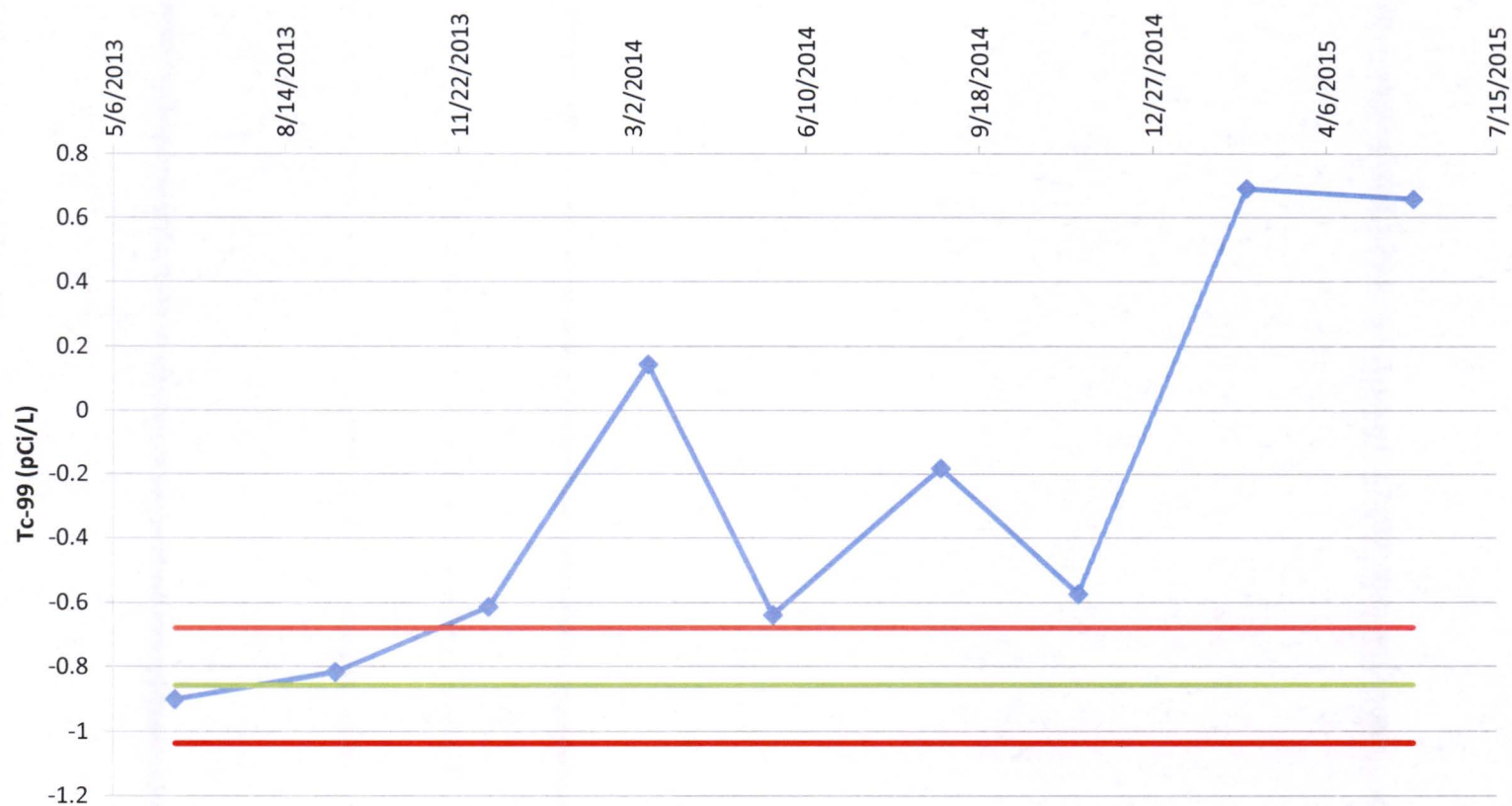


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-03R-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/11/2013	-0.9	2.68	4.66	4.07	1.09	0.0926	0.264	0.253	0.0866	0.288	0.248	0.104
9/12/2013	-0.816	1.27	2.24	3.81	1.32	0.0933	0.136	0.245	0.0738	0.608	0.474	0.0931
12/9/2013	-0.614	1.29	2.23	4.01	0.525	0.074	0.0375	0.0434	0.0375	0.486	0.146	0.0553
3/11/2014	0.144	1.17	1.98	4.27	0.5	0.0448	0.0353	0.0354	0.0265	0.517	0.129	0.0212
5/22/2014	-0.639	1.2	2.08	4.63	0.601	0.0908	0.00818	0.0304	0.0775	0.598	0.173	0.0739
8/27/2014	-0.182	1.28	2.18	4.7	0.585	0.0732	0.0144	0.0378	0.0811	0.491	0.146	0.0547
11/14/2014	-0.574	1.2	2.08	4.19	0.535	0.0711	0.036	0.0417	0.036	0.4	0.129	0.0532
2/19/2015	0.691	1.18	1.97	4.37	0.551	0.0828	0.0278	0.0517	0.0959	0.54	0.151	0.0528
5/27/2015	0.658	1.22	2.03	4.36	0.474	0.0624	0.0513	0.0366	0.0193	0.592	0.121	0.0154
3/1/2016	0.01	1.35	2.29	2.02	0.332	0.0558	0	0.0105	0.0377	0.157	0.0821	0.0557
6/1/2016	-1.08	1.4	2.42	1.9	0.331	0.142	0.0392	0.0454	0.0392	0.169	0.11	0.147

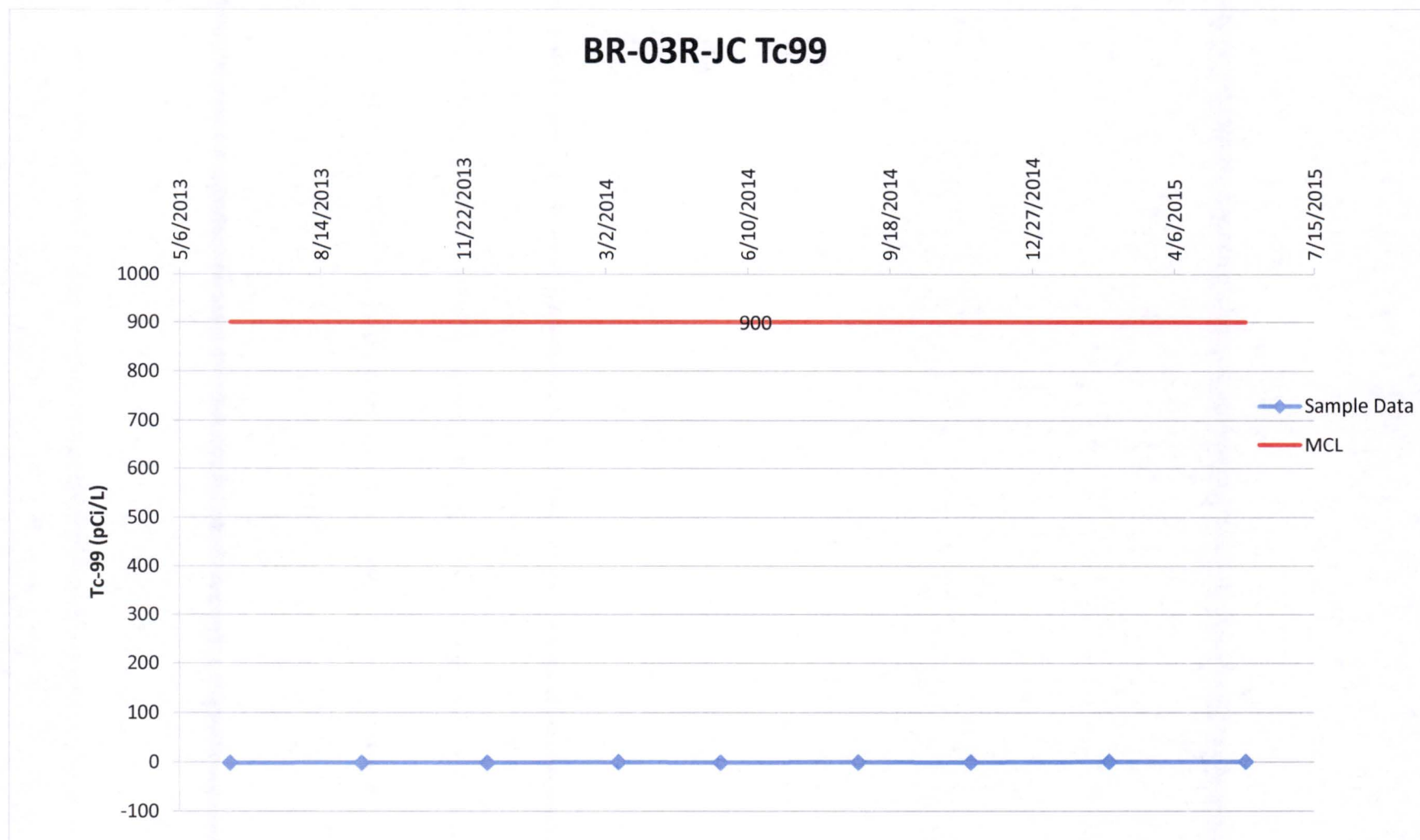
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-03R-JC Tc99**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



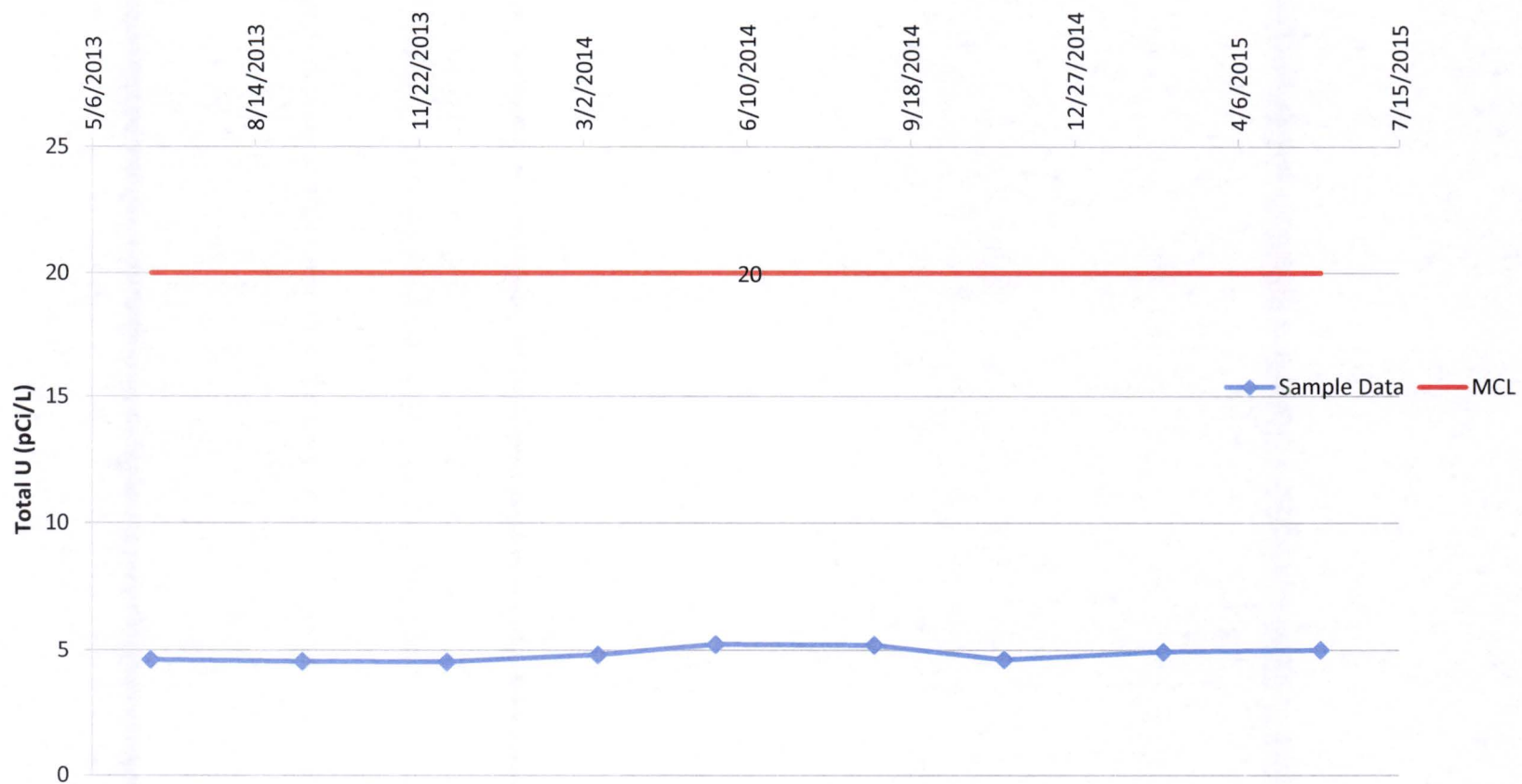
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-03R-JC TotalU**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-03R-JC TotalU**

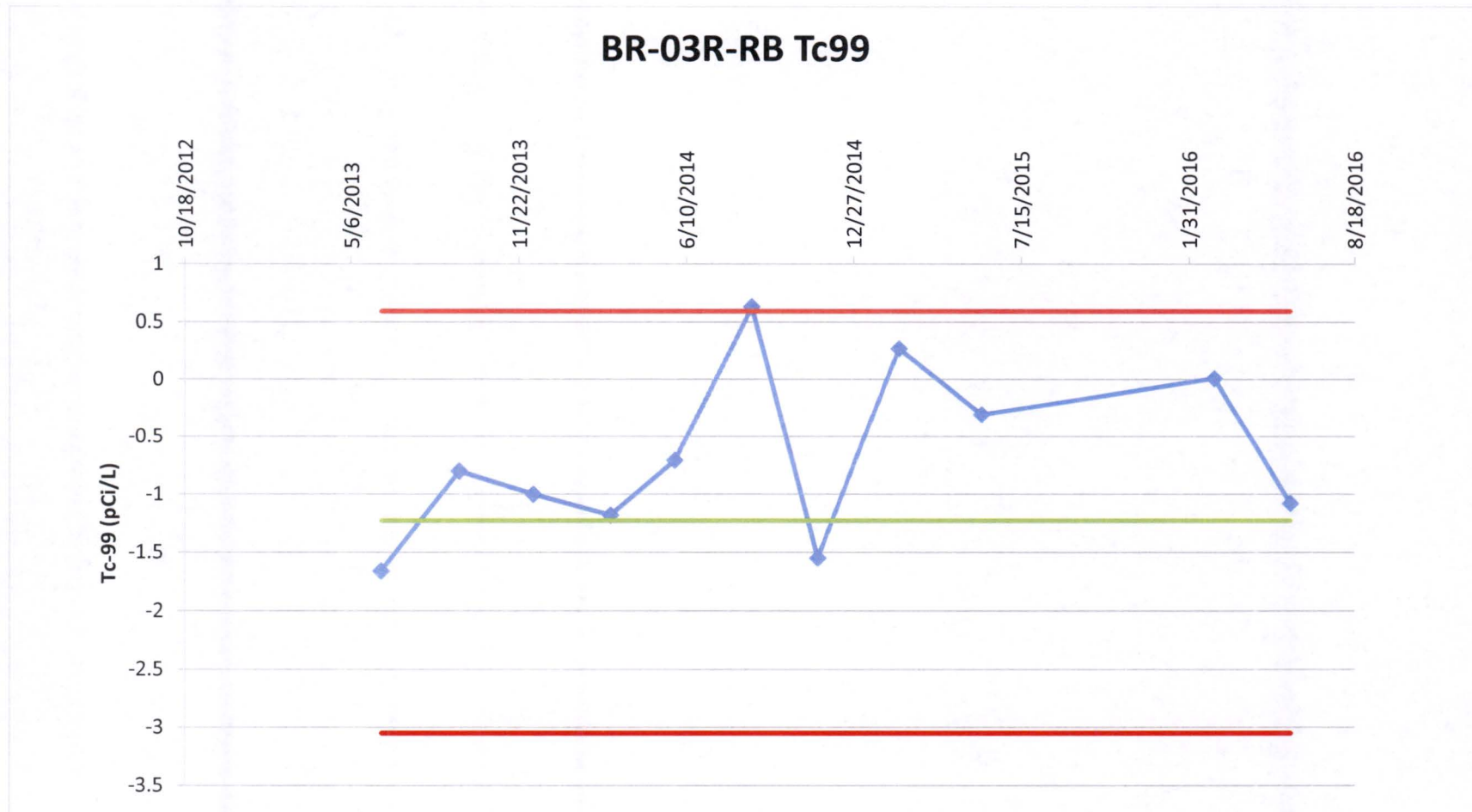




**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

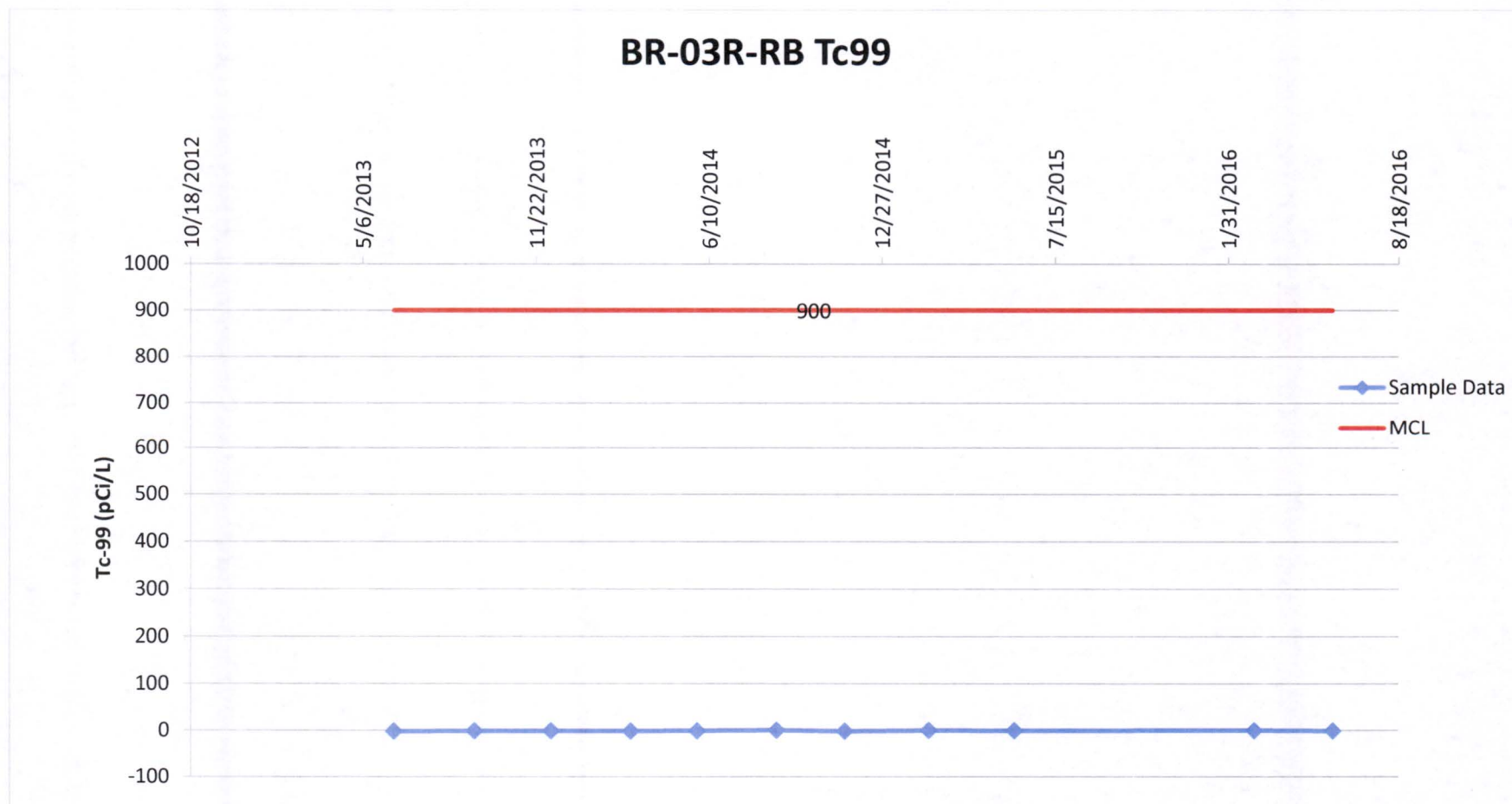
Well ID BR-03R-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/11/2013	-1.66	1.31	2.29	1.94	0.656	0.0914	0.0256	0.0724	0.0346	0.0999	0.14	0.0726
9/12/2013	-0.801	1.26	2.19	1.84	0.858	0.116	-0.005	0.0201	0.114	0.19	0.261	0.0916
12/9/2013	-1	1.39	2.42	1.75	0.32	0.0638	0.0144	0.0288	0.0431	0.161	0.0873	0.0346
3/11/2014	-1.18	1.15	2	1.99	0.285	0.0422	0.025	0.0289	0.025	0.127	0.0592	0.02
5/27/2014	-0.708	1.44	2.48	1.85	0.289	0.0869	0.0294	0.034	0.0294	0.188	0.0785	0.0235
8/27/2014	0.63	1.23	2.05	2.01	0.336	0.0896	0.0204	0.038	0.0712	0.225	0.102	0.0762
11/14/2014	-1.55	1.18	2.08	1.8	0.316	0.059	0.0266	0.0377	0.0399	0.162	0.0873	0.0701
2/19/2015	0.27	1.17	1.96	1.84	0.317	0.0763	0.0386	0.0447	0.0386	0.171	0.0867	0.057
5/29/2015	-0.305	1.25	2.14	1.79	0.241	0.0491	0.0365	0.03	0.0182	0.202	0.0684	0.049
3/1/2016	0.01	1.35	2.29	2.02	0.332	0.0558	0	0.0105	0.0377	0.157	0.0821	0.0557
6/1/2016	-1.08	1.4	2.42	1.9	0.331	0.142	0.0392	0.0454	0.0392	0.169	0.11	0.147

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

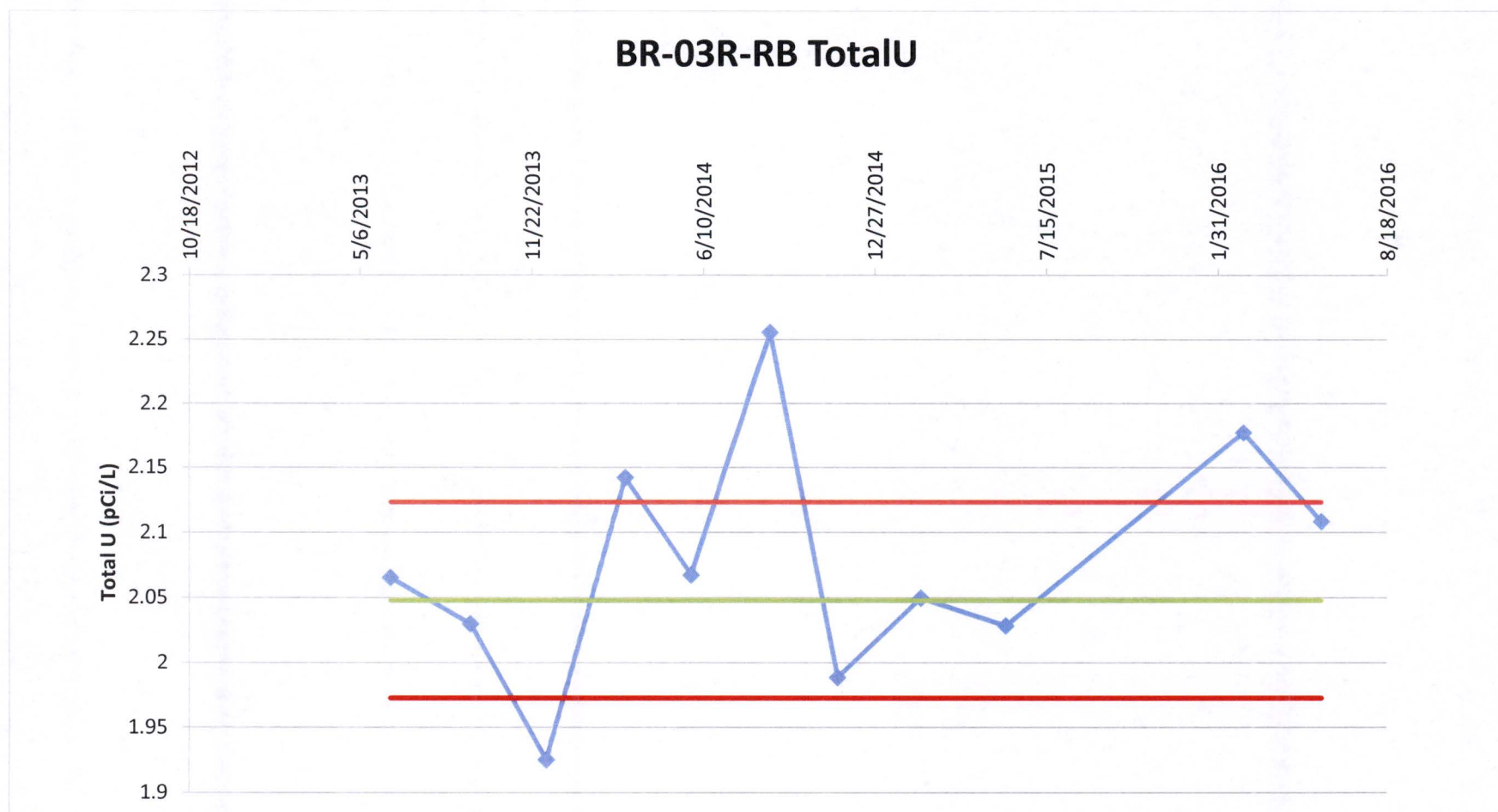




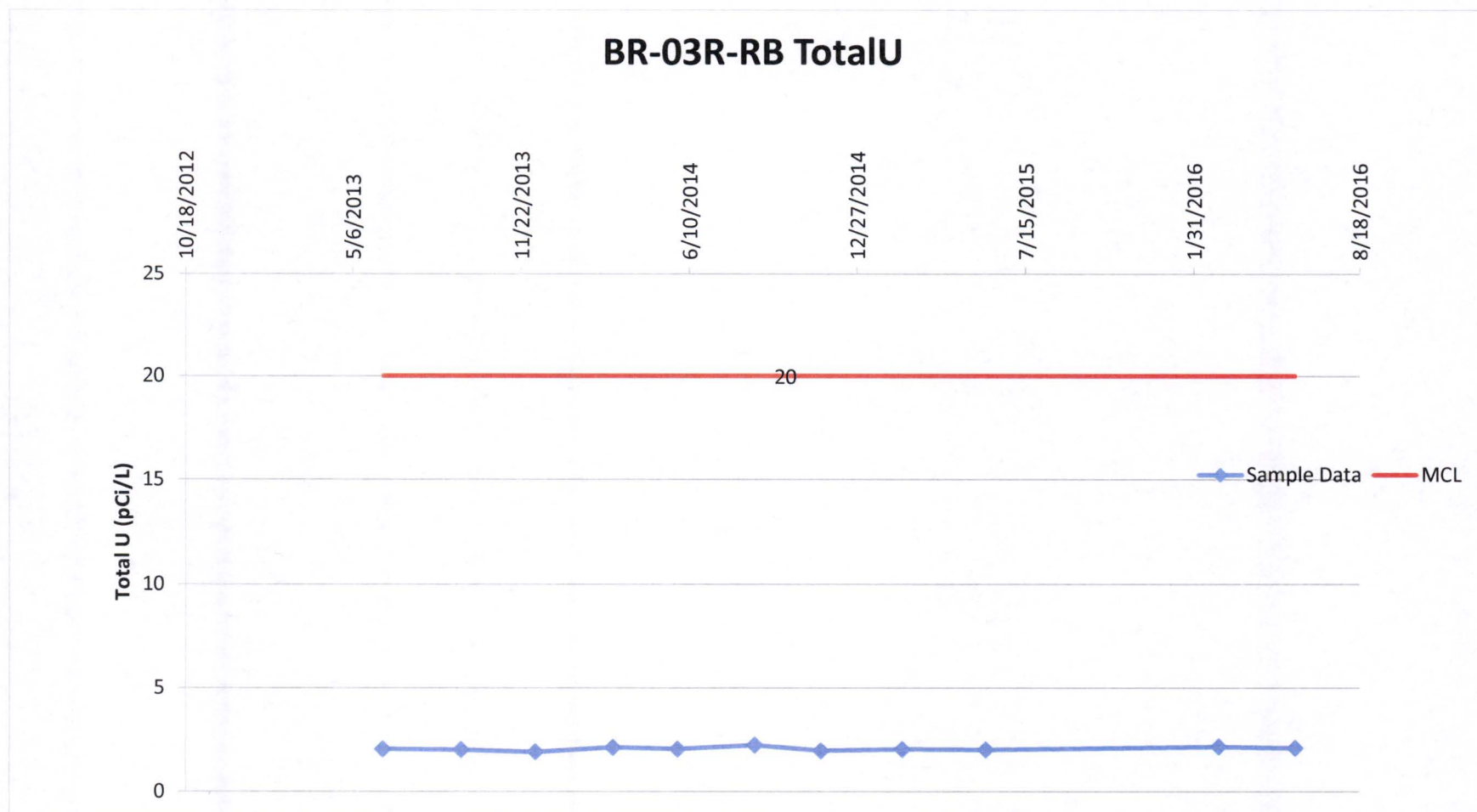
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-04-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/27/2007	-2.3	0	6.61	4.466	0	0.1968	-0.0174	0	0.1454	1.285	0	0.2169
9/19/2007	-0.388	0	5.53	3.491	0	0.09831	0.02111	0	0.03509	0.9458	0	0.08974
12/6/2007	-8.25	0	5.9	3.449	0.497	0.09923	0.01102	0.03575	0.04637	0.94	0.2444	0.1299
3/6/2008	-4.35	3.87	7.81	3.368	0.4736	0.1543	0.03581	0.05597	0.06033	1.091	0.2521	0.1195
6/26/2008	-3.25	0	6.04	3.42	0	0.04	0.03	0.042	0.03	0.56	0	0.06
9/16/2008	0.2	2	3	3.09	0.42	0	0.017	0.034	0	0.56	0	0.06
12/10/2008	-1.8	1.4	3	2.91	0.5	0	0.025	0.048	0	0.65	0	0.09
3/12/2009	0.16	0.73	1	3.82	0	0	0.069	0.057	0	1.16	0	0.04
7/7/2009	-2.9	3.3	5.6	2.49	0.48	0.18	-0.006	0.051	0.15	0.43	0.18	0.12
10/1/2009	0.4	1.3	2.1	2.61	0.48	0.15	-0.011	0.015	0.12	0.31	0.16	0.11
12/11/2009	-0.04	1.8	3.1	2.72	0.56	0.17	-0.016	0.019	0.16	0.26	0.16	0.14
3/22/2010	-1	1	1.8	2.94	0.43	0.06	0.027	0.038	0.036	0.31	0.12	0.07
6/22/2010	0.5	1	1.7	2.99	0.43	0.07	0.022	0.047	0.088	0.46	0.14	0.03
9/20/2010	1.23	0.92	1.5	2.81	0.5	0.12	0.014	0.038	0.096	0.38	0.16	0.11
12/16/2010	0.3	0.92	1.5	2.55	0.49	0.08	0.023	0.046	0.063	0.36	0.17	0.1

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-04-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
1/24/2011	0.8	1	1.7	2.66	0.48	0.11	0	0.021	0.057	0.33	0.15	0.09
2/16/2011	-0.35	0.94	1.6	2.65	0.46	0.09	0.019	0.038	0.052	0.34	0.15	0.09
2/28/2011	0.16	0.94	1.6	2.88	0.51	0.1	0.032	0.063	0.11	0.38	0.17	0.05
3/21/2011	0.02	1	1.7	3.28	0.57	0.13	0.035	0.067	0.12	0.38	0.17	0.08
4/28/2011	0.2	1	1.7	2.71	0.47	0.09	0.039	0.055	0.053	0.34	0.15	0.04
5/16/2011	-1.3	1.3	2.2	3.18	0.59	0.12	0.022	0.055	0.12	0.33	0.17	0.06
6/21/2011	0.2	1.1	1.9	3.05	0.51	0.14	0.005	0.043	0.12	0.38	0.16	0.12
7/26/2011	-2	1.3	2.4	3.29	0.55	0.1	0.063	0.072	0.056	0.77	0.24	0.05
8/3/2011	-0.48	0.84	1.5	2.45	0.48	0.11	0.041	0.067	0.11	0.37	0.17	0.1
9/13/2011	0.21	0.99	1.7	3.52	0.56	0.1	0.01	0.043	0.11	0.46	0.18	0.09
9/20/2011	-0.7	1.1	1.9	2.67	0.49	0.14	0.005	0.046	0.13	0.26	0.14	0.1
10/11/2011	-0.16	0.96	1.6	2.24	0.4	0.09	0.009	0.037	0.093	0.32	0.14	0.06
11/4/2011	-0.5	1	1.7	2.78	0.47	0.1	-0.0047	0.0093	0.085	0.25	0.13	0.1
12/19/2011	1	1	1.7	3.01	0.52	0.11	0.041	0.059	0.09	0.5	0.19	0.11
1/5/2012	-2	1.8	3.3	3.05	0.5	0.1	0.038	0.054	0.052	0.44	0.17	0.1



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-04-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
2/1/2012	-0.1	1	1.7	2.56	0.48	0.11	0.022	0.044	0.059	0.36	0.16	0.1
3/12/2012	0	1.1	1.9	3.51	0.59	0.12	0.017	0.047	0.1	0.34	0.16	0.1
3/22/2012	-0.1	1.1	1.8	2.11	0.35	0.08	0.053	0.053	0.036	0.38	0.13	0.06
4/10/2012	-0.3	1.1	1.8	2.82	0.39	0.02	0.022	0.031	0.03	0.37	0.12	0.02
5/8/2012	0.06	1	1.7	2.73	0.42	0.03	0.041	0.048	0.037	0.4	0.14	0.06
5/31/2012	0.4	1.1	1.9	2.88	0.41	0.06	0.019	0.036	0.064	0.41	0.13	0.06
6/14/2012	-1.28	0.93	1.7	3.09	0.53	0.05	0.021	0.042	0.057	0.43	0.18	0.09
7/10/2012	-1.01	0.89	1.6	2.47	0.36	0.07	0.033	0.039	0.03	0.31	0.11	0.07
8/7/2012	0.2	1	1.7	2.53	0.37	0.06	0.017	0.032	0.058	0.31	0.11	0.06
8/22/2012	-0.2	1.2	2	2.42	0.42	0.1	0.053	0.061	0.048	0.26	0.13	0.08
9/11/2012	-1	1.1	1.9	2.76	0.41	0.06	0.021	0.039	0.069	0.34	0.12	0.03
10/11/2012	-0.69	0.99	1.7	3.32	0.47	0.07	0.014	0.027	0.037	0.35	0.13	0.06
11/7/2012	-0.4	1.1	1.9	2.78	0.34	0.05	0.041	0.04	0.054	0.284	0.086	0.065
11/28/2012	-0.7	1	1.8	2.79	0.42	0.06	0.026	0.037	0.036	0.29	0.11	0.06
12/11/2012	-1.1	1.1	1.9	3.07	0.44	0.08	0.002	0.03	0.081	0.32	0.12	0.07



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-04-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
1/16/2013	-0.9	1.1	1.9	2.85	0.43	0.09	0.028	0.039	0.037	0.27	0.11	0.03
2/14/2013	-0.519	1.06	1.84	3.07	0.44	0.0538	0.0203	0.0378	0.067	0.392	0.133	0.0645
3/6/2013	-0.207	0.959	1.66	2.62	0.397	0.0654	0.0205	0.0383	0.0679	0.418	0.138	0.0653
3/14/2013	-0.181	1.13	1.95	2.7	0.398	0.0518	0.0369	0.0427	0.0333	0.257	0.103	0.0267
4/11/2013	-0.18	1.69	2.96	2.49	0.382	0.0533	0.0275	0.0464	0.0796	0.295	0.112	0.0275
5/14/2013	-0.504	1.06	1.86	2.69	0.782	0.0495	0	0.0196	0.0318	0.33	0.23	0.0255
6/5/2013	-0.422	1.22	2.09	2.65	0.422	0.0328	0.0239	0.0445	0.0789	0.399	0.143	0.0327
7/9/2013	-0.855	1.48	2.56	2.4	0.977	0.174	0.0156	0.103	0.122	0.281	0.315	0.123
8/14/2013	-0.0191	1.27	2.16	2.94	1.15	0.0986	0.0288	0.115	0.078	0.306	0.351	0.134
9/13/2013	0.415	1.45	2.45	3.91	0.687	0.154	0.0269	0.0593	0.141	0.497	0.22	0.113
10/17/2013	0.0847	1.21	2.04	2.85	0.567	0.19	0.0229	0.0574	0.128	0.376	0.19	0.118
11/15/2013	-0.59	1.29	2.22	2.36	0.41	0.0751	0.152	0.102	0.0507	0.51	0.173	0.075
12/6/2013	-1.15	1.21	2.12	2.67	0.404	0.0317	0.0263	0.0373	0.0395	0.28	0.112	0.0583
1/24/2014	-0.192	1.27	2.18	2.69	0.352	0.0586	0.0167	0.0236	0.025	0.406	0.111	0.0514
2/25/2014	-0.687	1.27	2.19	2.47	0.321	0.0769	0.00984	0.0309	0.0646	0.341	0.0988	0.0659

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-04-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
3/26/2014	-0.563	1.13	1.96	2.58	0.335	0.0189	0.0245	0.039	0.0685	0.358	0.103	0.0655
4/23/2014	0.045	1.21	2.05	2.75	0.405	0.0657	0.0197	0.0367	0.0688	0.389	0.129	0.0299
5/27/2014	-0.487	1.47	2.52	2.76	0.428	0.094	0.052	0.0595	0.0802	0.398	0.142	0.0765
6/25/2014	0.361	1.26	2.11	2.82	0.428	0.0829	-0.0117	0.0165	0.0919	0.356	0.133	0.0827
7/22/2014	-0.274	1.3	2.21	2.79	0.332	0.0377	0.049	0.039	0.0469	0.339	0.0865	0.0148
8/20/2014	0.704	1.31	2.17	2.84	0.429	0.0335	0.0278	0.0393	0.0416	0.334	0.125	0.0334
8/28/2014	0.256	1.24	2.09	2.76	0.337	0.0762	0.0659	0.042	0.0198	0.285	0.084	0.0506
9/23/2014	0.287	1.26	2.12	2.99	0.441	0.0719	0.00227	0.0316	0.0894	0.447	0.145	0.0327
10/22/2014	0.242	1.39	2.34	2.94	0.423	0.0738	0.0249	0.0353	0.0373	0.319	0.116	0.0299
11/18/2014	-0.577	1.37	2.35	2.91	0.433	0.0804	0.0373	0.0578	0.1	0.42	0.141	0.0601
12/17/2014	0.189	1.23	2.08	2.25	0.381	0.0888	0.03	0.0424	0.0449	0.264	0.115	0.036
1/22/2015	0.2	1.37	2.32	2.9	0.333	0.0484	0.0327	0.031	0.0417	0.293	0.0767	0.0335
2/25/2015	1.57	1.22	1.96	2.94	0.428	0.0572	0.0129	0.0258	0.0386	0.45	0.142	0.0571
3/23/2015	-1.24	1.47	2.55	3.08	0.464	0.079	0.0237	0.0441	0.0826	0.348	0.132	0.036
4/24/2015	-1.4	1.35	2.36	2.68	0.321	0.037	0.0482	0.0383	0.0461	0.256	0.0748	0.0369

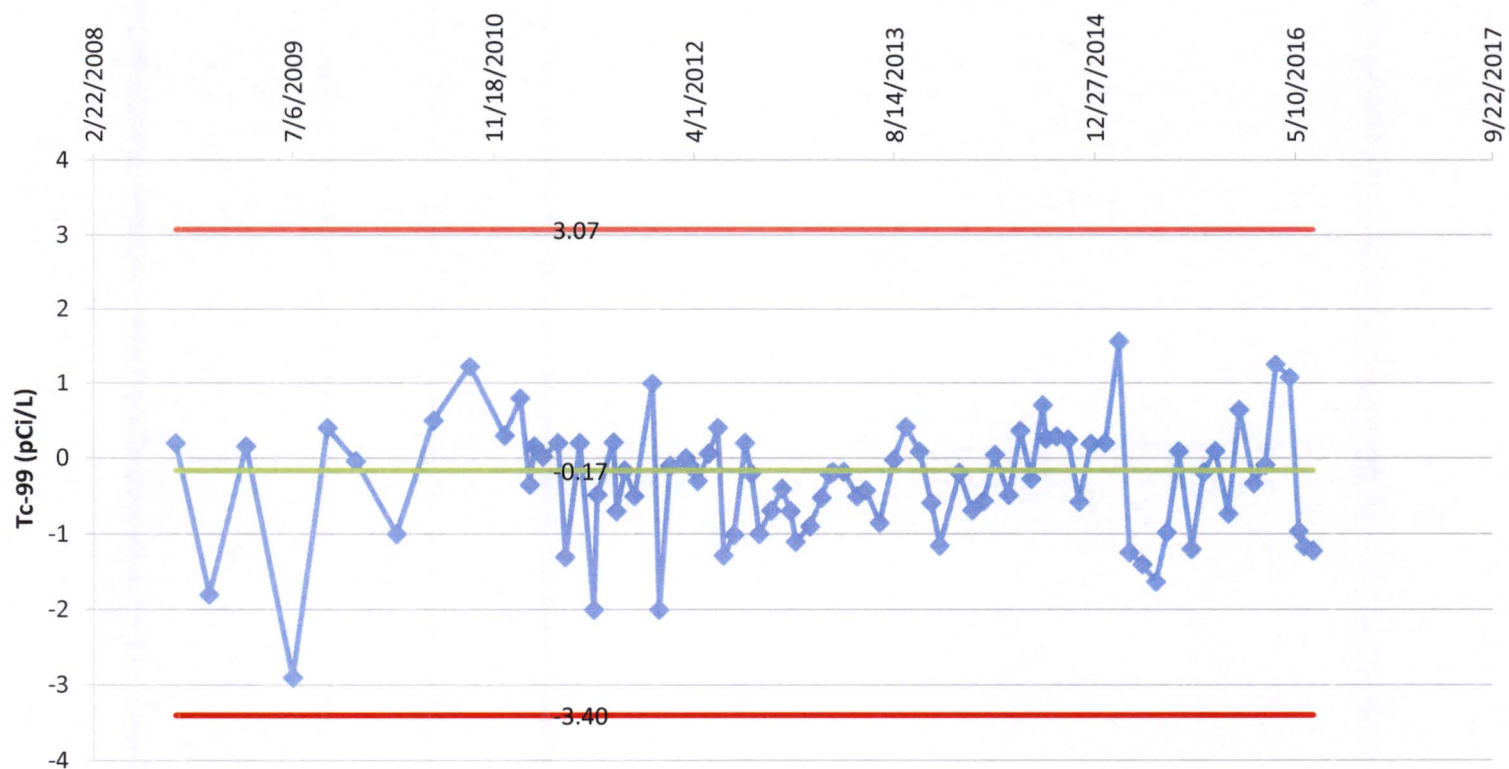


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

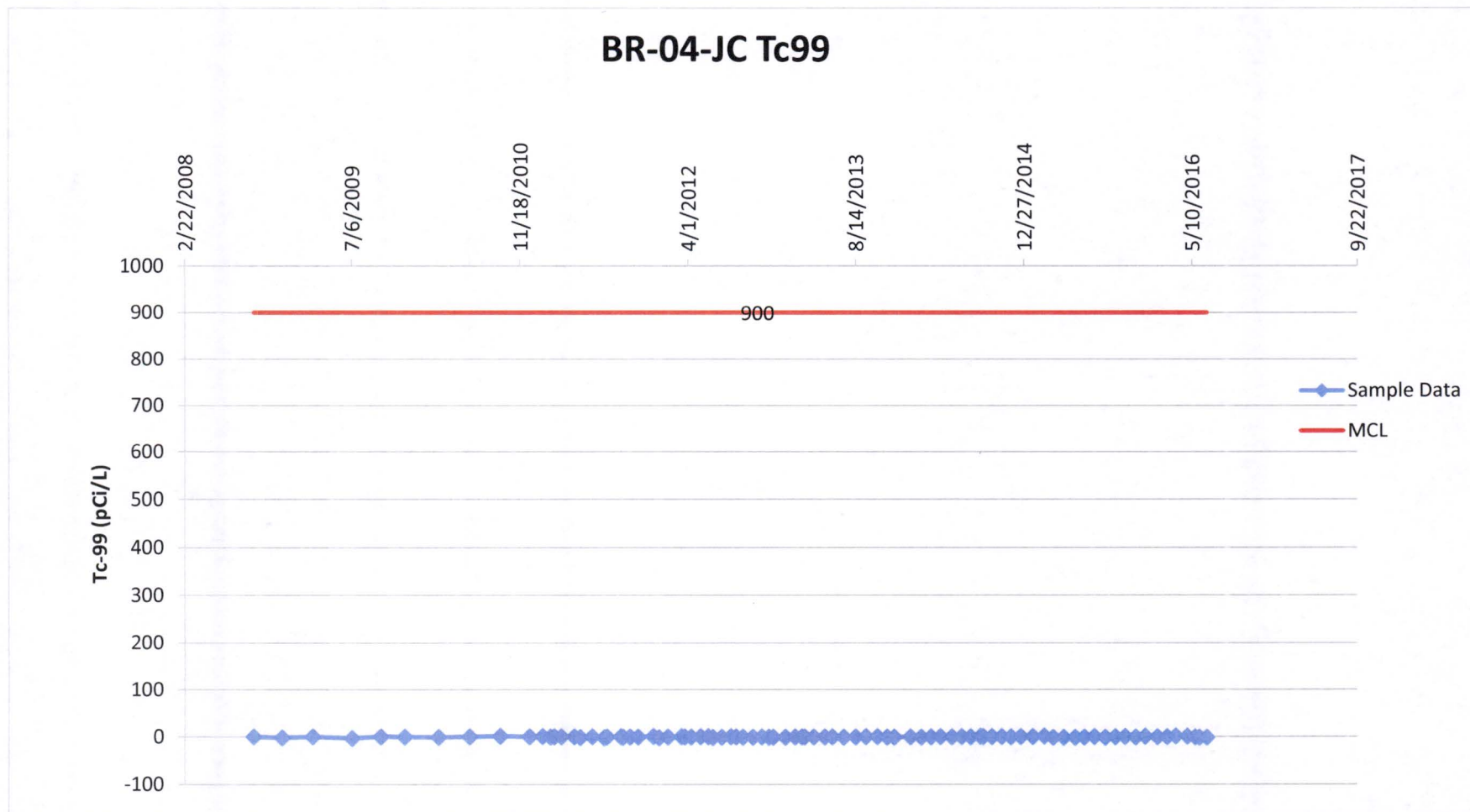
Well ID BR-04-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
5/28/2015	-1.63	1.35	2.36	2.78	0.325	0.0498	0.0224	0.0275	0.0429	0.391	0.0901	0.0135
6/24/2015	-0.981	1.21	2.1	2.83	0.433	0.085	-0.006	0.012	0.0792	0.455	0.151	0.0635
9/24/2015	-0.189	1.19	2.02	2.42	0.371	0.0854	0.0123	0.0246	0.0368	0.503	0.152	0.0954
10/23/2015	0.0957	1.27	2.15	2.97	0.416	0.068	-0.0048	0.00956	0.0634	0.349	0.117	0.0276
11/24/2015	-0.733	1.47	2.53	2.53	0.377	0.0289	0.048	0.0481	0.036	0.337	0.117	0.0289
12/22/2015	0.64	1.21	2.02	2.8	0.412	0.0564	0.0328	0.0453	0.0702	0.277	0.111	0.0669
1/27/2016	-0.331	1.39	2.38	2.89	0.331	0.0131	0.0271	0.0244	0.0163	0.344	0.0825	0.013
2/25/2016	-0.0894	1.26	2.14	3.19	0.456	0.0701	0.0475	0.0543	0.0733	0.325	0.122	0.0588
3/22/2016	1.26	1.14	1.85	2.87	0.416	0.0659	0.0218	0.0468	0.092	0.358	0.126	0.0738
4/26/2016	1.08	1.23	2.02	2.85	0.373	0.0452	0.03	0.0374	0.0562	0.331	0.102	0.0451
5/19/2016	-0.962	1.17	2.06	3.11	0.512	0.0469	0.0389	0.0551	0.0583	0.327	0.146	0.0468
6/1/2016	-1.16	1.21	2.11	2.81	0.404	0.0288	0.0477	0.0479	0.0358	0.402	0.129	0.0287
6/24/2016	-1.22	1.26	2.21	2.84	0.401	0.1	0.0261	0.0519	0.0978	0.297	0.108	0.0633

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-04-JC Tc99**

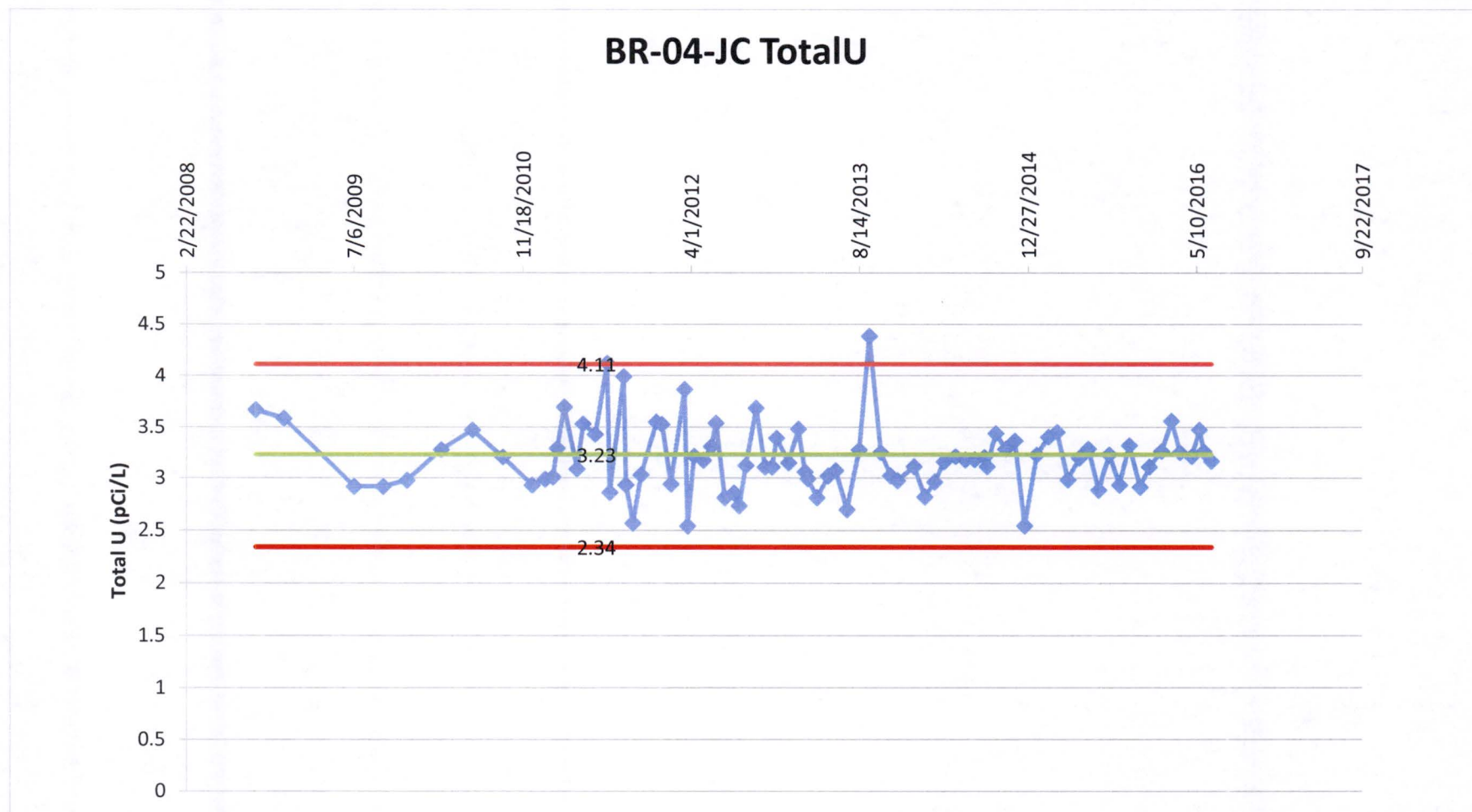


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



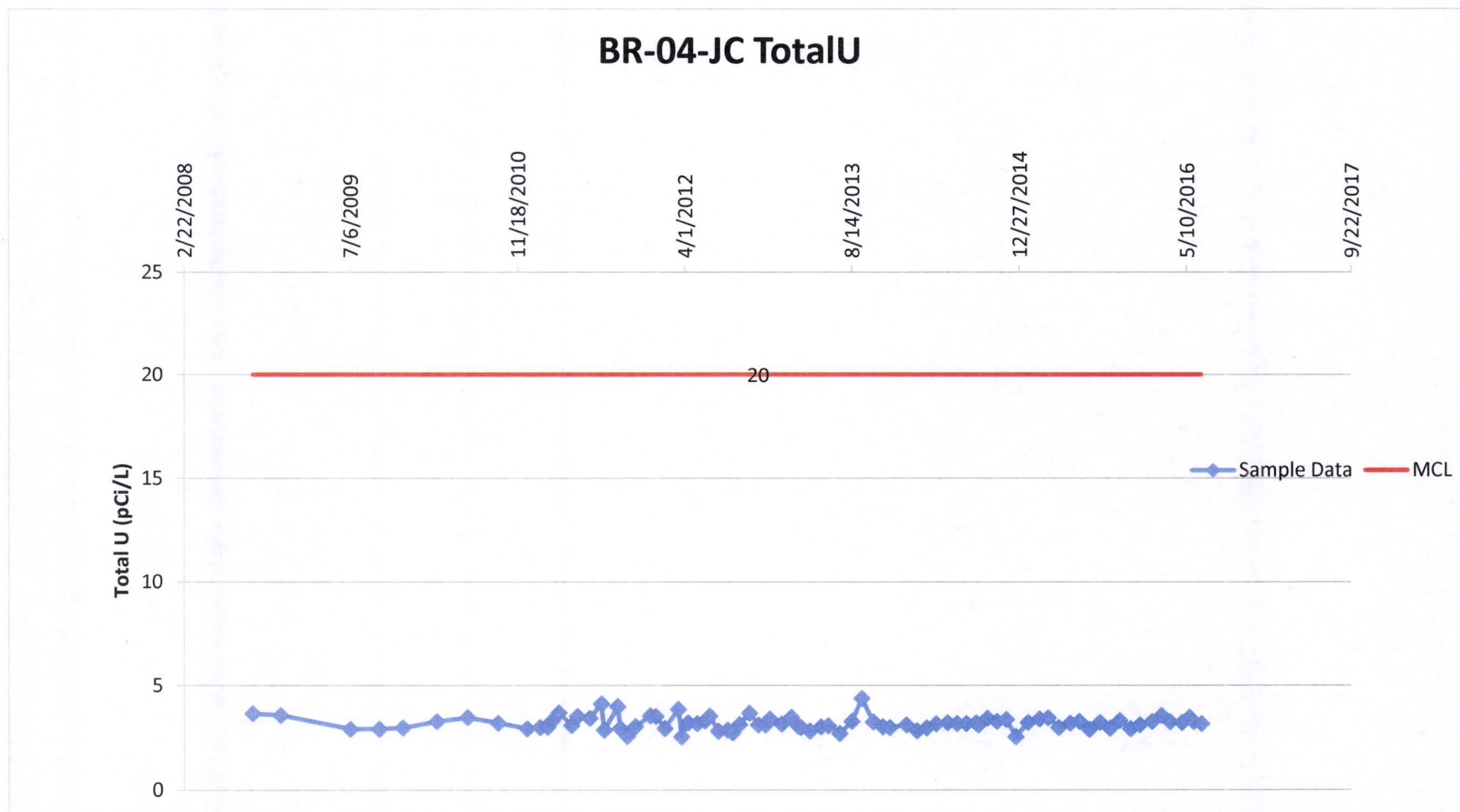


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

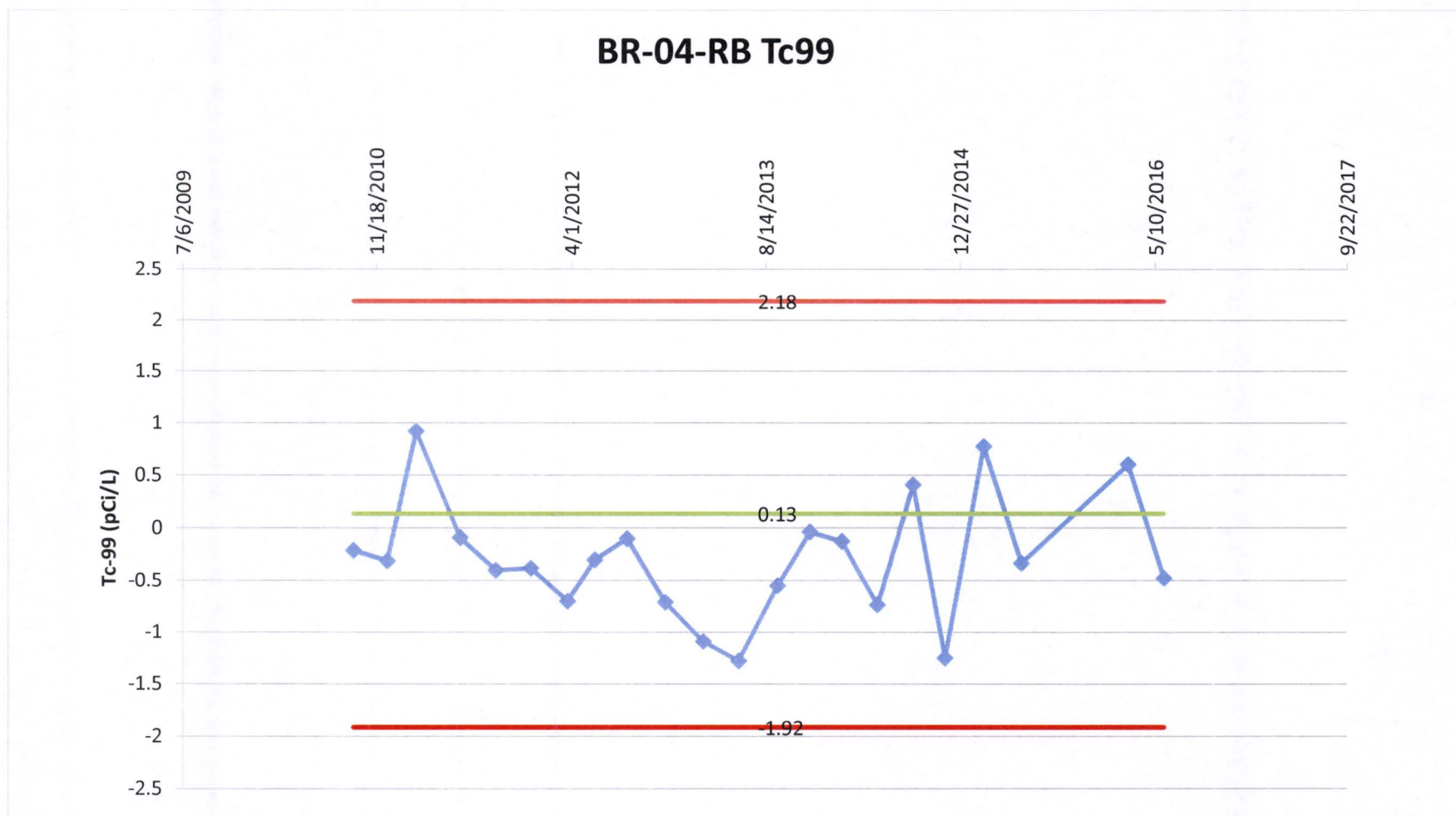
Well ID BR-04-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/20/2010	-0.21	0.94	1.6	2.42	0.48	0.1	0.024	0.048	0.065	0.063	0.079	0.11
12/16/2010	-0.31	0.94	1.6	2.39	0.43	0.09	-0.01	0.014	0.1	0.24	0.12	0.07
2/28/2011	0.92	0.84	1.4	3.19	0.53	0.07	0	0.02	0.054	0.17	0.11	0.07
6/21/2011	-0.09	1	1.7	2.85	0.52	0.14	0	0.023	0.063	0.27	0.15	0.1
9/20/2011	-0.4	1.1	1.9	2.93	0.53	0.13	0.017	0.047	0.1	0.36	0.16	0.05
12/19/2011	-0.38	0.94	1.6	2.39	0.43	0.08	0.028	0.054	0.098	0.27	0.13	0.04
3/22/2012	-0.7	1.1	1.9	2.4	0.39	0.06	0.004	0.032	0.085	0.23	0.1	0.03
5/31/2012	-0.3	1	1.7	2.74	0.4	0.08	0.012	0.024	0.033	0.225	0.096	0.026
8/22/2012	-0.1	1	1.8	2.38	0.44	0.12	-0.0049	0.0098	0.089	0.21	0.12	0.09
11/28/2012	-0.71	0.87	1.5	2.66	0.41	0.07	0.021	0.039	0.07	0.23	0.11	0.08
3/6/2013	-1.09	0.968	1.72	2.55	0.389	0.065	0	0.0107	0.0348	0.175	0.0864	0.0279
6/5/2013	-1.28	1.15	2.06	2.36	0.37	0.0642	0.0254	0.036	0.0344	0.216	0.0982	0.0641
9/13/2013	-0.549	1.2	2.07	2.87	0.541	0.166	0.0109	0.0524	0.134	0.238	0.153	0.157
12/6/2013	-0.0367	1.28	2.18	2.5	0.341	0.0555	0.0101	0.0367	0.0786	0.21	0.0836	0.063
2/26/2014	-0.126	1.23	2.09	2.32	0.369	0.0844	0.0337	0.0465	0.0721	0.163	0.0852	0.0578



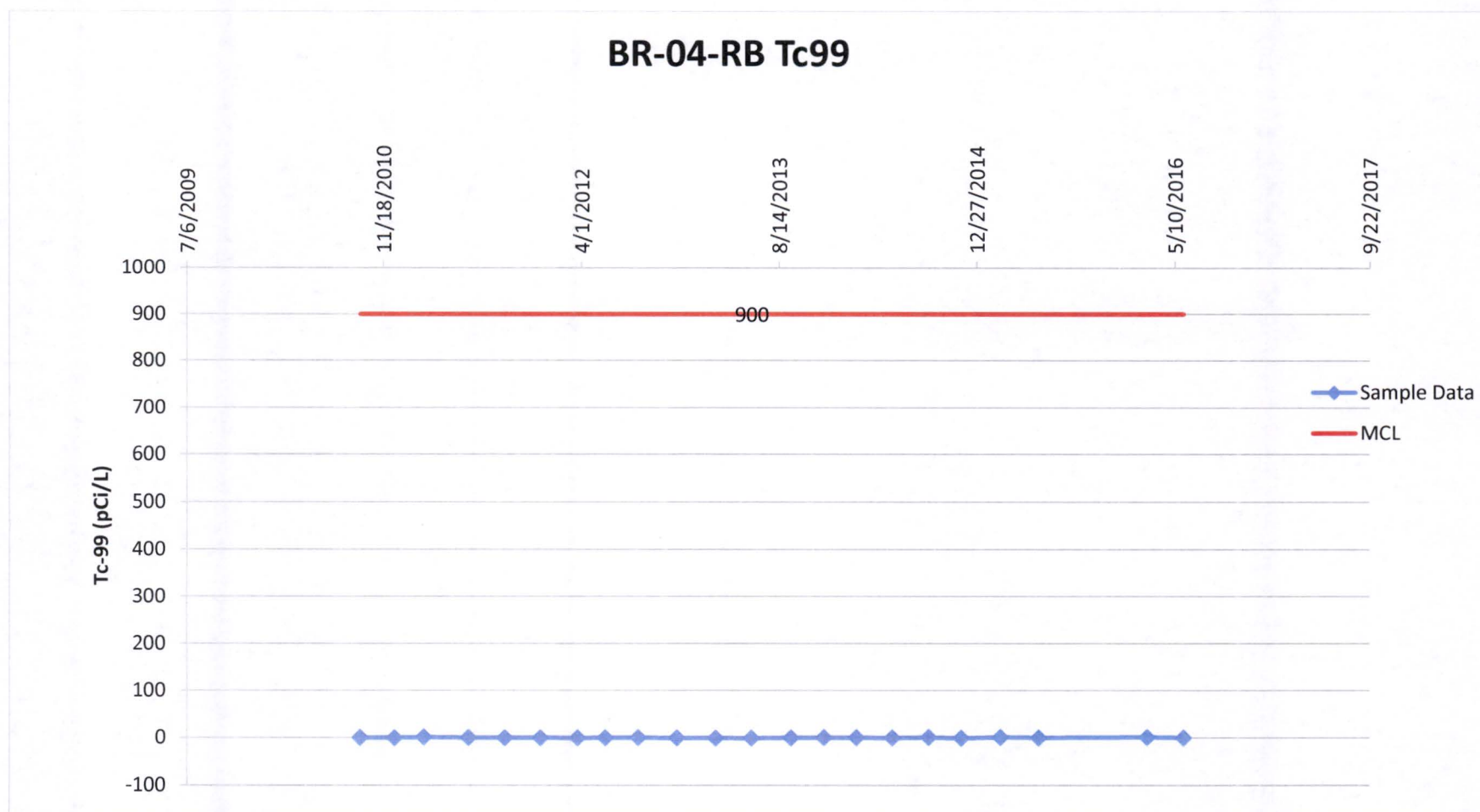
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-04-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
5/28/2014	-0.737	1.35	2.33	2.38	0.367	0.0649	0.0369	0.0427	0.0369	0.134	0.0751	0.0545
8/28/2014	0.41	1.21	2.03	1.88	0.312	0.0632	0.00698	0.0259	0.0662	0.251	0.103	0.0631
11/18/2014	-1.25	1.38	2.41	2.11	0.339	0.0548	0.0072	0.0267	0.0682	0.148	0.0776	0.0297
2/25/2015	0.774	1.19	1.96	2.52	0.39	0.0848	0.0207	0.0387	0.0724	0.101	0.0675	0.0581
6/1/2015	-0.333	1.23	2.1	2.59	0.358	0.0491	0.0616	0.0528	0.0611	0.21	0.087	0.0678
3/1/2016	0.602	1.24	2.06	2.11	0.339	0.0643	0.0071	0.0264	0.0673	0.146	0.0766	0.0293
6/1/2016	-0.478	1.23	2.11	2.41	0.355	0.0265	0.00412	0.0259	0.0695	0.204	0.0919	0.0771

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

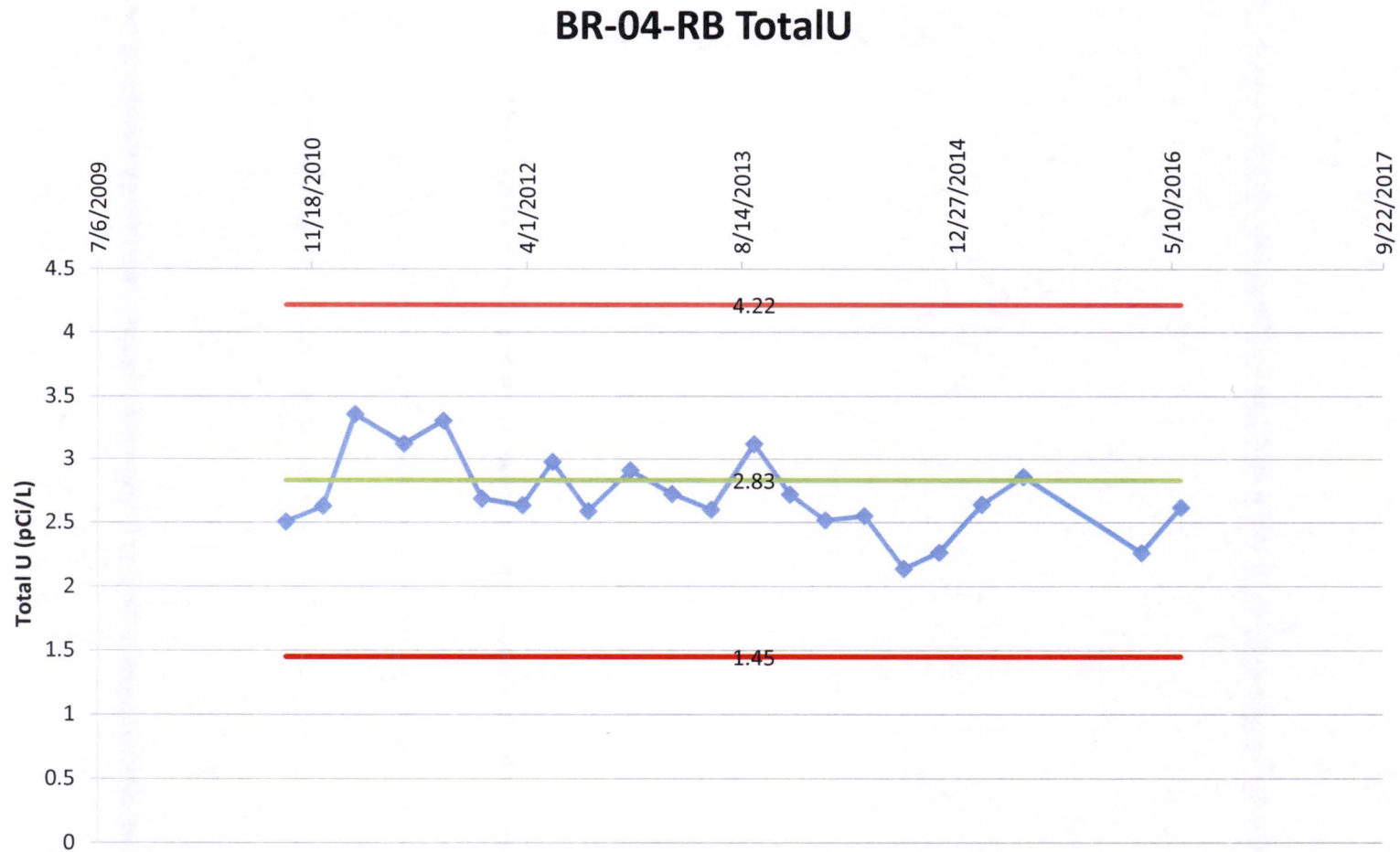


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

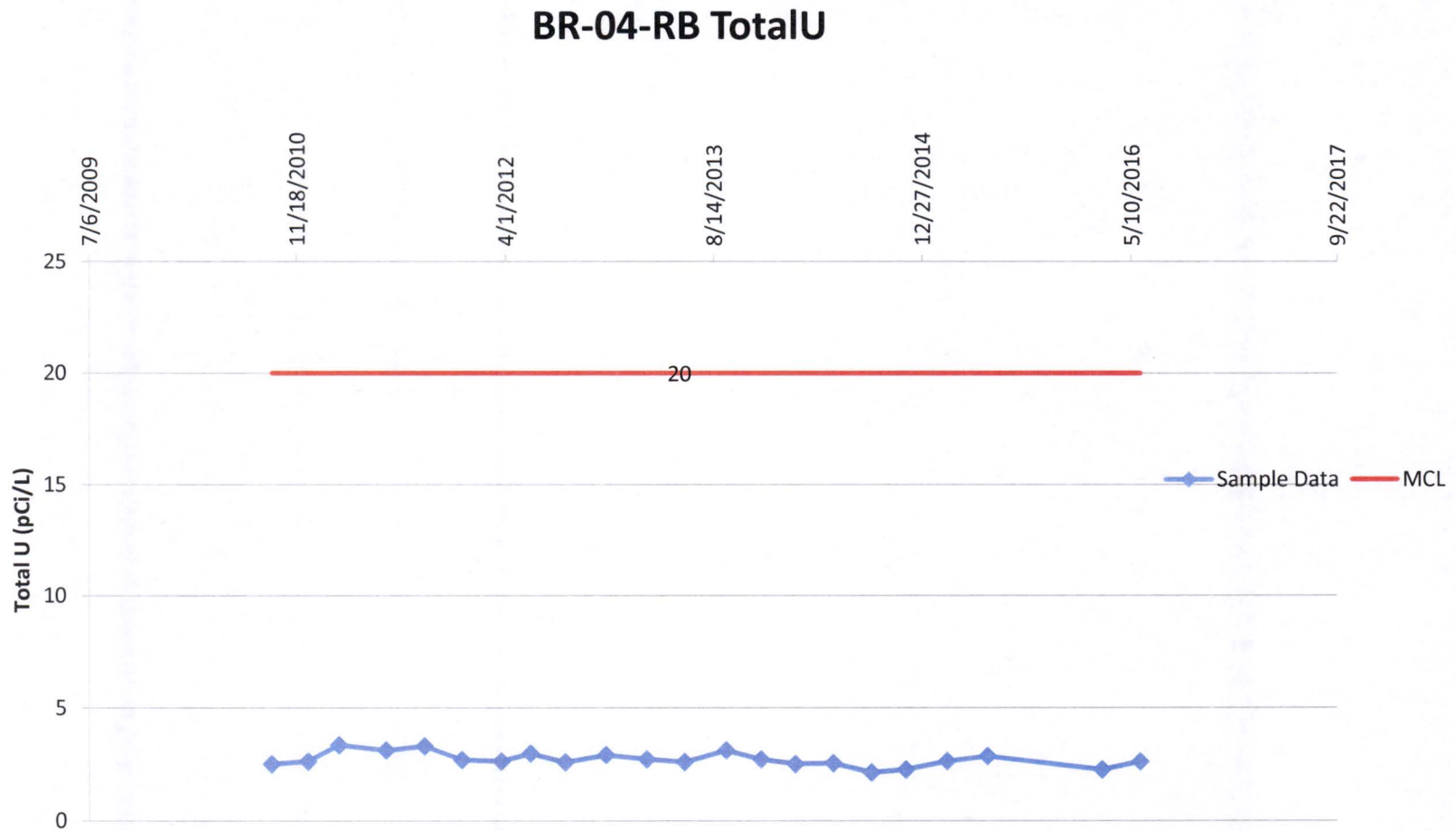




**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-05-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/28/2010	1.02	0.99	1.6	4.5	0.64	0.1	0.019	0.038	0.051	0.31	0.14	0.08
12/16/2010	0.27	0.96	1.6	4.43	0.67	0.05	-0.006	0.011	0.1	0.33	0.16	0.09
2/23/2011	-0.61	0.95	1.6	3.89	0.61	0.12	0.043	0.061	0.058	0.28	0.14	0.1
6/21/2011	0.6	1.1	1.9	4.45	0.66	0.12	-0.021	0.021	0.13	0.38	0.17	0.11
9/21/2011	-0.518	0.996	1.7	3.7	0.56	0.04	0.046	0.065	0.097	0.22	0.12	0.09
12/19/2011	-0.9	1.3	2.4	3.99	0.62	0.13	0.021	0.064	0.14	0.26	0.14	0.12
3/20/2012	-0.5	1.1	1.8	4.35	0.56	0.11	0.027	0.046	0.078	0.32	0.12	0.07
5/30/2012	0.078	0.999	1.7	4.44	0.56	0.05	0.036	0.042	0.032	0.37	0.13	0.07
8/21/2012	-0.3	1	1.7	4.38	0.67	0.12	0.011	0.046	0.12	0.28	0.15	0.14
11/27/2012	-0.28	0.91	1.6	4.34	0.56	0.07	0.007	0.028	0.067	0.48	0.15	0.07
3/5/2013	-0.412	1.05	1.82	4.11	0.543	0.0557	0.021	0.0391	0.0693	0.257	0.109	0.0667
6/4/2013	-0.135	1.02	1.77	4.11	0.528	0.0606	0.012	0.0241	0.0325	0.328	0.116	0.0261
9/18/2013	-0.621	1.3	2.26	4.51	0.726	0.217	0.0437	0.0933	0.184	0.211	0.154	0.187
12/10/2013	-0.891	1.35	2.35	3.95	0.525	0.0578	0.0466	0.0533	0.0719	0.367	0.13	0.0686
2/27/2014	-1.25	1.23	2.14	4.24	0.575	0.0664	0.015	0.0299	0.0449	0.42	0.146	0.036

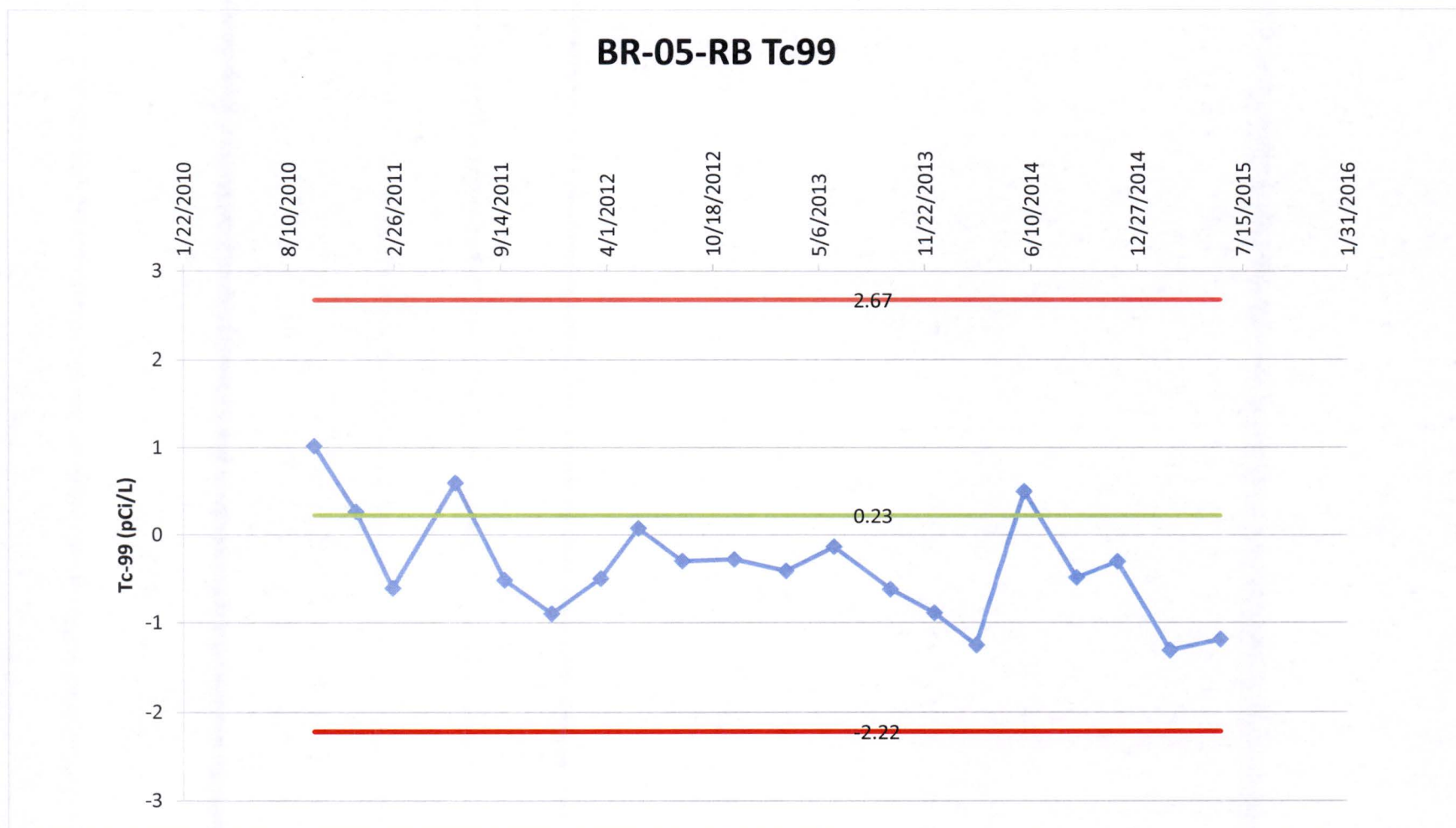


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

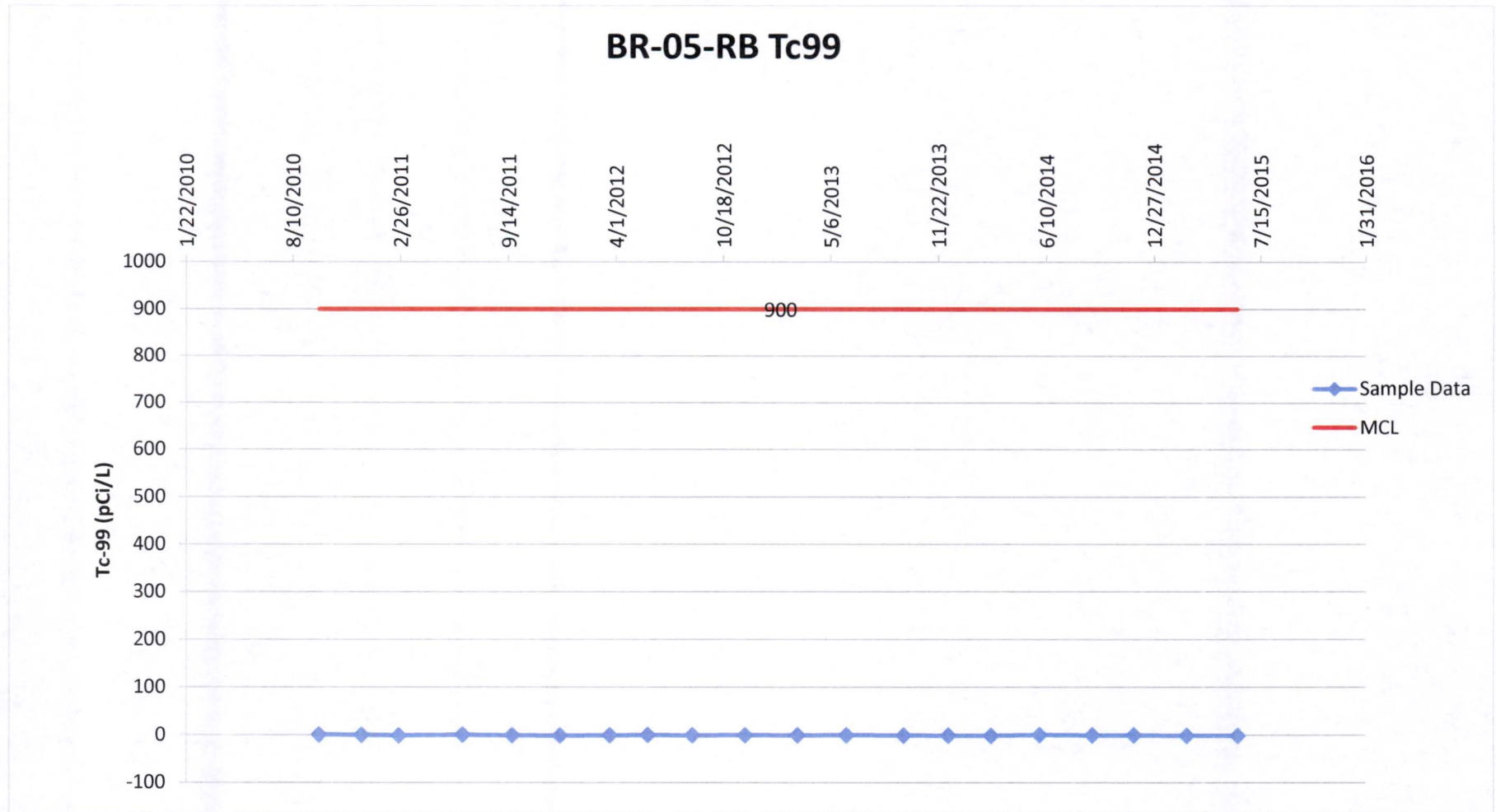
Well ID BR-05-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
5/28/2014	0.503	1.38	2.32	4.24	0.434	0.0403	0.0454	0.0289	0.0136	0.287	0.0705	0.0348
9/3/2014	-0.488	1.32	2.28	4.18	0.533	0.0531	0.00698	0.0259	0.0661	0.374	0.124	0.0288
11/19/2014	-0.303	1.55	2.64	3.98	0.523	0.0813	0.00733	0.0272	0.0694	0.33	0.122	0.0743
2/26/2015	-1.31	1.27	2.22	4.11	0.445	0.0584	0.0354	0.0291	0.0177	0.379	0.0915	0.0362
6/2/2015	-1.19	1.24	2.16	4.45	0.528	0.0678	0.0518	0.049	0.0609	0.305	0.102	0.0488



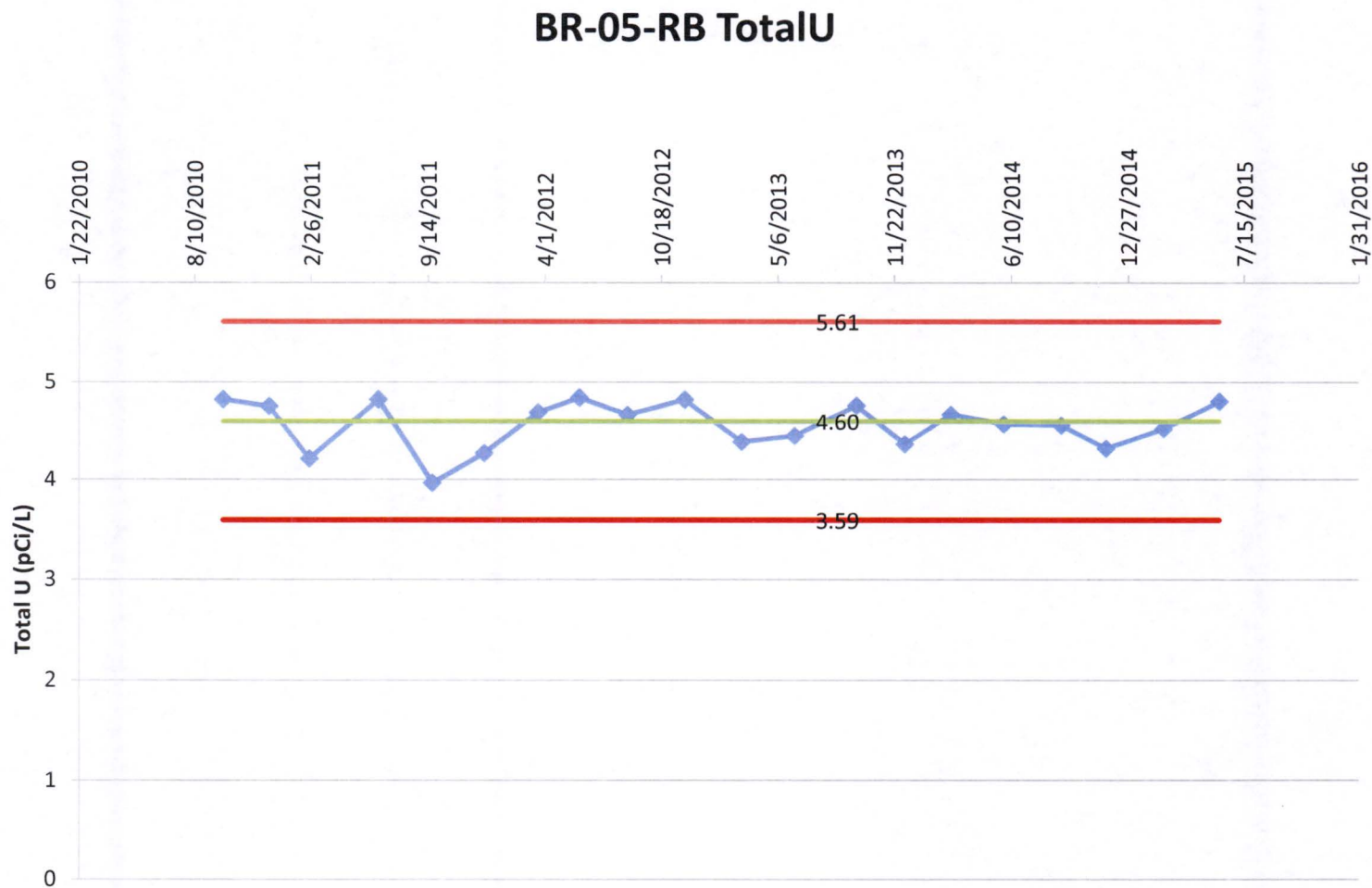
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



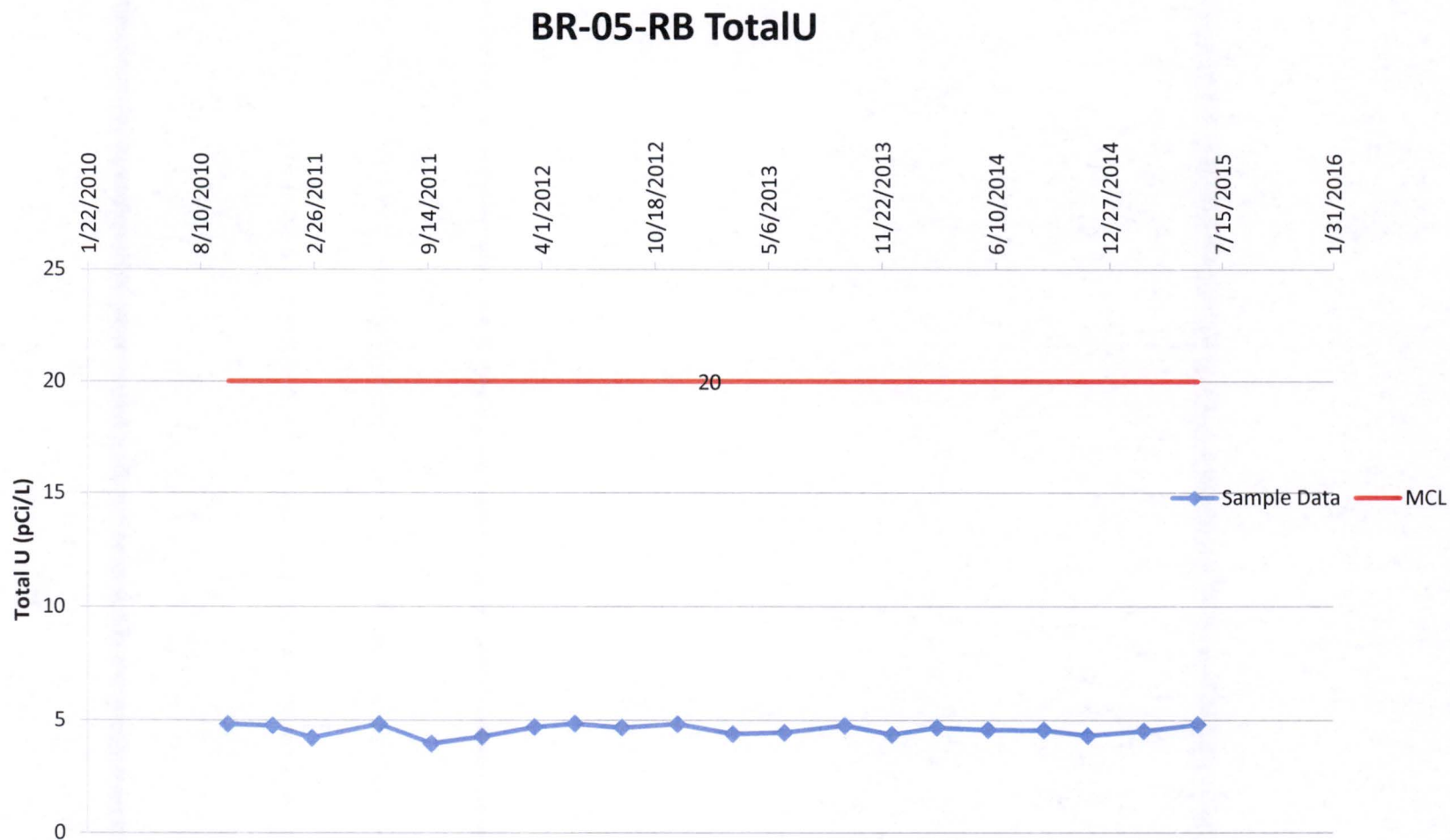
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

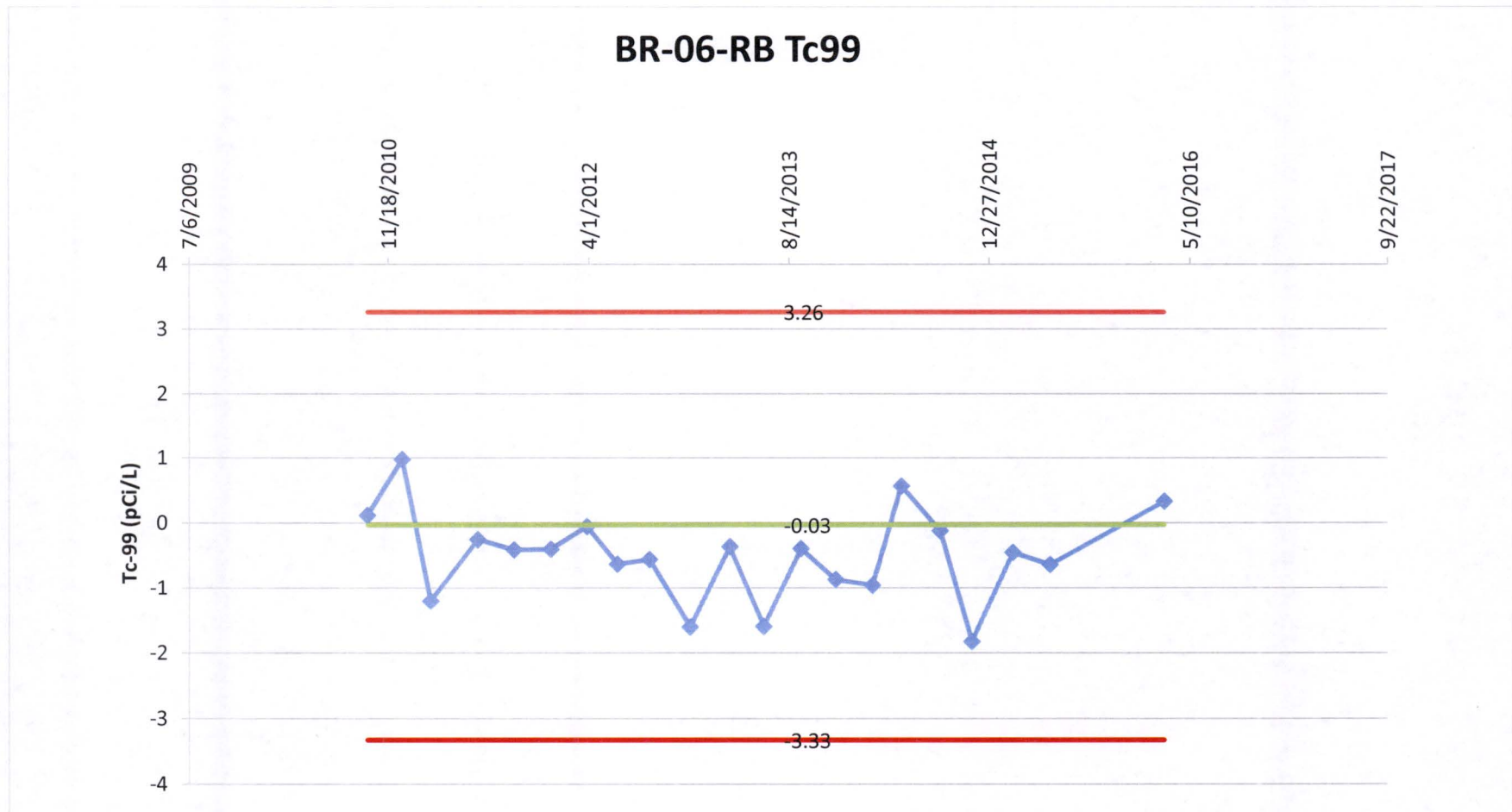
Well ID BR-06-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/25/2008	-5.21	0	5.33	7.49	0	0.05	0.05	0	0.04	0.43	0	0.03
9/27/2010	0.12	0.96	1.6	6.78	0.92	0.11	0.006	0.051	0.14	0.46	0.19	0.1
12/23/2010	0.98	0.87	1.4	5.05	0.68	0.1	0.031	0.051	0.08	0.23	0.13	0.14
3/4/2011	-1.2	1.1	1.9	6.18	0.83	0.05	0	0.021	0.058	0.33	0.16	0.1
6/29/2011	-0.25	0.84	1.5	5.91	0.59	0.03	0.046	0.034	0.038	0.445	0.094	0.03
9/27/2011	-0.41	0.98	1.7	5.75	0.8	0.11	0.022	0.044	0.06	0.46	0.18	0.08
12/28/2011	-0.4	1.1	1.9	5.06	0.72	0.08	0.041	0.058	0.056	0.29	0.14	0.1
3/27/2012	-0.05	0.97	1.7	6.93	0.81	0.09	0.023	0.042	0.073	0.37	0.13	0.03
6/11/2012	-0.63	0.87	1.5	4.94	0.6	0.06	0.058	0.052	0.031	0.29	0.11	0.07
8/30/2012	-0.56	0.9	1.6	6.29	0.74	0.06	0.008	0.029	0.07	0.37	0.13	0.06
12/10/2012	-1.6	1.4	2.5	6.28	0.73	0.07	0.038	0.044	0.034	0.44	0.14	0.06
3/19/2013	-0.364	0.943	1.64	6.24	0.731	0.0734	-0.0054	0.0108	0.0675	0.416	0.138	0.065
6/12/2013	-1.59	1.03	1.88	6.51	0.775	0.0819	0.0516	0.059	0.0753	0.302	0.123	0.0725
9/13/2013	-0.394	1.19	2.06	6	0.856	0.16	0.0154	0.0509	0.121	0.317	0.166	0.122
12/9/2013	-0.869	1.3	2.26	6.6	0.662	0.0149	0.0619	0.0395	0.0186	0.466	0.105	0.038

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-06-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
3/11/2014	-0.958	1.25	2.16	5.97	0.63	0.0183	0.0559	0.0442	0.0479	0.444	0.11	0.0182
5/22/2014	0.567	1.25	2.09	6.37	0.648	0.046	0.0349	0.038	0.0573	0.42	0.105	0.068
8/27/2014	-0.12	1.24	2.11	6.05	0.704	0.0295	0.049	0.0492	0.0368	0.357	0.126	0.0792
11/14/2014	-1.82	1.27	2.24	7.02	0.812	0.0817	0.0827	0.0679	0.0414	0.329	0.127	0.0816
2/24/2015	-0.453	1.27	2.18	6.61	0.779	0.074	0.042	0.0487	0.042	0.427	0.143	0.0337
5/27/2015	-0.64	1.17	2.02	6.38	0.64	0.0144	0.0487	0.0374	0.0422	0.365	0.0907	0.0419
3/7/2016	0.331	1.22	2.05	6.04	0.716	0.0777	0.00218	0.0304	0.0862	0.464	0.147	0.0691



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

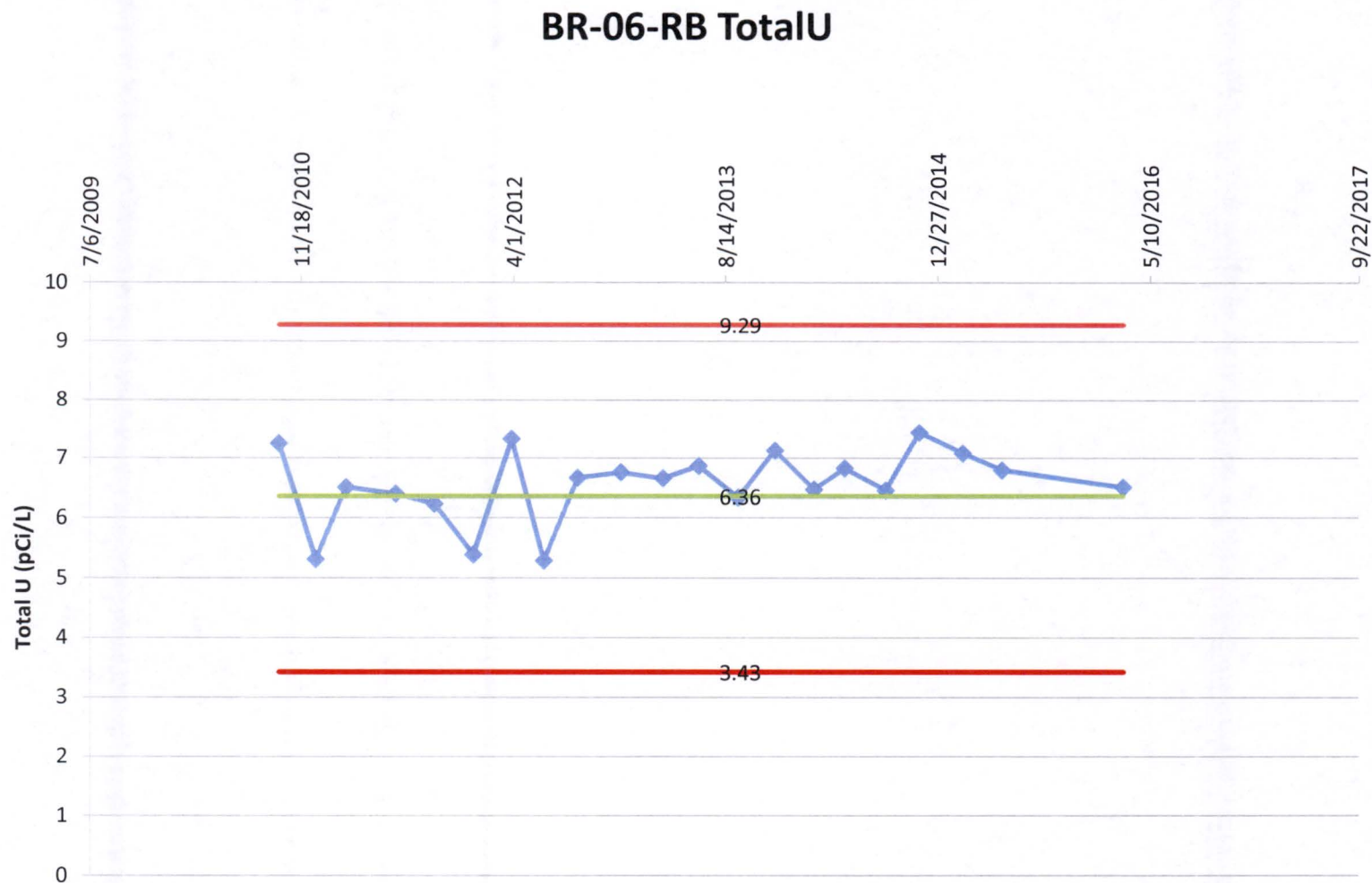


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

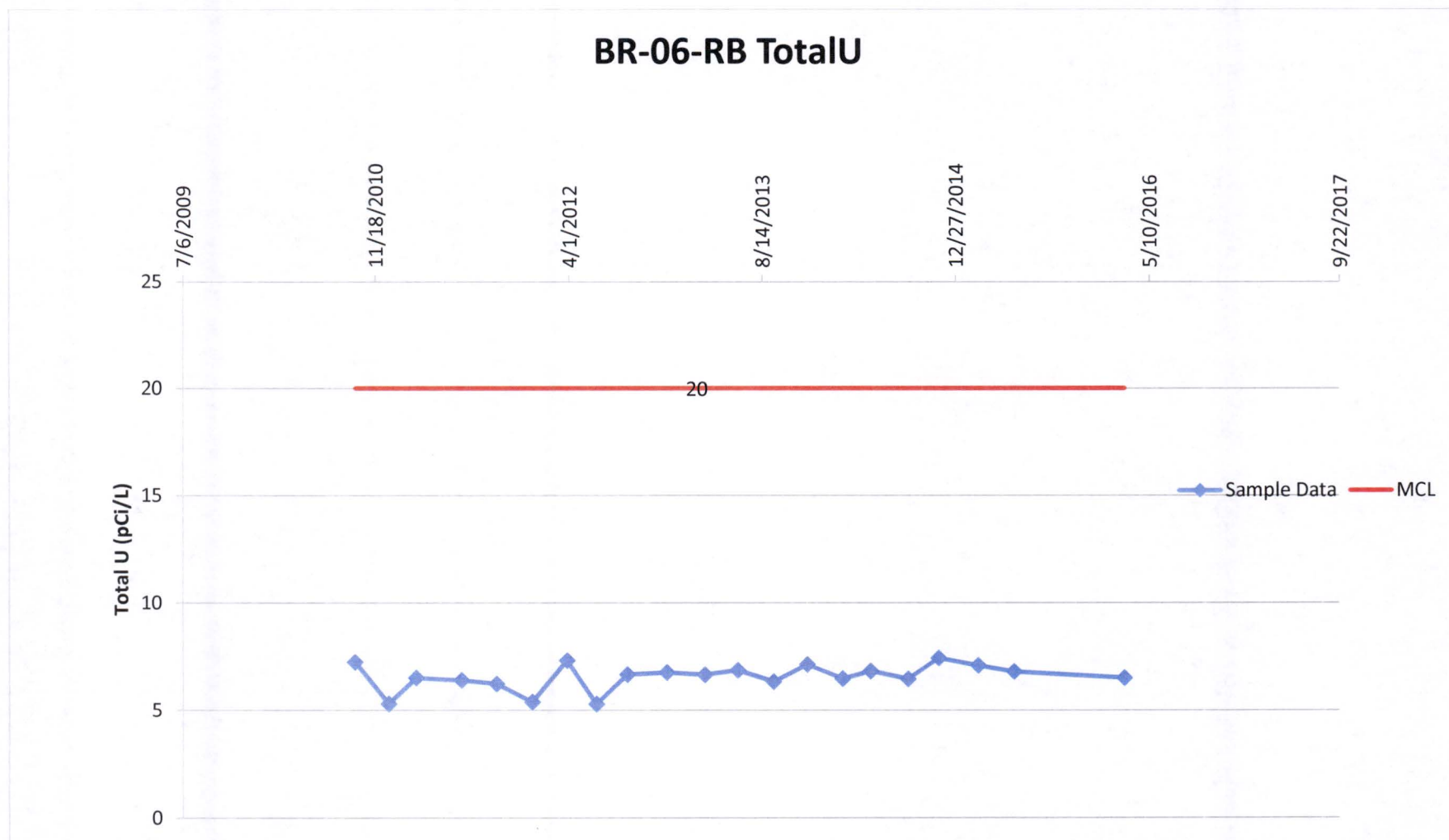




**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID R-07-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/28/2007	-0.205	0	6.31	3.744	0	0.0869	0.07465	0	0.06202	0.7622	0	0.1003
9/19/2007	-0.87	0	5.47	3.71	0	0.1365	0.06654	0	0.04871	0.5956	0	0.1277
12/5/2007	-6.32	0	5.9	4.916	0.6262	0.1081	-0.0179	0.02073	0.08185	0.8061	0.224	0.09363
3/3/2008	-0.802	3.01	4.99	4.703	0.5832	0.116	0.07873	0.07061	0.02322	0.7073	0.2032	0.1106
6/26/2008	-6.18	0	5.91	4.28	0	0.13	0.04	0	0.04	0.41	0	0.06
9/17/2008	-0.4	1.7	3	3.62	0.46	0	0.036	0.042	0	0.42	0	0.05
12/11/2008	-2.7	1.2	2	3.86	0.51	0	0.108	0.078	0	0.34	0	0.05
3/24/2009	-0.93	0.74	1	4.09	0.62	0	0.055	0.07	0	0.54	0	0.11
7/7/2009	1.2	1.3	2.2	4.27	0.64	0.12	-0.005	0.01	0.091	0.56	0.2	0.11
10/5/2009	-0.3	1.1	1.9	4.02	0.53	0.07	0.091	0.069	0.035	0.52	0.16	0.07
12/14/2009	-0.8	1.1	1.9	3.97	0.69	0.24	0.052	0.099	0.18	0.39	0.2	0.15
3/24/2010	-0.08	0.97	1.7	4.28	0.65	0.12	0.053	0.074	0.11	0.4	0.18	0.13
6/25/2010	0.07	0.85	1.4	3.93	0.6	0.11	0.019	0.039	0.053	0.43	0.17	0.07
9/23/2010	-0.51	0.91	1.6	3.71	0.67	0.12	0.029	0.059	0.08	0.38	0.19	0.06
12/21/2010	-0.37	0.93	1.6	4.43	0.65	0.1	-0.005	0.01	0.092	0.34	0.16	0.1



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

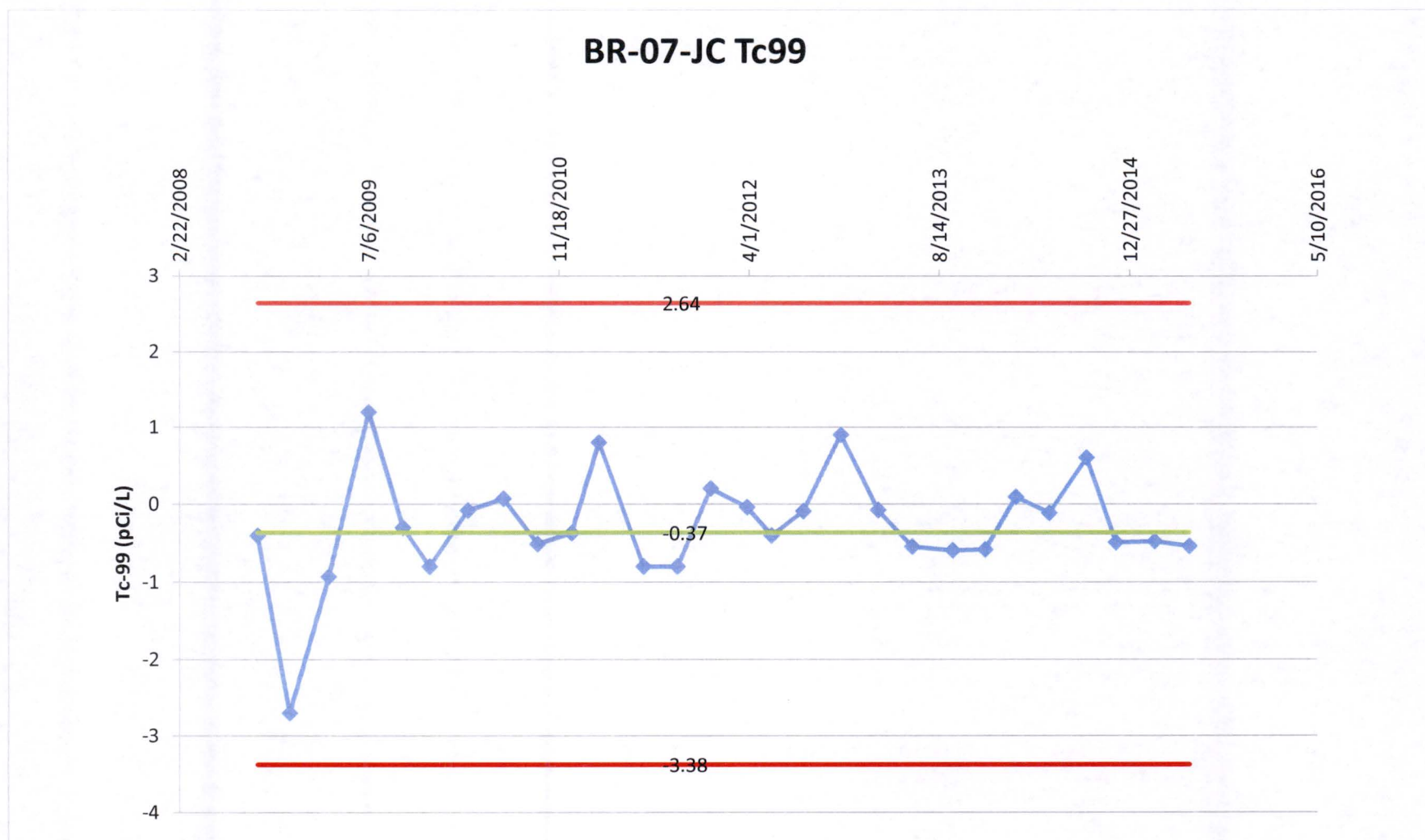
Well ID R-07-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
3/3/2011	0.8	1	1.7	4.4	0.65	0.07	-0.0049	0.0099	0.09	0.39	0.16	0.07
6/28/2011	-0.8	1.7	3	4.07	0.43	0.03	0.041	0.029	0.014	0.342	0.08	0.011
9/26/2011	-0.8	1.1	1.9	4.24	0.63	0.09	0.04	0.056	0.054	0.32	0.15	0.1
12/22/2011	0.2	1	1.8	4.25	0.62	0.09	0.032	0.053	0.084	0.33	0.14	0.04
3/27/2012	-0.04	0.98	1.7	4.36	0.69	0.05	0.025	0.049	0.067	0.57	0.22	0.05
5/31/2012	-0.4	1.1	1.8	4.14	0.52	0.06	0.007	0.025	0.06	0.42	0.13	0.02
8/23/2012	-0.09	0.94	1.6	4.35	0.56	0.06	0.037	0.043	0.034	0.26	0.1	0.03
11/29/2012	0.9	1	1.7	3.97	0.52	0.06	0.044	0.05	0.064	0.33	0.12	0.05
3/7/2013	-0.077	1.05	1.8	3.95	0.499	0.0459	0	0.0091	0.0296	0.312	0.109	0.0458
6/5/2013	-0.546	1.08	1.89	4.12	0.533	0.0523	0	0.0104	0.0337	0.399	0.131	0.027
9/19/2013	-0.594	1.29	2.23	5.14	0.822	0.135	0.0478	0.0848	0.153	0.474	0.221	0.153
12/13/2013	-0.582	1.26	2.17	4.3	0.546	0.0716	0	0.0101	0.0362	0.252	0.101	0.029
3/3/2014	0.0897	1.27	2.14	4.48	0.481	0.0606	0.0429	0.0326	0.0184	0.378	0.0919	0.0147
5/30/2014	-0.114	1.18	2.01	4.52	0.549	0.0569	0.0215	0.0305	0.0323	0.318	0.111	0.0637
9/5/2014	0.601	1.23	2.05	4.56	0.578	0.0567	0.0404	0.0534	0.084	0.283	0.111	0.0566



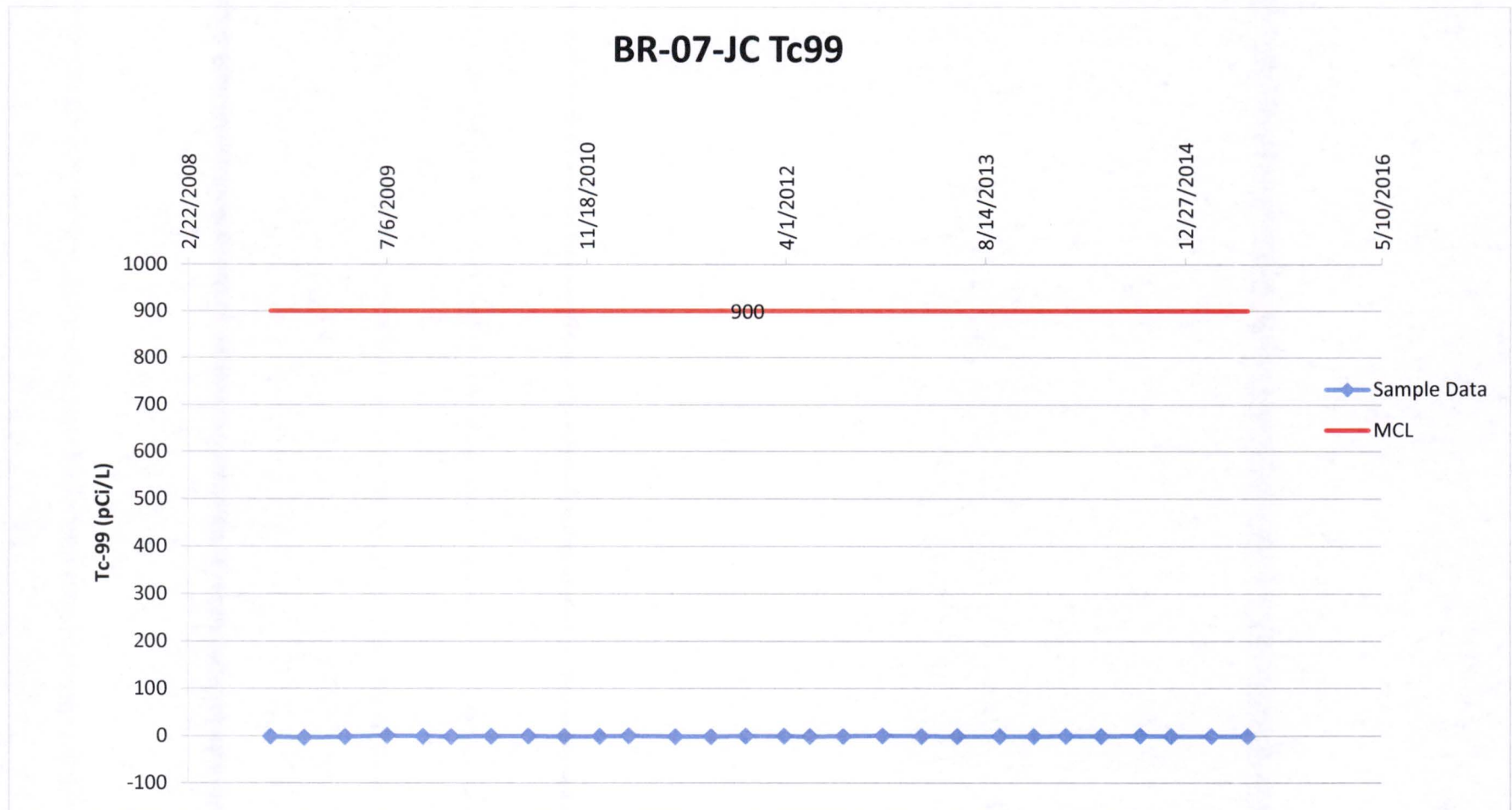
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID R-07-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
11/21/2014	-0.492	1.22	2.1	4.26	0.547	0.03	0.0695	0.0622	0.0688	0.371	0.128	0.0657
3/3/2015	-0.477	1.37	2.35	3.86	0.502	0.0819	-0.0079	0.0307	0.0948	0.374	0.124	0.0522
6/3/2015	-0.54	1.21	2.08	4.47	0.528	0.0671	0.0859	0.0577	0.0286	0.401	0.117	0.0483

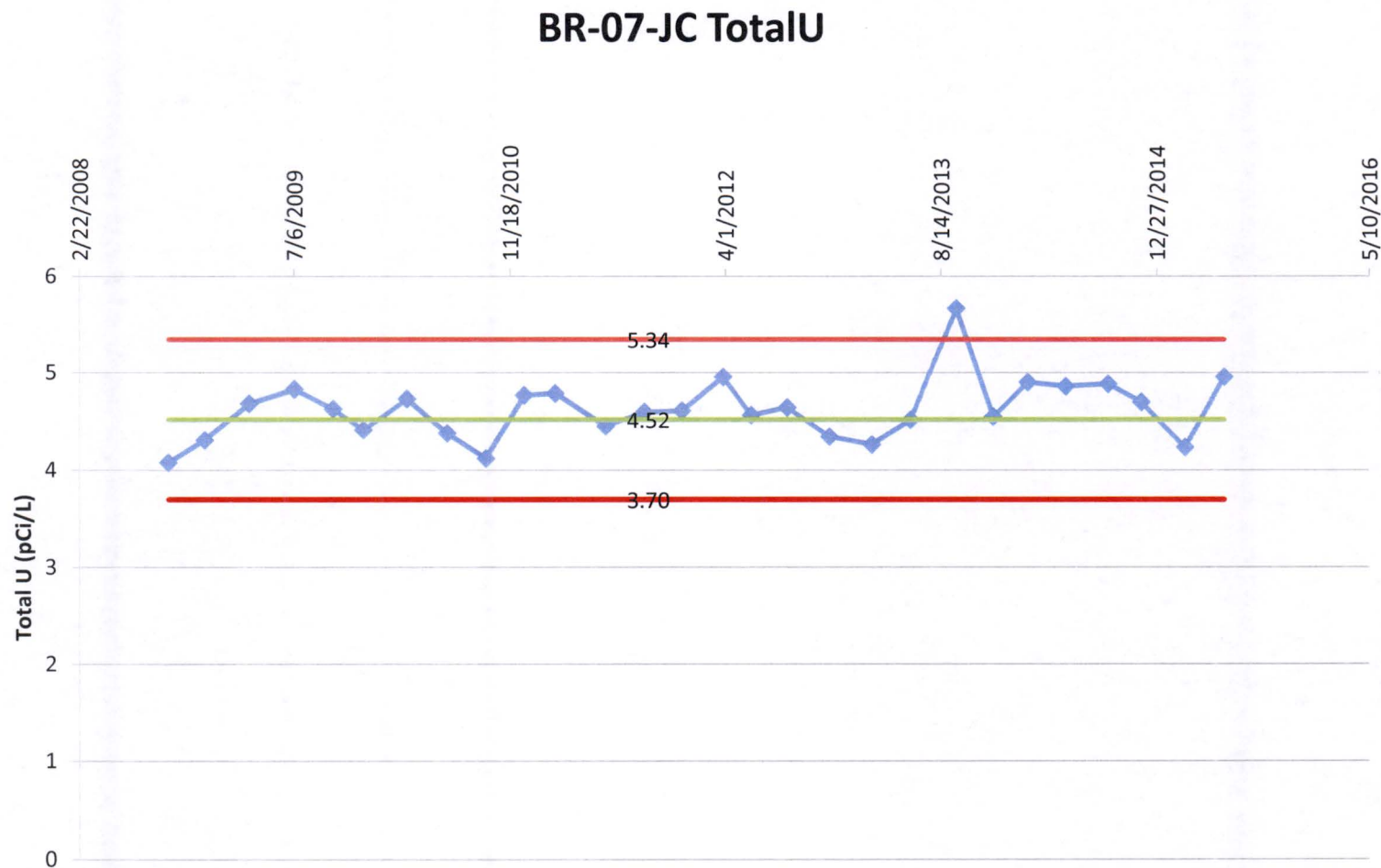
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

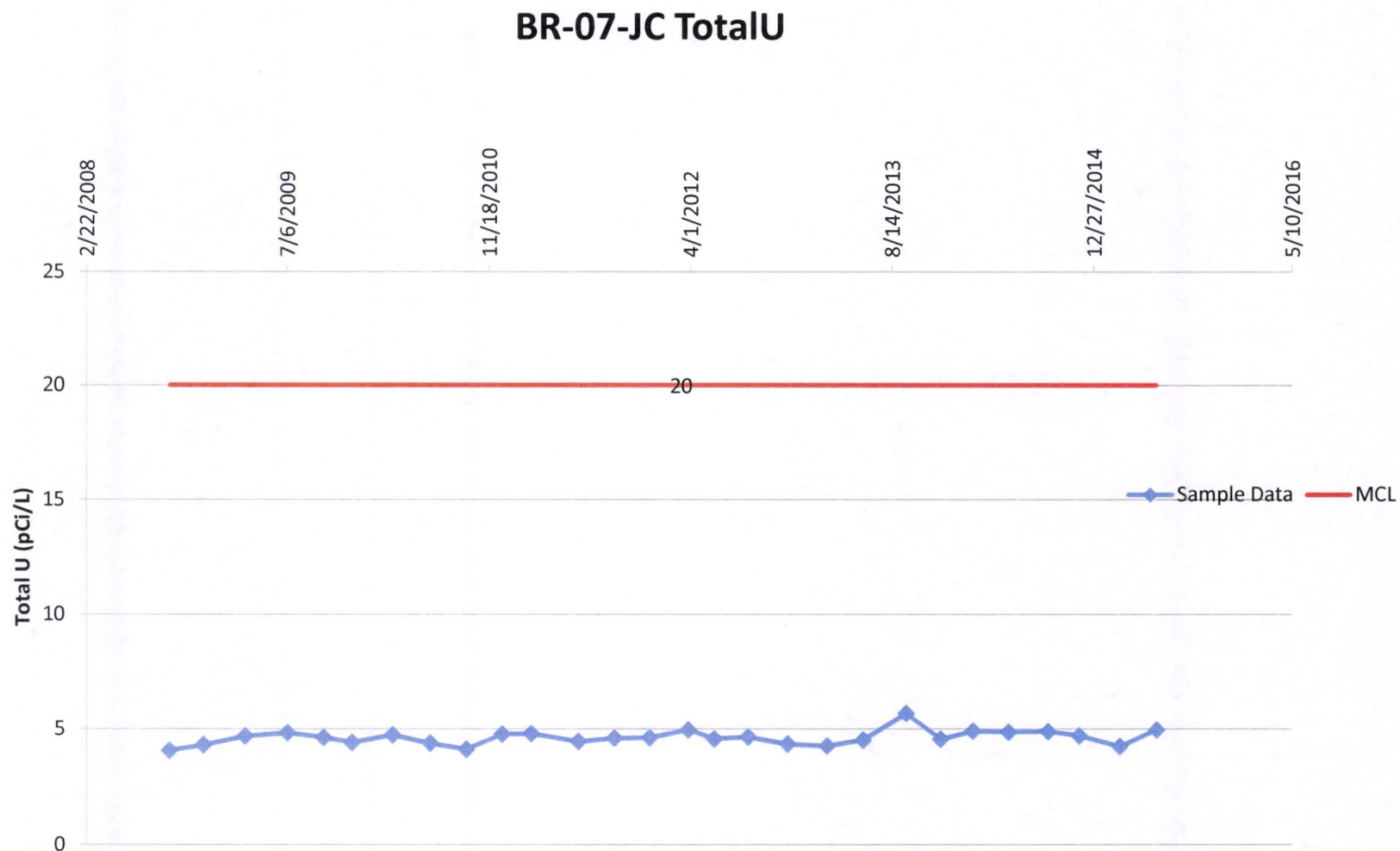


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-08-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/28/2007	-0.64	0.75	6.74	0.5455	0	0.1217	0.01265	0	0.1137	0.08747	0	0.1301
9/18/2007	1.55	0	5.38	1.142	0	0.1371	0.04539	0	0.047	0.4177	0	0.1261
12/4/2007	-1.16	0	5.6	0.8426	0.2246	0.0901	0.01655	0.03313	0.02441	0.2405	0.119	0.06371
3/3/2008	-1.54	0	5.08	0.6384	0.2732	0.2139	0.00887	0	0.11	0.1504	0.1842	0.2811
6/24/2008	-2.86	0	5.34	0.56	0	0.03	0.03	0.042	0.06	0.26	0	0.07
9/18/2008	1.9	0	3	0.48	0.17	0	0.048	0.062	0	0.09	0	0.06
12/8/2008	1.33	0.91	1	0.52	0.19	0	0.066	0.071	0	0.12	0	0.08
3/11/2009	2.03	0	1	0.46	0.14	0	0	1.7	0	0.16	0	0.06
7/1/2009	1.96	0.97	1.5	0.2	0.15	0.21	0.01	0.027	0.11	0.12	0	0.13
10/1/2009	0.2	1.3	2.2	0.32	0.15	0.1	0.031	0.061	0.11	0.18	0.11	0.05
12/8/2009	1.3	1.4	2.3	0.3	0.14	0.17	-0.014	0.053	0.13	0.136	0.088	0.1
3/23/2010	2	1.1	1.7	0.69	0.22	0.11	0.03	0.059	0.11	0.065	0.083	0.13
6/24/2010	1.7	1	1.6	0.38	0.15	0.12	0.029	0.04	0.039	0.124	0.081	0.078
9/22/2010	-0.1	1	1.7	0.4	0.17	0.1	0	0.02	0.054	0.091	0.079	0.072
12/17/2010	0.9	1	1.6	0.57	0.21	0.1	0.045	0.064	0.061	0.099	0.09	0.096



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

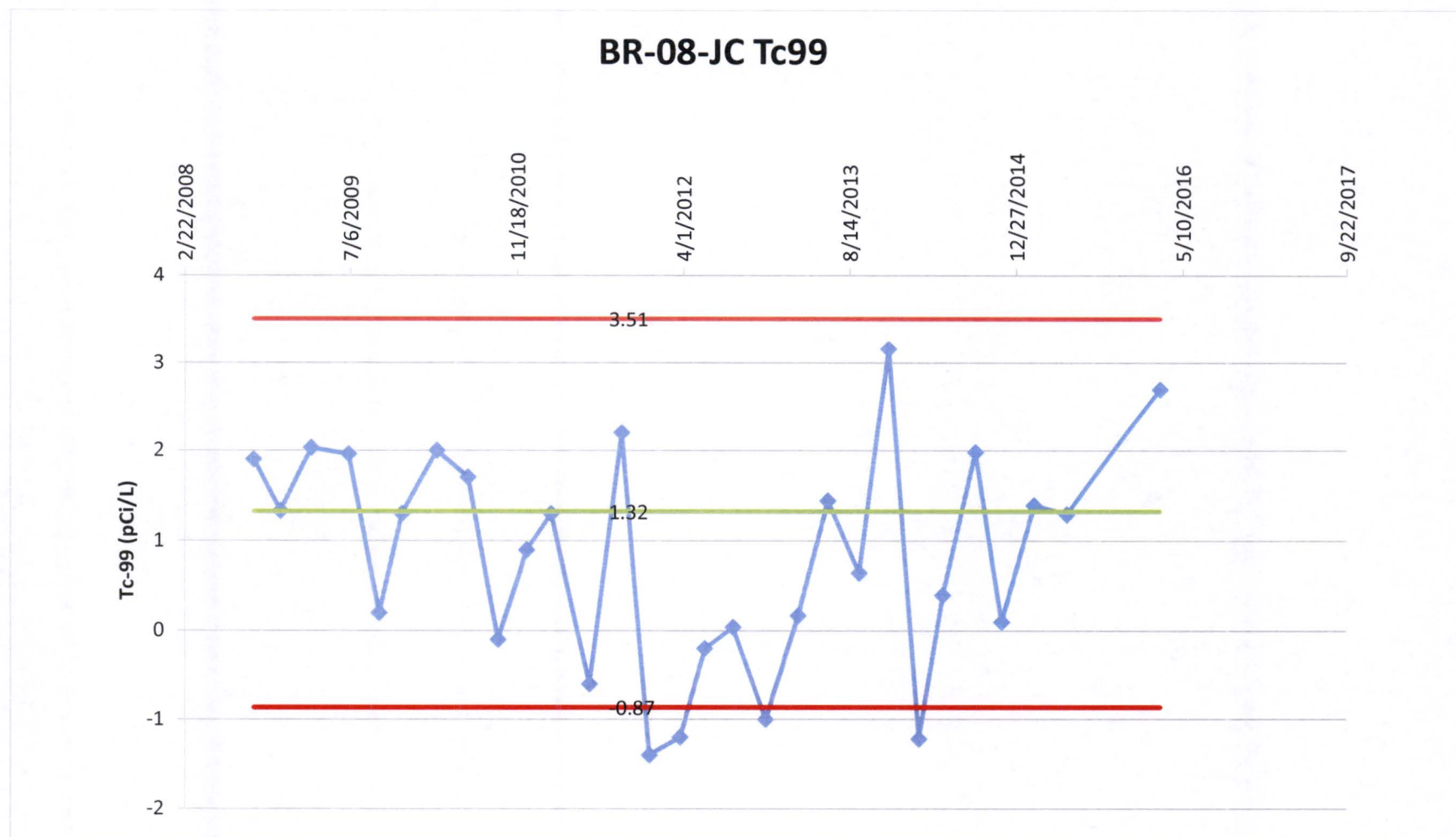
Well ID BR-08-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
2/28/2011	1.3	1.2	1.9	0.65	0.22	0.09	0	0.022	0.06	0.21	0.12	0.08
6/23/2011	-0.6	2	3.5	0.52	0.19	0.07	-0.005	0.01	0.093	0.18	0.11	0.07
9/28/2011	2.2	2.2	3.5	0.57	0.19	0.11	0.018	0.037	0.05	0.17	0.11	0.1
12/20/2011	-1.4	2.1	3.7	0.51	0.18	0.07	-0.0049	0.0097	0.088	0.094	0.077	0.042
3/22/2012	-1.2	1.9	3.4	0.44	0.15	0.08	0.003	0.032	0.084	0.111	0.076	0.076
6/4/2012	-0.2	1.9	3.3	0.42	0.13	0.03	0	0.01	0.033	0.128	0.074	0.061
8/28/2012	0.04	2.3	3.9	0.34	0.12	0.05	0.024	0.033	0.032	0.157	0.08	0.05
12/4/2012	-1	2.1	3.7	0.38	0.13	0.07	-0.01	0.014	0.073	0.138	0.077	0.066
3/12/2013	0.171	1.04	1.77	0.501	0.146	0.0266	0.0244	0.0346	0.0331	0.098	0.0625	0.0265
6/10/2013	1.44	2.66	4.48	0.418	0.283	0.0918	0.0128	0.0514	0.0347	0.15	0.162	0.0539
9/12/2013	0.644	1.43	2.43	0.335	0.841	0.599	0.128	0.514	0.347	-0.0193	0.0772	0.438
12/9/2013	3.16	1.39	2.15	0.414	0.135	0.0787	0.0243	0.0345	0.0365	0.0699	0.0567	0.0641
3/10/2014	-1.22	2.56	4.45	0.499	0.14	0.0267	-0.0046	0.00925	0.0613	0.0764	0.0543	0.0492
5/21/2014	0.396	1.25	2.1	0.313	0.117	0.0822	0	0.00985	0.0355	0.0679	0.0551	0.0623
8/27/2014	1.98	1.35	2.16	0.324	0.121	0.0753	0.0127	0.0254	0.0381	0.0585	0.0561	0.0751

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

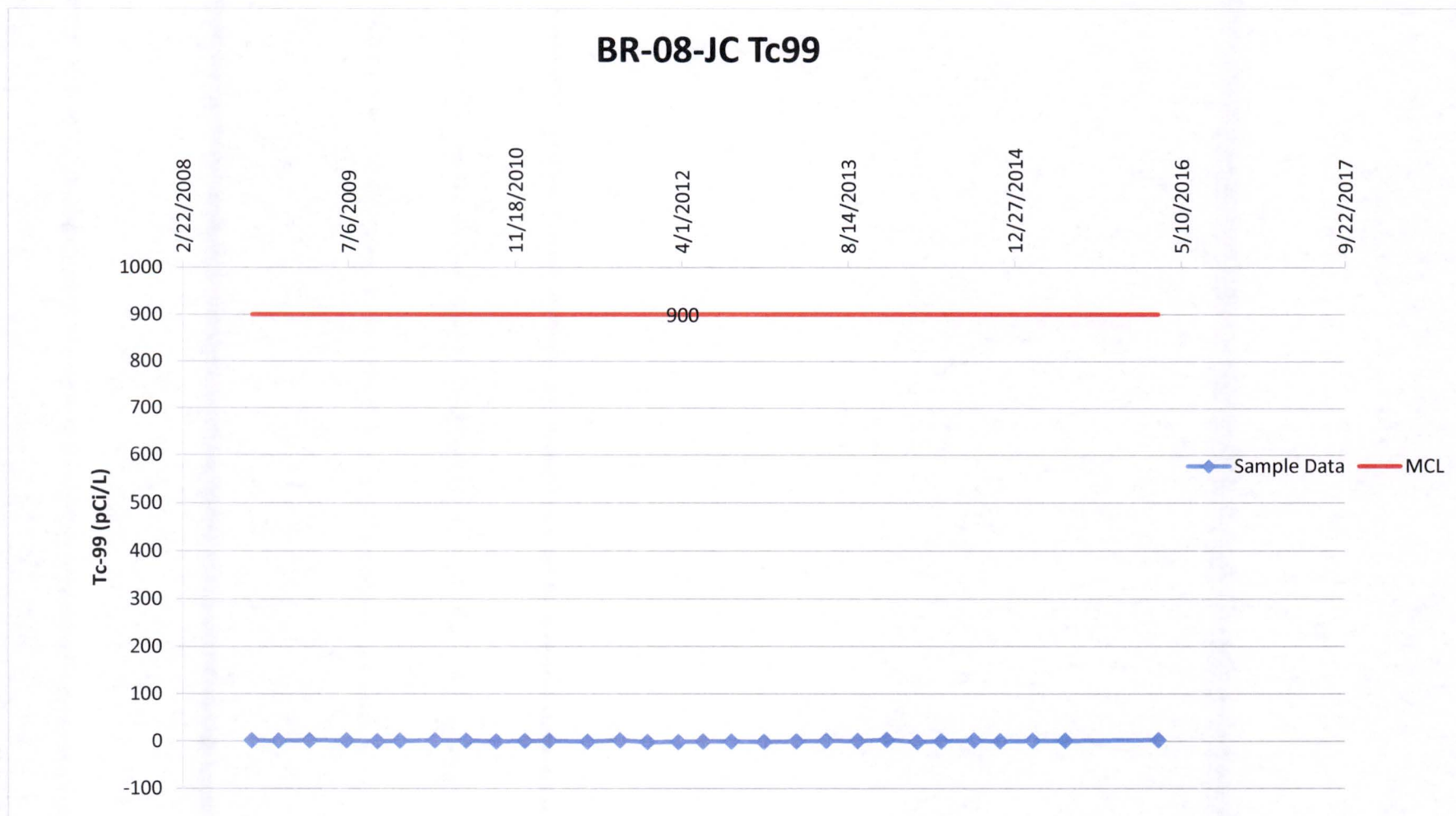
Well ID BR-08-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
11/13/2014	0.0975	1.39	2.36	0.353	0.123	0.0303	0.0251	0.0356	0.0377	0.0865	0.0615	0.0557
2/18/2015	1.39	1.3	2.12	0.699	0.254	0.0655	-0.0543	0.133	0.334	0.24	0.17	0.209
5/27/2015	1.29	1.31	2.16	0.418	0.242	0.279	0.0312	0.0625	0.0937	0.28	0.18	0.177
3/2/2016	2.7	1.59	2.54	0.46	0.142	0.0726	0.0122	0.0245	0.0367	0.108	0.0658	0.0295



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

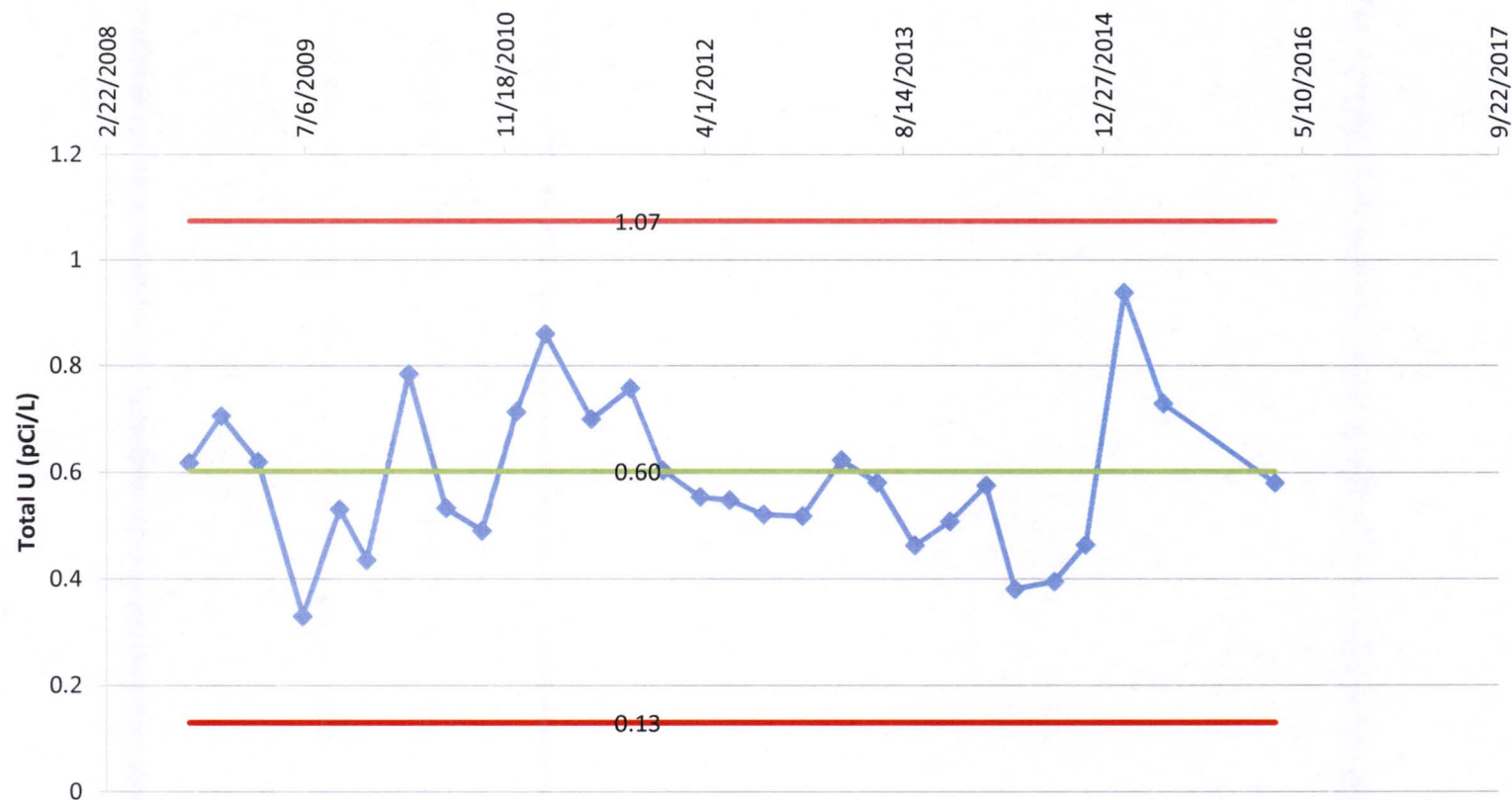


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

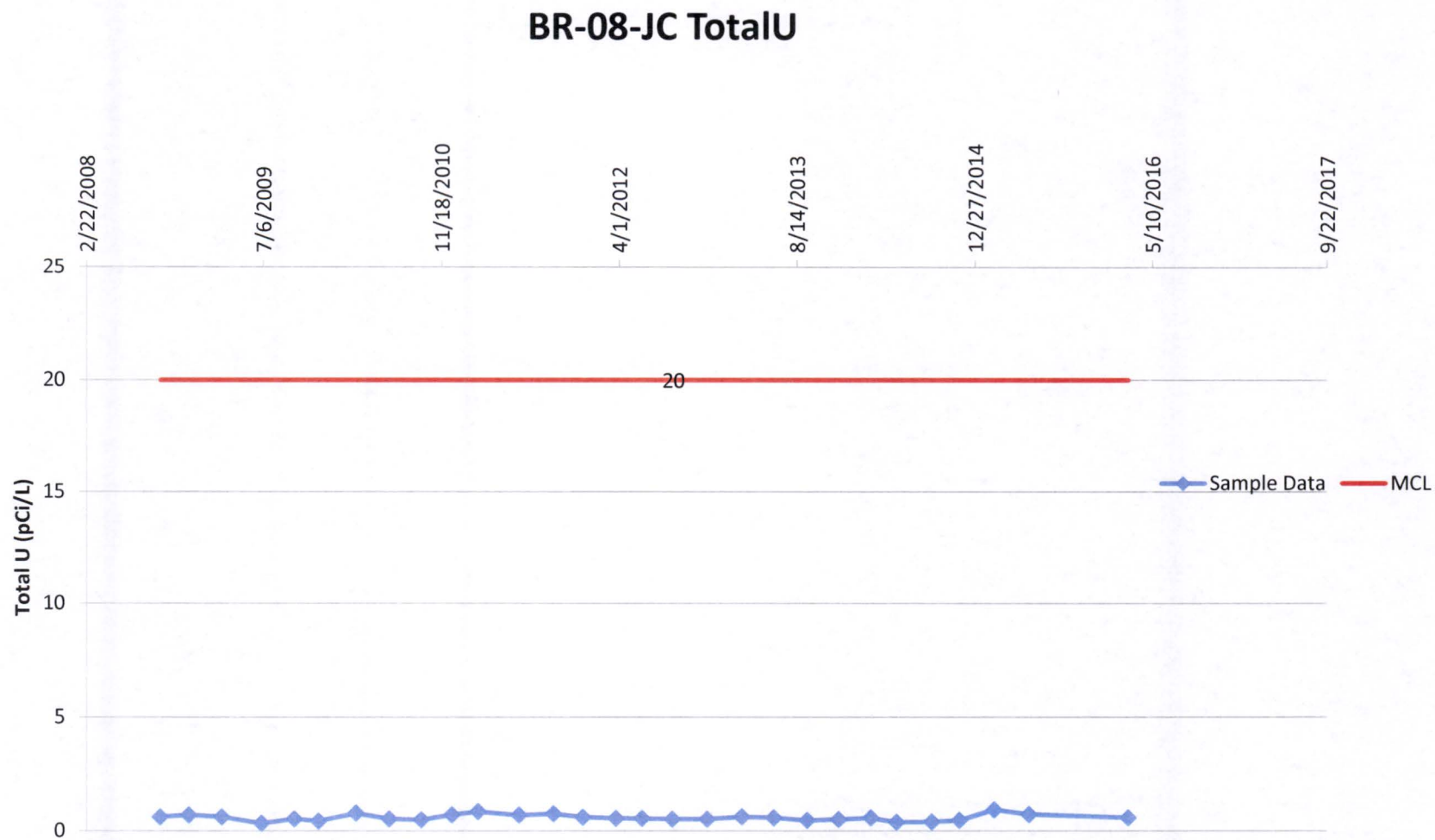


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-08-JC TotalU**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





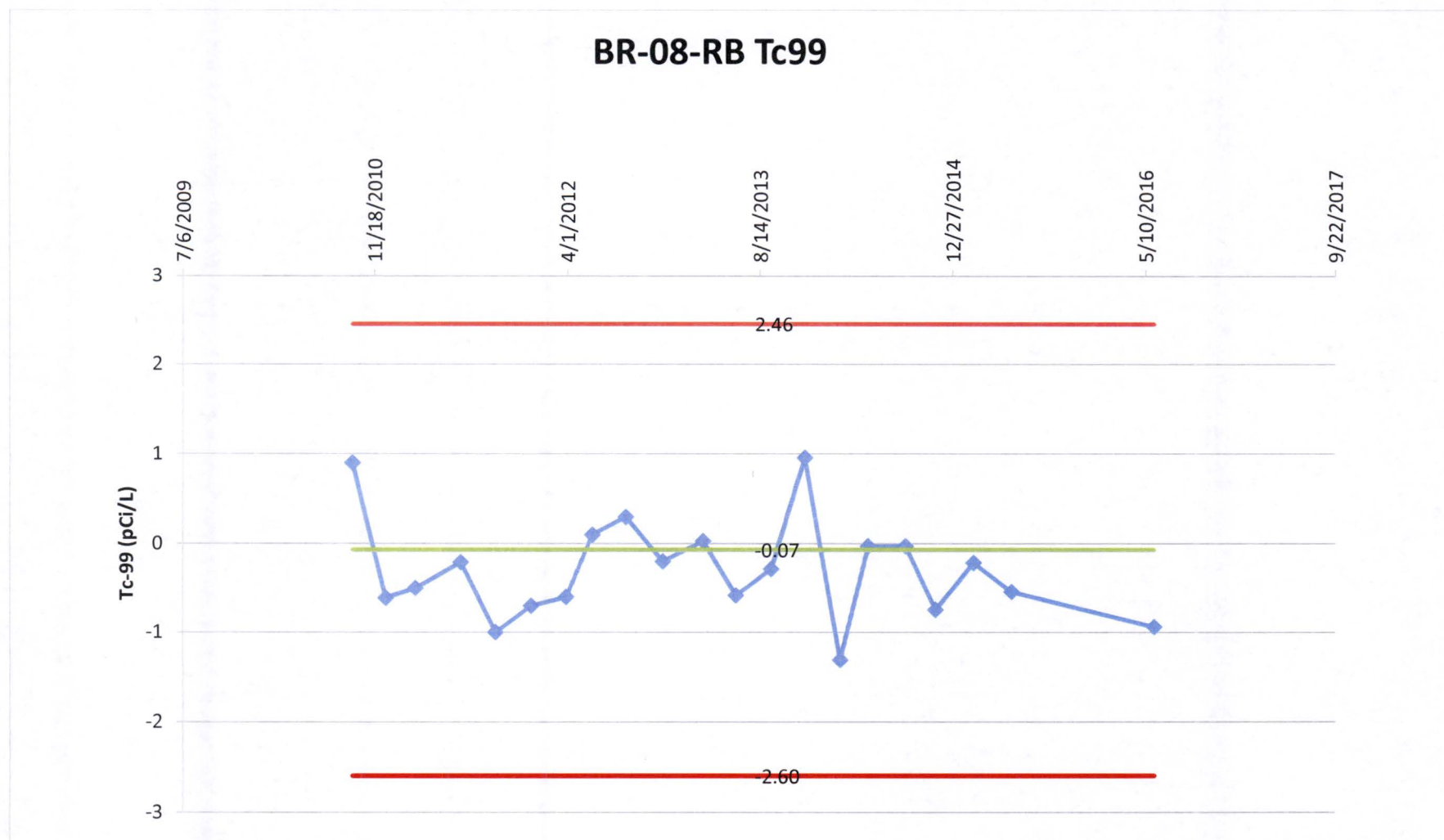
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

<b>Well ID BR-08-RB</b>												
<b>Sample Date</b>	<b>Technetium-99 (pCi/l)</b>			<b>Uranium-233/234 (pCi/l)</b>			<b>Uranium-235/236 (pCi/l)</b>			<b>Uranium-238 (pCi/l)</b>		
	<b>Result</b>	<b>Error</b>	<b>MDL</b>	<b>Result</b>	<b>Error</b>	<b>MDL</b>	<b>Result</b>	<b>Error</b>	<b>MDL</b>	<b>Result</b>	<b>Error</b>	<b>MDL</b>
9/22/2010	0.9	1	1.7	4.48	0.66	0.12	0.041	0.073	0.13	0.18	0.11	0.1
12/17/2010	-0.61	0.95	1.6	5.88	0.8	0.08	0.021	0.042	0.056	0.44	0.18	0.09
3/4/2011	-0.5	1.1	1.8	6.12	0.83	0.08	0.027	0.064	0.13	0.41	0.17	0.08
6/29/2011	-0.21	0.92	1.6	6.03	0.6	0.04	0.022	0.022	0.015	0.413	0.092	0.012
9/27/2011	-1	0.95	1.7	5.19	0.72	0.08	0	0.019	0.052	0.34	0.15	0.04
12/28/2011	-0.7	1.1	2	5.6	0.79	0.09	0.011	0.047	0.12	0.37	0.17	0.05
3/28/2012	-0.6	1.2	2	4.92	0.6	0.03	0.037	0.042	0.033	0.36	0.12	0.03
6/4/2012	0.1	1.1	1.8	5.83	0.71	0.08	0.035	0.049	0.072	0.46	0.15	0.08
8/30/2012	0.3	1.1	1.8	4.5	0.51	0.06	0.019	0.029	0.047	0.196	0.075	0.053
12/4/2012	-0.2	1.1	1.8	5.84	0.69	0.09	0.002	0.028	0.077	0.41	0.14	0.1
3/19/2013	0.0277	0.927	1.59	4.96	0.607	0.076	0.0315	0.0435	0.0637	0.302	0.116	0.0816
6/12/2013	-0.583	1.08	1.89	5.33	0.653	0.075	0.0527	0.0529	0.0356	0.386	0.133	0.0553
9/12/2013	-0.285	1.25	2.14	5.41	1.62	0.0877	0.0625	0.181	0.138	0.308	0.323	0.0556
12/9/2013	0.957	1.23	2.04	5.32	0.556	0.0488	0.038	0.0402	0.0607	0.412	0.0979	0.0153

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

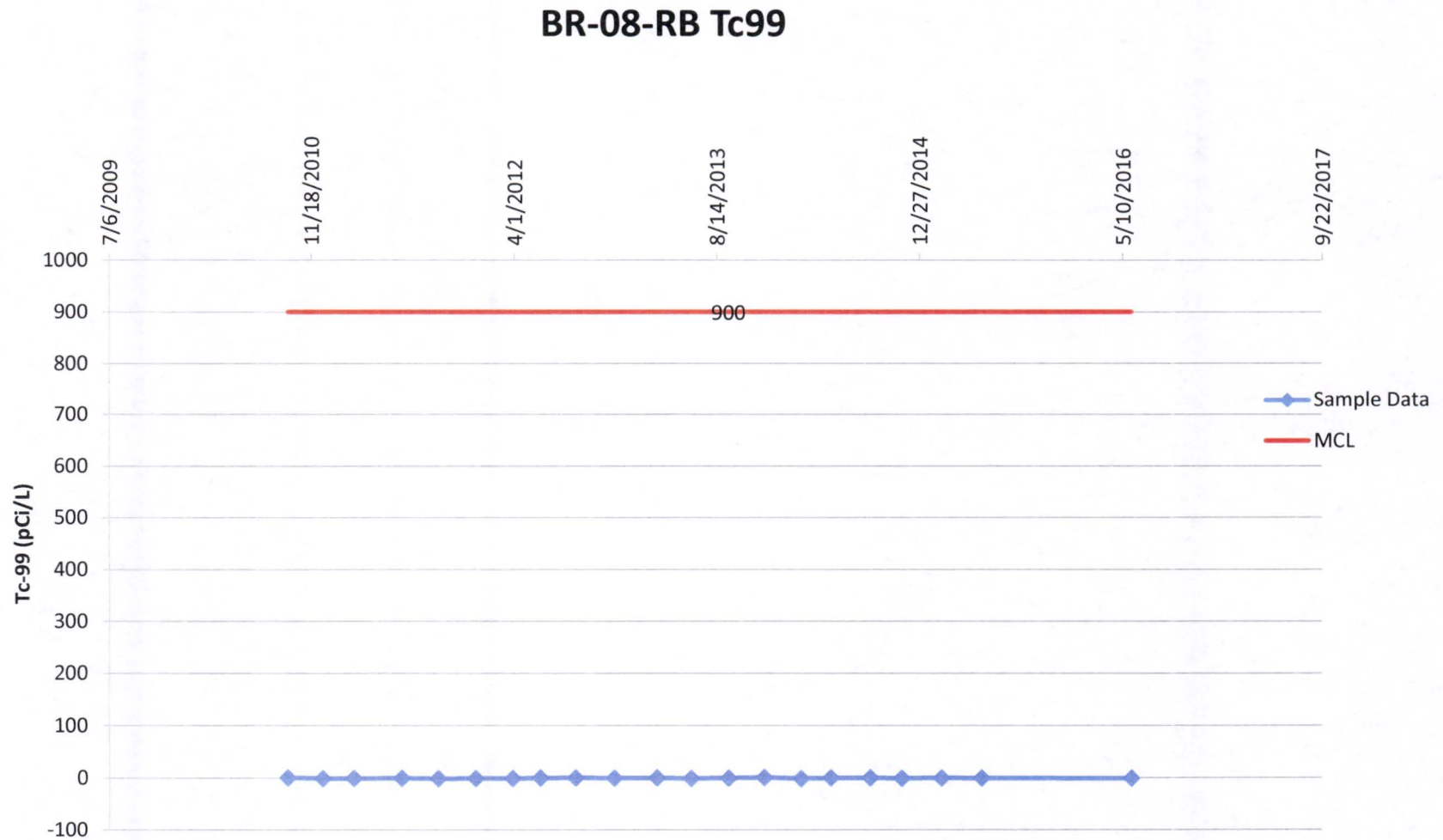
Well ID BR-08-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
3/10/2014	-1.31	1.26	2.21	4.93	0.503	0.0452	0.0153	0.0177	0.0153	0.245	0.0685	0.0391
5/22/2014	-0.0284	1.29	2.19	5.4	0.654	0.0307	0.0127	0.0255	0.0382	0.272	0.109	0.0565
8/27/2014	-0.027	1.2	2.04	5.16	0.628	0.0555	0.025	0.0354	0.0375	0.186	0.0891	0.0554
11/13/2014	-0.744	1.23	2.12	5.12	0.628	0.0564	0.0127	0.0254	0.0381	0.265	0.106	0.0306
2/19/2015	-0.216	1.22	2.08	4.84	0.502	0.0635	0.0604	0.0368	0.0165	0.291	0.0815	0.0634
5/28/2015	-0.542	1.29	2.21	5.37	0.543	0.0409	0.0425	0.0338	0.0406	0.251	0.0698	0.0326
6/1/2016	-0.937	1.21	2.11	6.2	0.732	0.11	0.0757	0.0737	0.101	0.426	0.14	0.0667

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



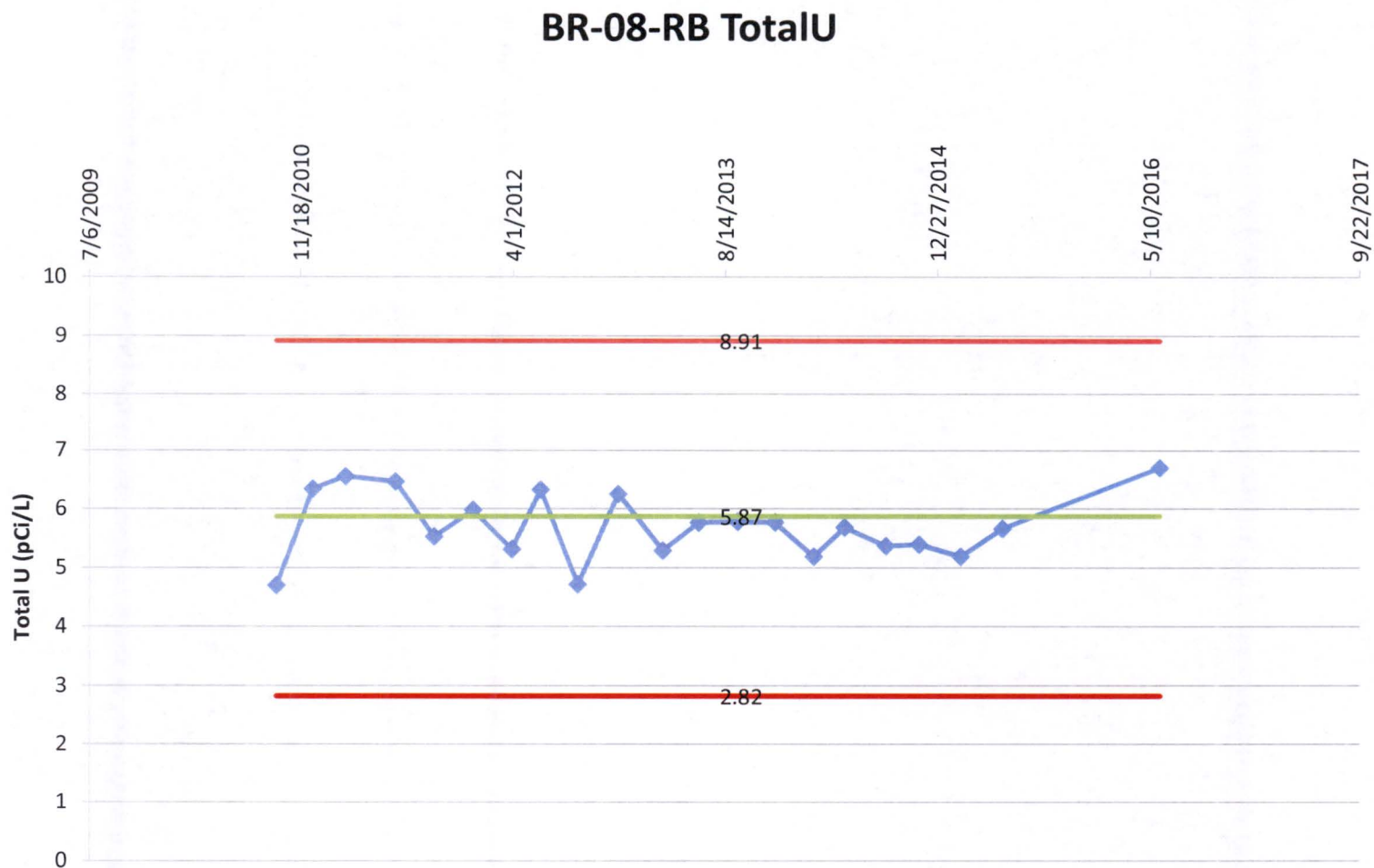


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

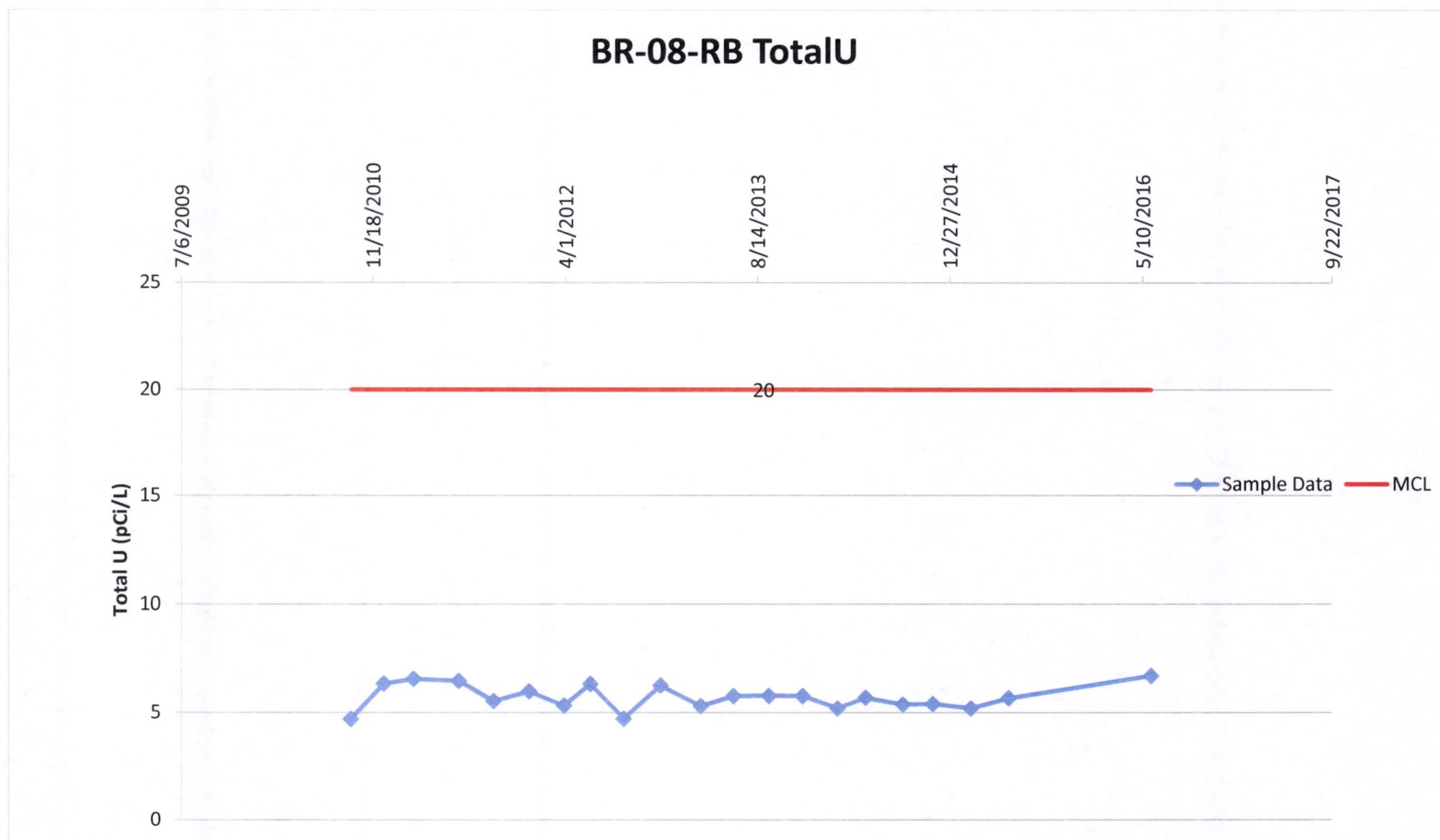




**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-09-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/28/2007	-2.3	0	6.47	2.756	0	0.1538	-0.0008	0	0.08802	0.6014	0	0.1363
9/20/2007	0.929	0	5.55	3.012	0	0.09778	0.07867	0	0.03823	0.4161	0	0.05356
12/5/2007	0.464	3.46	5.69	3.676	0.7043	0.1953	0.04057	0.09313	0.1207	1.29	0	0.09
3/6/2008	2.95	0	4.72	2.698	0.3824	0.08931	0.00875	0	0.03	0.5157	0.1578	0.07877
6/25/2008	-1.75	0	5.44	2.33	0	0.07	0.04	0	0.02	0.35	0	0.07
9/16/2008	-0.8	1.8	3	2.47	0.36	0	-0.0027	0.0053	0	0.52	0	0.02
12/10/2008	-1.8	1.4	3	2.25	0.49	0	0.17	0.14	0	0.79	0	0.13
3/23/2009	-0.29	0.73	1	2.57	0.43	0	0.075	0.076	0	0.68	0	0.06
7/6/2009	1	1.5	2.5	2.26	0.46	0.22	0.011	0.047	0.12	0.34	0.17	0.14
9/30/2009	0.5	1.2	1.9	2.19	0.44	0.13	-0.006	0.011	0.1	0.4	0.18	0.05
12/11/2009	0.2	1.1	1.9	2.29	0.51	0.23	0.023	0.058	0.12	0.67	0.26	0.13
3/19/2010	-0.5	1.1	1.9	2.57	0.55	0.2	0.025	0.062	0.13	0.55	0.24	0.13
6/23/2010	0.77	0.93	1.5	2.25	0.46	0.16	-0.012	0.055	0.17	0.57	0.22	0.12
9/27/2010	0.9	1	1.6	2.23	0.38	0.15	0.035	0.072	0.13	0.4	0.15	0.12
12/17/2010	0.181	0.996	1.7	1.95	0.37	0.08	0.009	0.038	0.095	0.76	0.22	0.04



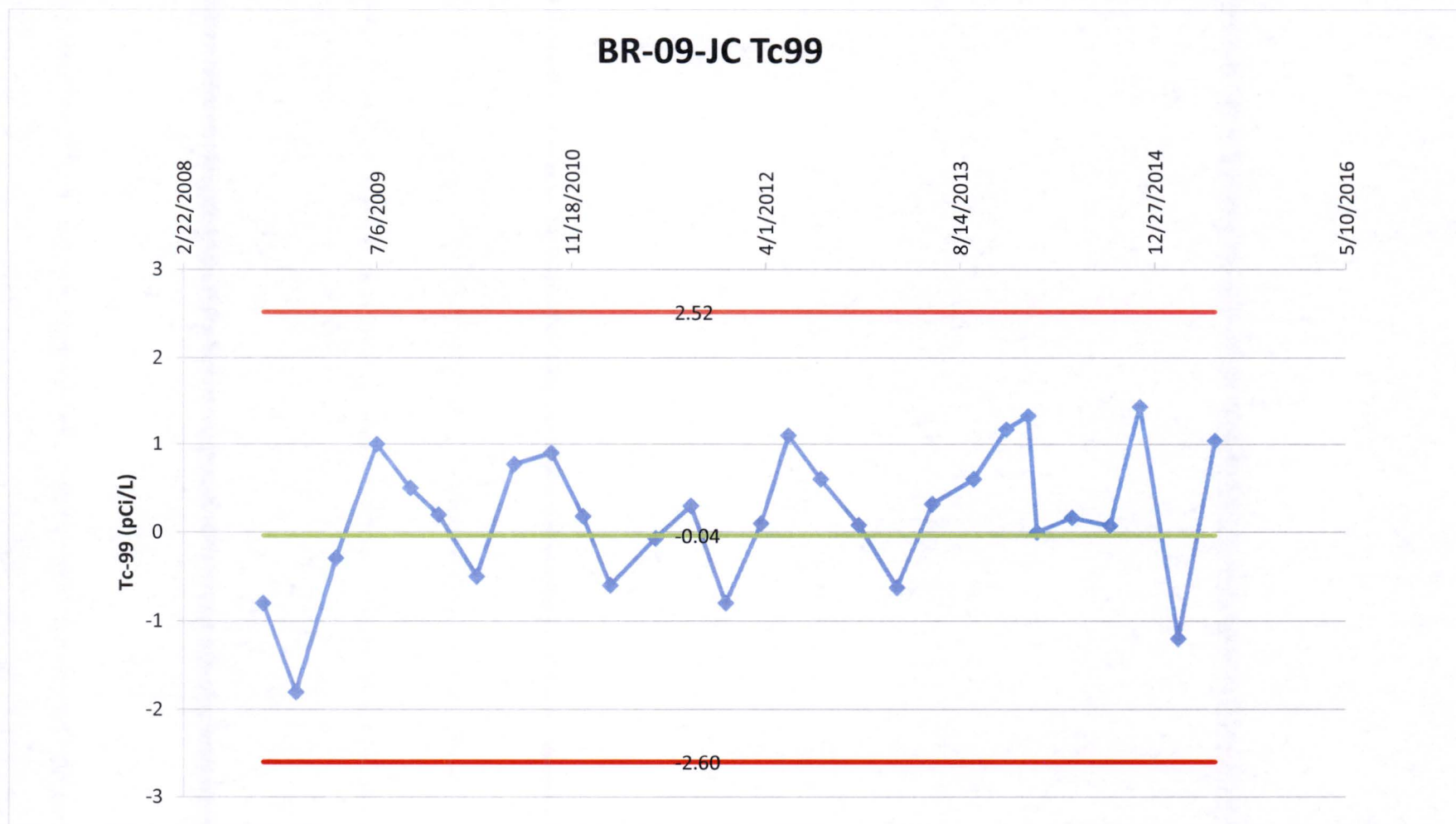
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-09-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
2/25/2011	-0.6	1.1	1.9	2.18	0.45	0.11	0.042	0.068	0.11	0.47	0.19	0.09
6/22/2011	-0.07	1	1.8	2.49	0.48	0.05	0.017	0.048	0.11	0.63	0.22	0.09
9/21/2011	0.3	1.1	1.9	2.22	0.42	0.07	0.038	0.055	0.052	0.45	0.17	0.04
12/20/2011	-0.8	1.2	2	2.25	0.42	0.07	0.058	0.067	0.052	0.53	0.19	0.04
3/20/2012	0.1	1	1.8	2.02	0.39	0.07	0.014	0.039	0.087	0.31	0.14	0.04
5/30/2012	1.1	1.2	2	2.27	0.35	0.07	0.03	0.042	0.061	0.3	0.11	0.07
8/21/2012	0.6	1.2	1.9	2.03	0.4	0.08	0.035	0.057	0.09	0.29	0.14	0.09
11/27/2012	0.08	0.9	1.5	1.74	0.31	0.07	0	0.011	0.037	0.34	0.13	0.03
3/5/2013	-0.626	1.04	1.81	1.96	0.324	0.0269	0.0124	0.0247	0.0334	0.321	0.12	0.0769
6/4/2013	0.321	1.07	1.8	2.25	0.353	0.0619	0.0929	0.0705	0.0641	0.291	0.111	0.0514
9/18/2013	0.601	1.35	2.26	2.05	0.465	0.24	0.15	0.132	0.138	0.354	0.191	0.184
12/11/2013	1.17	1.27	2.09	1.98	0.243	0.0482	0.0536	0.0326	0.0146	0.297	0.0725	0.0117
2/5/2014	1.33	1.24	2.01	2.37	0.369	0.0743	0.0626	0.0563	0.0376	0.227	0.0986	0.0555
2/27/2014	0	1.26	2.14	2.5	0.408	0.0804	0.0609	0.0611	0.0456	0.295	0.125	0.0802
5/28/2014	0.165	1.32	2.23	2.04	0.338	0.0759	-0.0032	0.0316	0.0944	0.321	0.122	0.0826

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

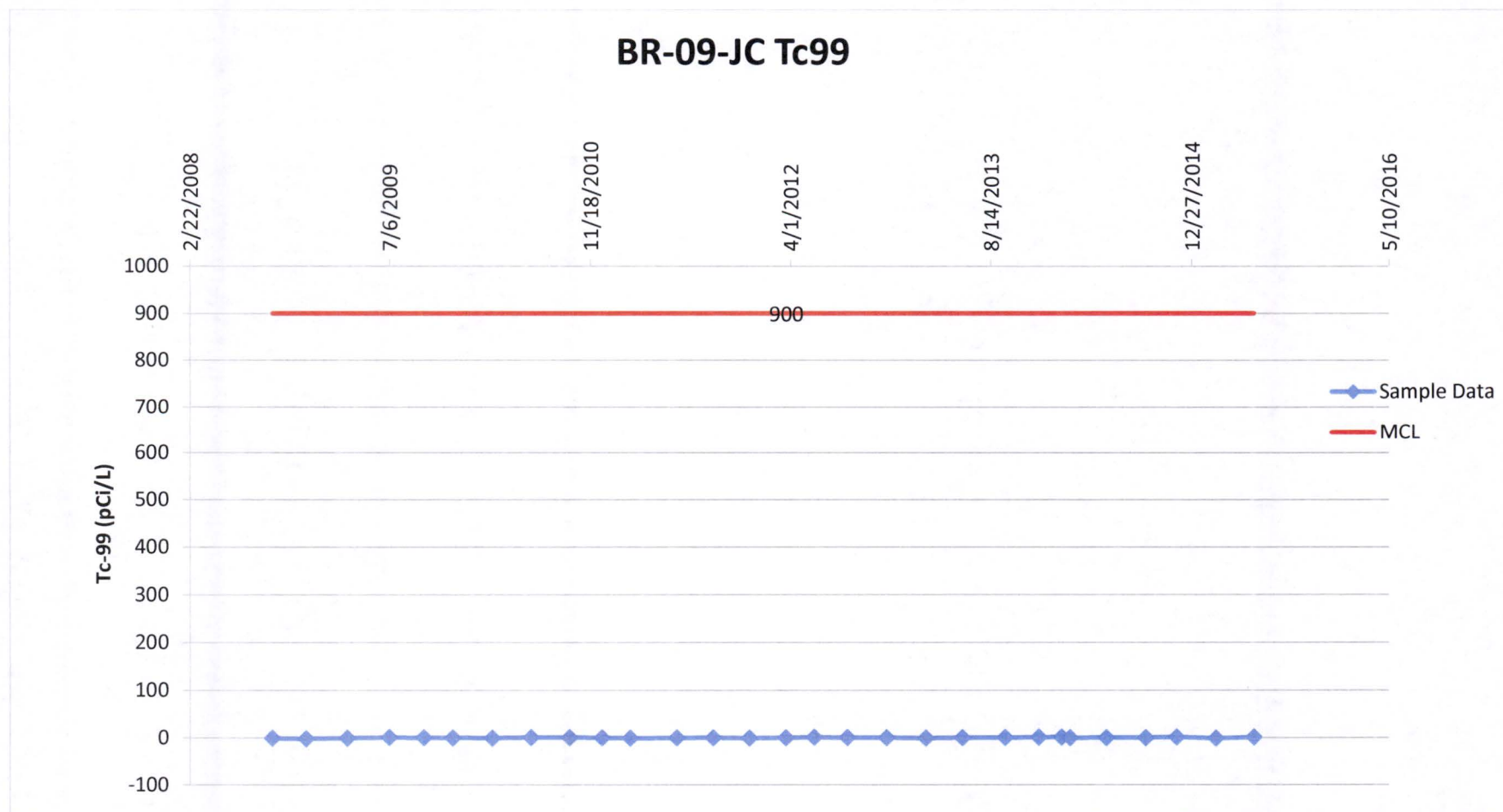
Well ID BR-09-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/3/2014	0.0742	1.25	2.12	2.15	0.354	0.0323	0.0268	0.038	0.0402	0.4	0.137	0.0707
11/19/2014	1.44	1.31	2.13	2.14	0.352	0.032	0.00221	0.0308	0.0873	0.368	0.13	0.0588
2/26/2015	-1.2	1.27	2.21	2.14	0.37	0.089	-0.0063	0.0125	0.0829	0.464	0.156	0.0665
6/2/2015	1.04	1.39	2.28	2.19	0.311	0.0452	0.0211	0.0328	0.0562	0.445	0.12	0.0451

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



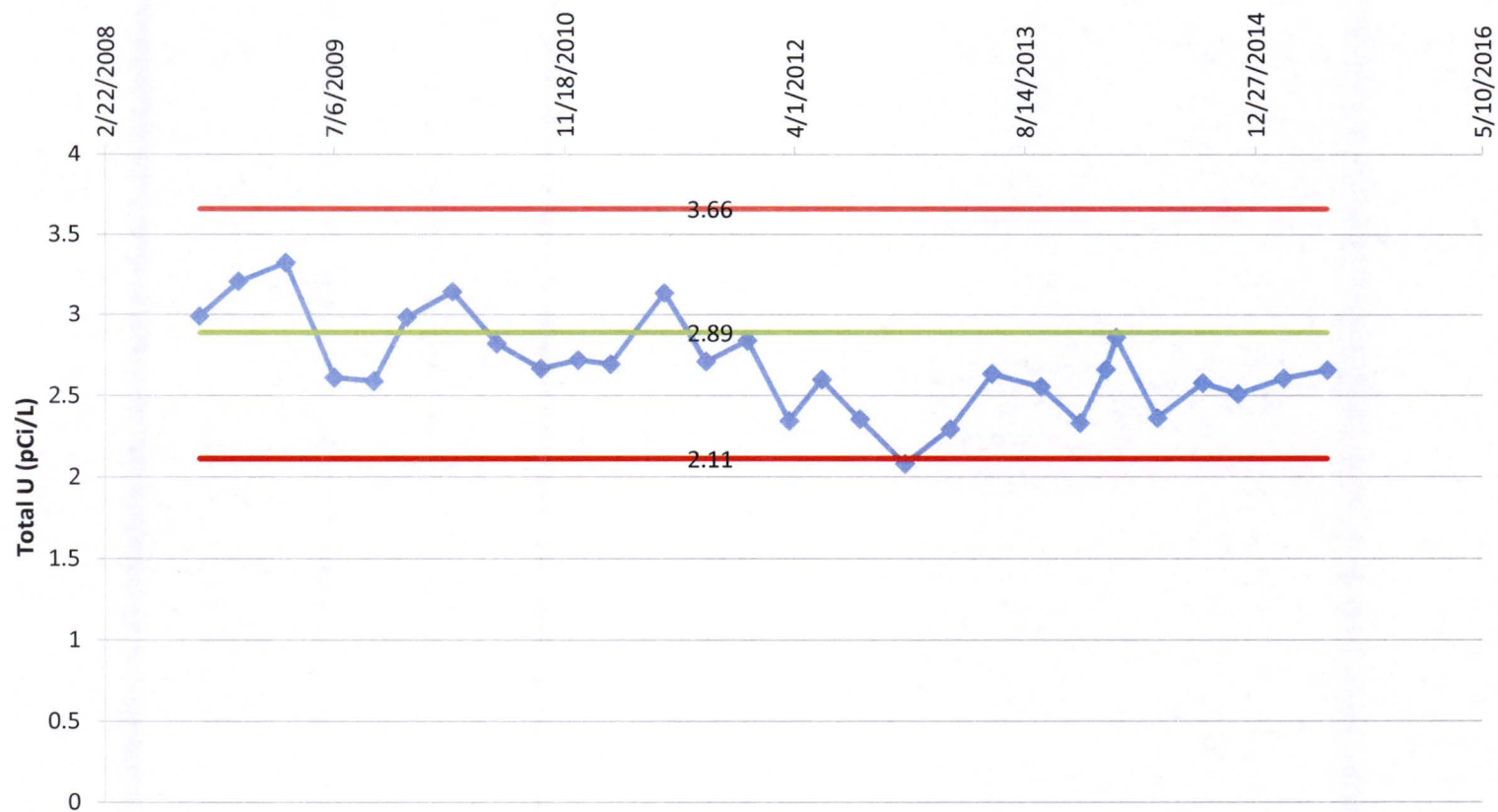


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

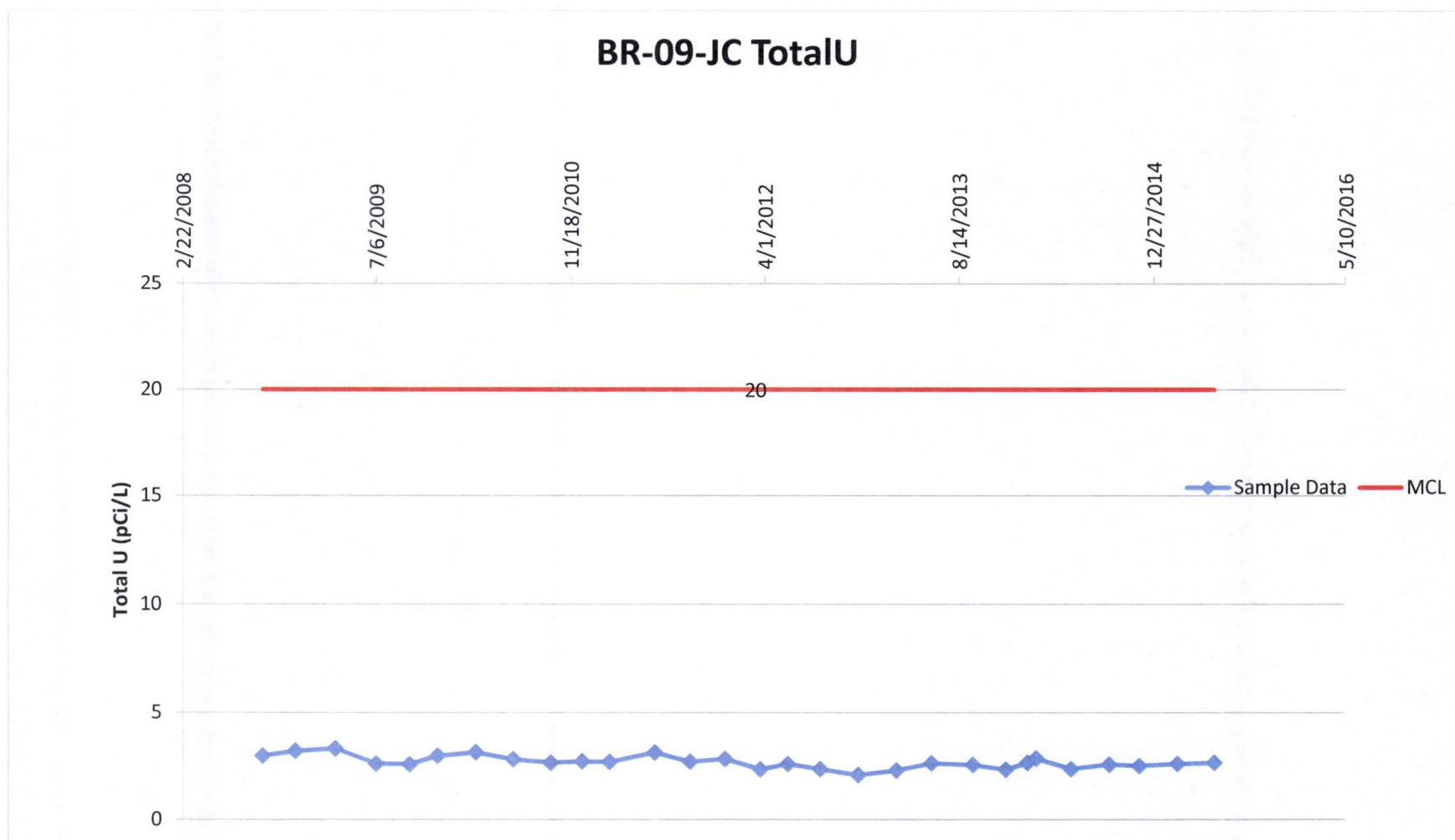


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-09-JC TotalU**



**Groundwater Monitoring Results**  
**Jefferson City Cotter and Roubidoux HSUs Data Set**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-10-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/27/2007	0.159	0	6.63	3.211	0	0.1801	0	1.7	0.03985	0.4363	0	0.104
9/18/2007	-1.35	0	5.13	2.565	0	0.2337	-0.0149	0	0.08342	0.6724	0	0.2186
12/4/2007	-0.026	3.14	5.18	2.574	0.4231	0.09465	-0.0121	0.0171	0.06755	0.6368	0.1991	0.0864
3/5/2008	1.65	4.18	8.09	3.564	1.051	0.1614	-0.0505	0.07171	0.2822	0.3093	0.3271	0.3609
6/24/2008	-1.14	0	5.13	2.51	0	0.05	0.00985	0	0.04	0.41	0	0.07
9/18/2008	-0.7	0	3	2.66	0.4	0	0.01	0.027	0	0.39	0	0.07
12/9/2008	-0.71	0.78	1	2.14	0.37	0	0.077	0.08	0	0.35	0	0.08
3/16/2009	0.27	0.73	1	2.73	0.4	0	0.006	0.025	0	0.37	0	0.06
7/1/2009	-1.02	0.86	1.4	2.42	0.45	0.15	0.03	0.042	0.15	0.3	0	0.15
10/1/2009	0.1	1.2	2.1	2.74	0.5	0.11	0.061	0.078	0.1	0.38	0.17	0.11
12/8/2009	-0.3	1.2	2.1	2.76	0.51	0.19	0.063	0.08	0.1	0.33	0.16	0.13
3/23/2010	0	0.92	1.6	2.24	0.43	0.1	0.015	0.041	0.091	0.43	0.17	0.04
6/24/2010	0.58	0.94	1.5	2.38	0.47	0.15	0.011	0.048	0.12	0.38	0.17	0.12
9/22/2010	0.6	1	1.7	2.17	0.42	0.17	0.045	0.085	0.15	0.4	0.17	0.14
12/20/2010	1	1	1.7	2.38	0.45	0.1	0.042	0.059	0.057	0.34	0.16	0.09

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-10-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
3/1/2011	0.69	0.89	1.5	2.27	0.37	0.08	0.021	0.039	0.069	0.39	0.13	0.06
6/23/2011	0.45	0.99	1.7	2.43	0.45	0.12	0.005	0.044	0.12	0.51	0.19	0.09
9/29/2011	-0.4	1.3	2.1	2.32	0.43	0.04	0.015	0.041	0.089	0.25	0.13	0.04
12/20/2011	-0.04	1.2	2	2.53	0.45	0.1	0.019	0.037	0.05	0.36	0.15	0.07
3/26/2012	0.7	1.1	1.9	2.48	0.4	0.06	0.039	0.053	0.075	0.27	0.12	0.03
6/6/2012	0.46	0.92	1.5	2.06	0.34	0.06	0.051	0.051	0.034	0.42	0.14	0.03
8/29/2012	-0.8	1	1.8	1.88	0.3	0.06	0.046	0.051	0.069	0.38	0.12	0.05
12/4/2012	-1.2	1.1	1.9	1.84	0.31	0.06	0.045	0.051	0.065	0.35	0.12	0.03
3/12/2013	-0.224	0.935	1.61	2.44	0.381	0.066	0.0262	0.0371	0.0354	0.573	0.163	0.0549
6/11/2013	-1.29	1.28	2.24	2.26	0.753	0.108	-0.0773	0.0867	0.169	0.418	0.298	0.102
9/12/2013	-0.376	1.23	2.13	2.11	0.934	0.127	0.109	0.219	0.0738	0.298	0.332	0.107
12/9/2013	1.14	1.25	2.06	2.13	0.342	0.0553	0.00726	0.027	0.0688	0.369	0.125	0.0299
3/10/2014	-0.269	1.26	2.17	2.35	0.361	0.0536	0.0121	0.0242	0.0362	0.437	0.137	0.0636
5/22/2014	-0.453	1.3	2.24	2.22	0.368	0.0903	0.014	0.0279	0.0419	0.366	0.135	0.0825
8/27/2014	0.988	1.25	2.05	2.2	0.346	0.0536	0	0.0101	0.0362	0.331	0.118	0.0636

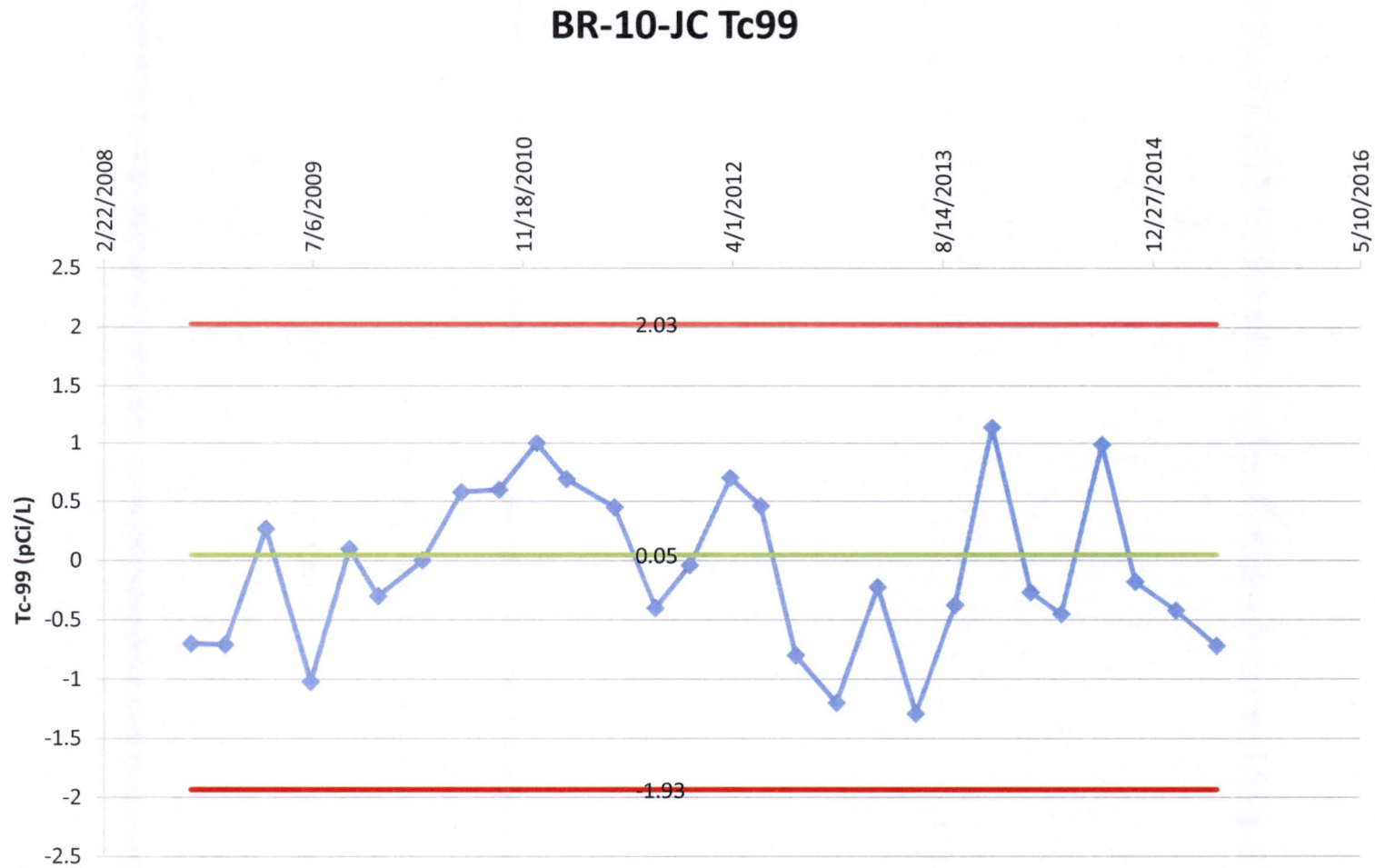


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

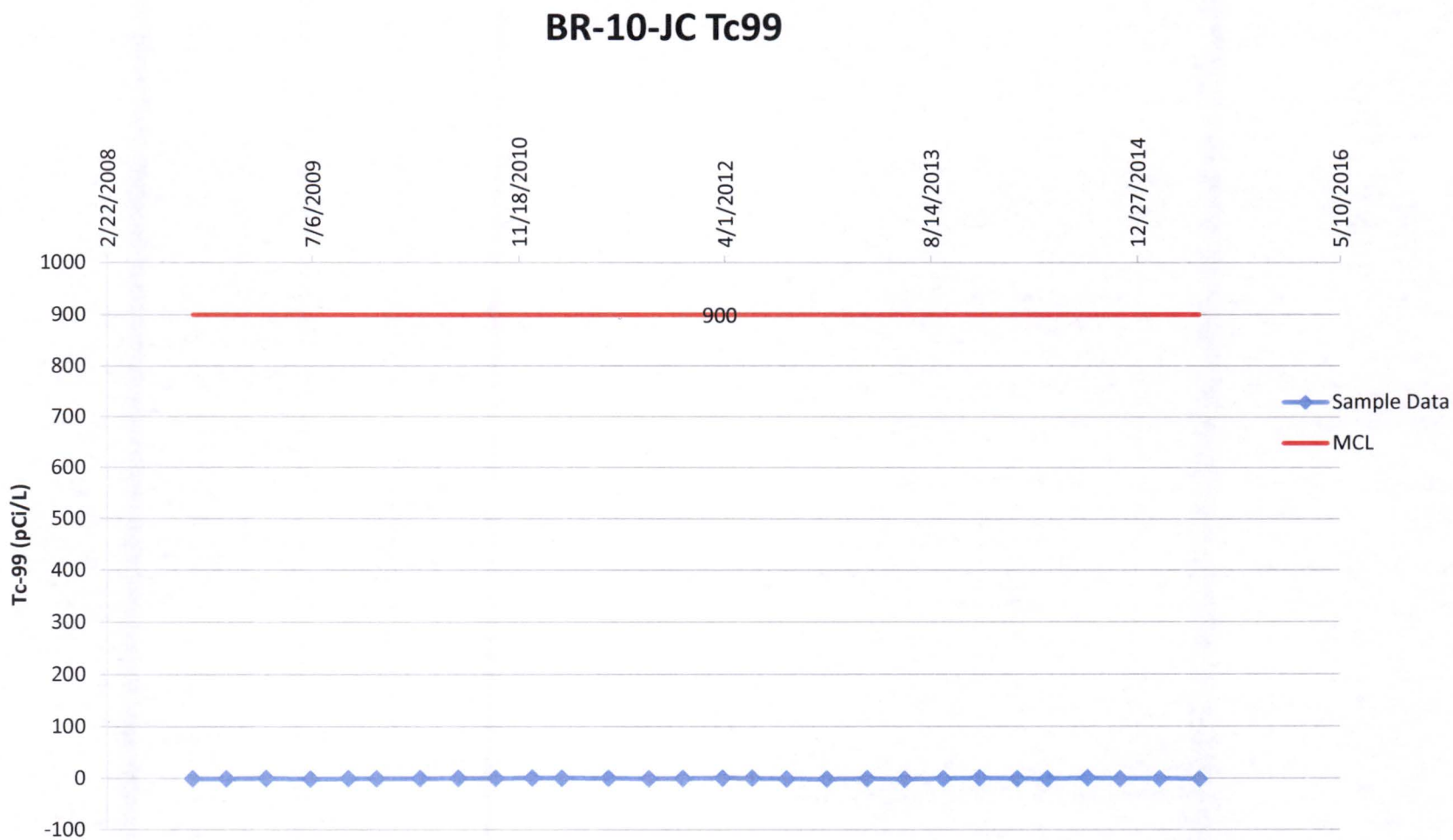
Well ID BR-10-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
11/14/2014	-0.181	1.29	2.2	2.26	0.369	0.0333	-0.0035	0.034	0.102	0.369	0.136	0.0891
2/19/2015	-0.424	1.24	2.13	2.21	0.361	0.0979	0.0342	0.0473	0.0733	0.293	0.115	0.0587
5/28/2015	-0.721	1.28	2.2	1.66	0.298	0.0313	0.013	0.026	0.039	0.346	0.126	0.0686



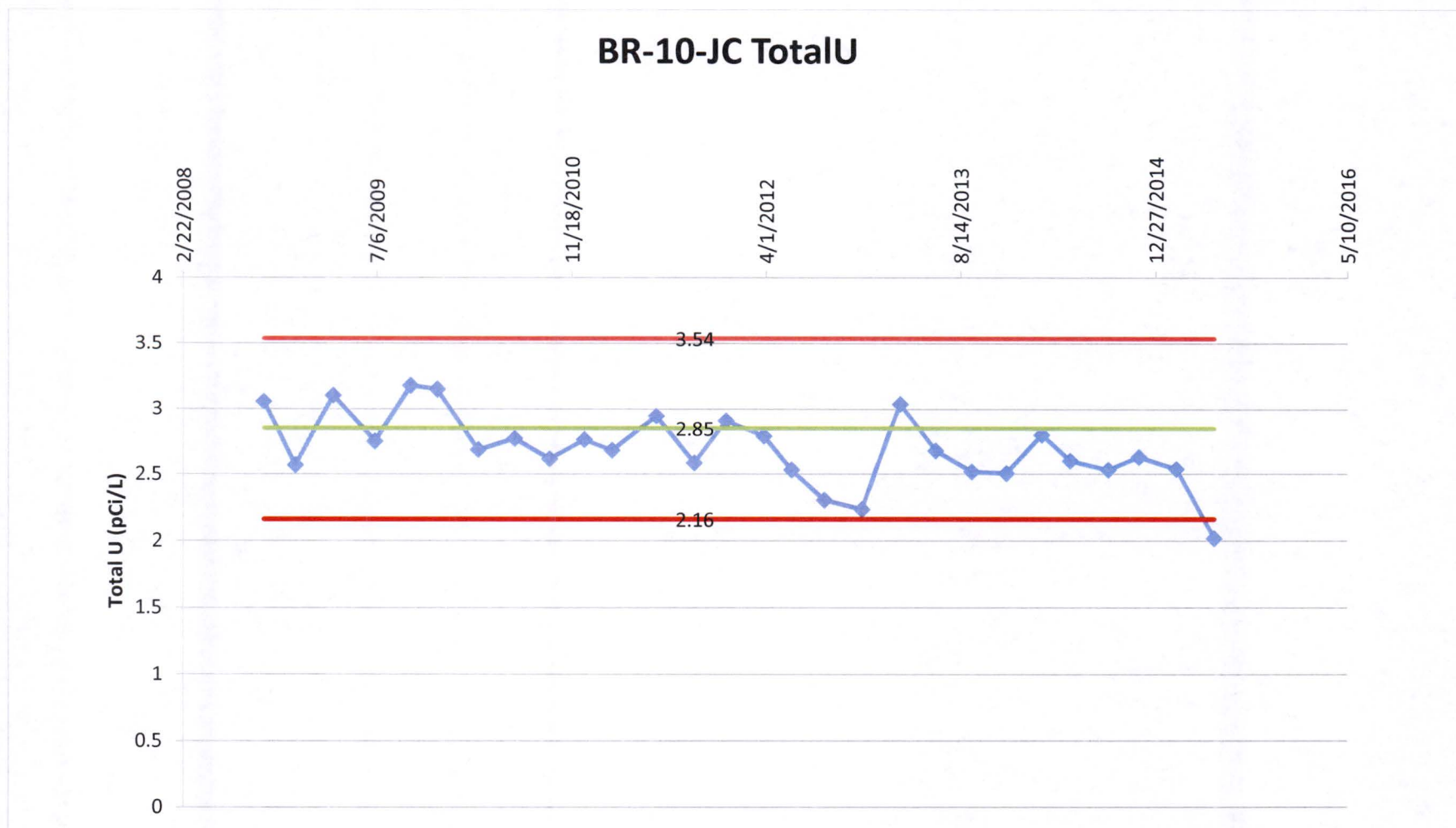
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

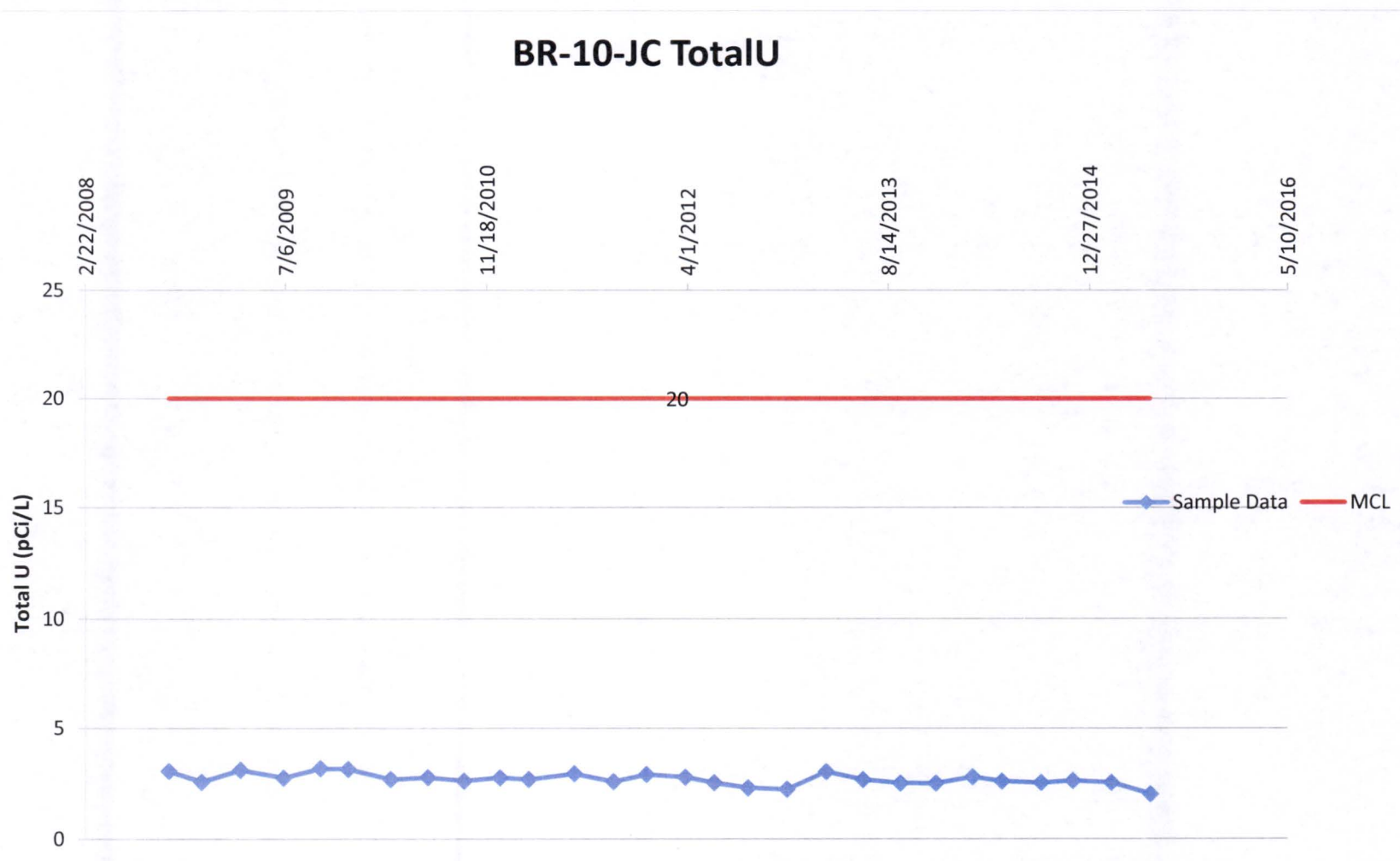


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results**  
**Jefferson City Cotter and Roubidoux HSUs Data Set**

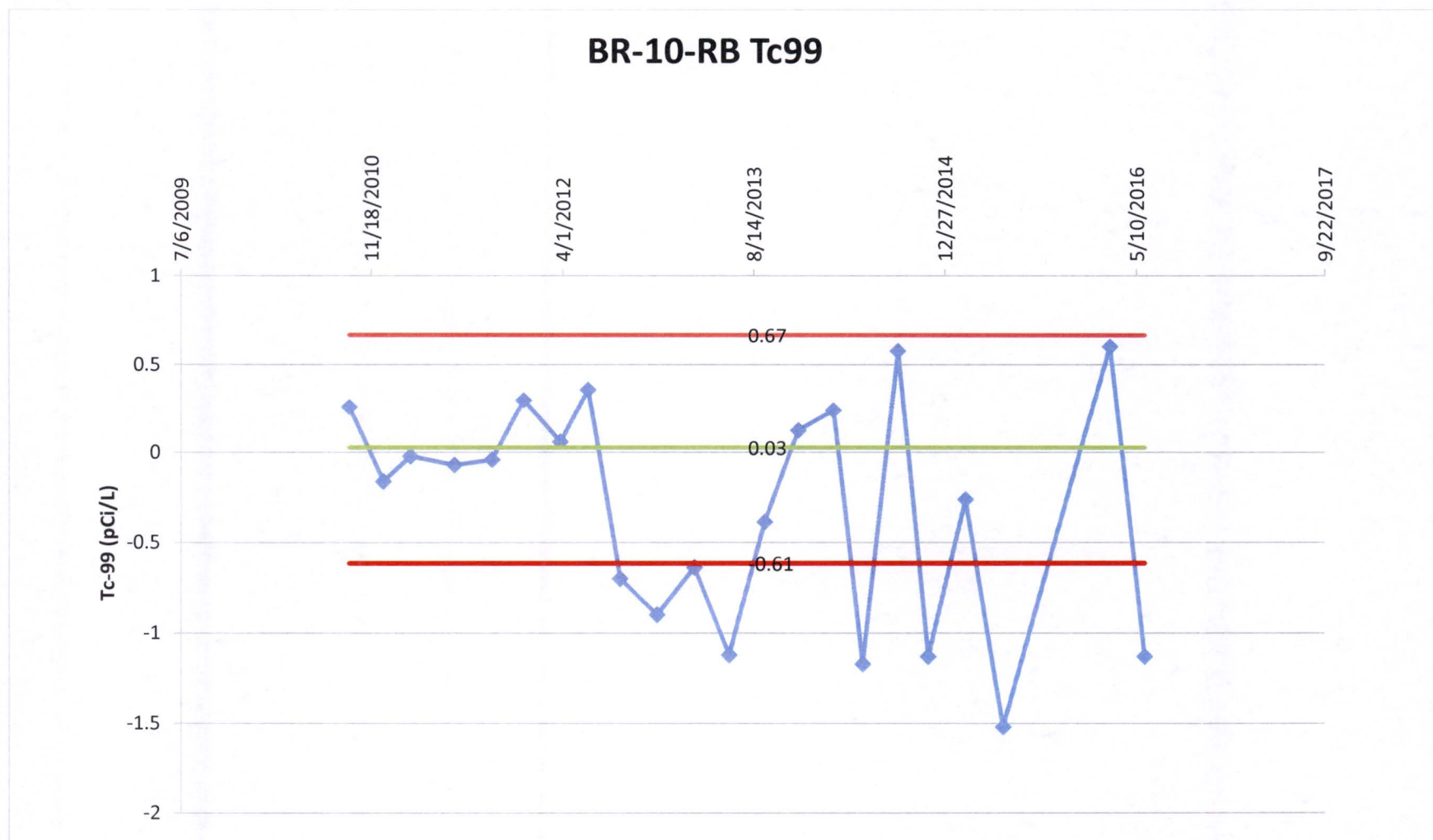
Well ID BR-10-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/22/2010	0.26	0.95	1.6	3.53	0.61	0.21	0	0.054	0.15	0.09	0.11	0.18
12/20/2010	-0.16	0.95	1.6	3.1	0.52	0.1	0.015	0.041	0.09	0.091	0.079	0.072
3/1/2011	-0.02	0.92	1.6	3.47	0.49	0.08	0.008	0.029	0.071	0.122	0.077	0.068
6/23/2011	-0.07	1.1	1.9	3.72	0.6	0.15	0.07	0.088	0.13	0.16	0.12	0.12
9/29/2011	-0.04	1.1	1.9	3.5	0.56	0.07	-0.005	0.01	0.092	0.097	0.08	0.044
12/21/2011	0.3	1	1.7	2.93	0.47	0.08	0	0.0086	0.046	0.21	0.11	0.04
3/26/2012	0.06	0.99	1.7	3.25	0.48	0.03	0.015	0.03	0.041	0.097	0.069	0.033
6/6/2012	0.36	0.99	1.7	2.97	0.43	0.06	0.025	0.036	0.034	0.217	0.096	0.053
8/29/2012	-0.7	1	1.8	3.32	0.49	0.13	0.029	0.041	0.039	0.055	0.06	0.083
12/4/2012	-0.9	1.1	1.9	3.2	0.45	0.05	0.062	0.055	0.033	0.188	0.096	0.093
3/12/2013	-0.638	0.935	1.64	3.35	0.461	0.0519	0.0144	0.0379	0.0776	0.158	0.0804	0.0268
6/11/2013	-1.12	1.34	2.34	3.46	0.946	0.0707	0.0269	0.091	0.078	0.123	0.154	0.0773
9/12/2013	-0.386	1.23	2.12	3.26	1.22	0.111	0	0.0212	0.0765	0.154	0.242	0.0965
12/9/2013	0.125	1.2	2.05	3.42	0.493	0.0767	0.023	0.0429	0.0803	0.112	0.0749	0.0644
3/11/2014	0.242	1.23	2.06	3.03	0.378	0.0405	0.0558	0.0425	0.0239	0.134	0.0597	0.0192

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

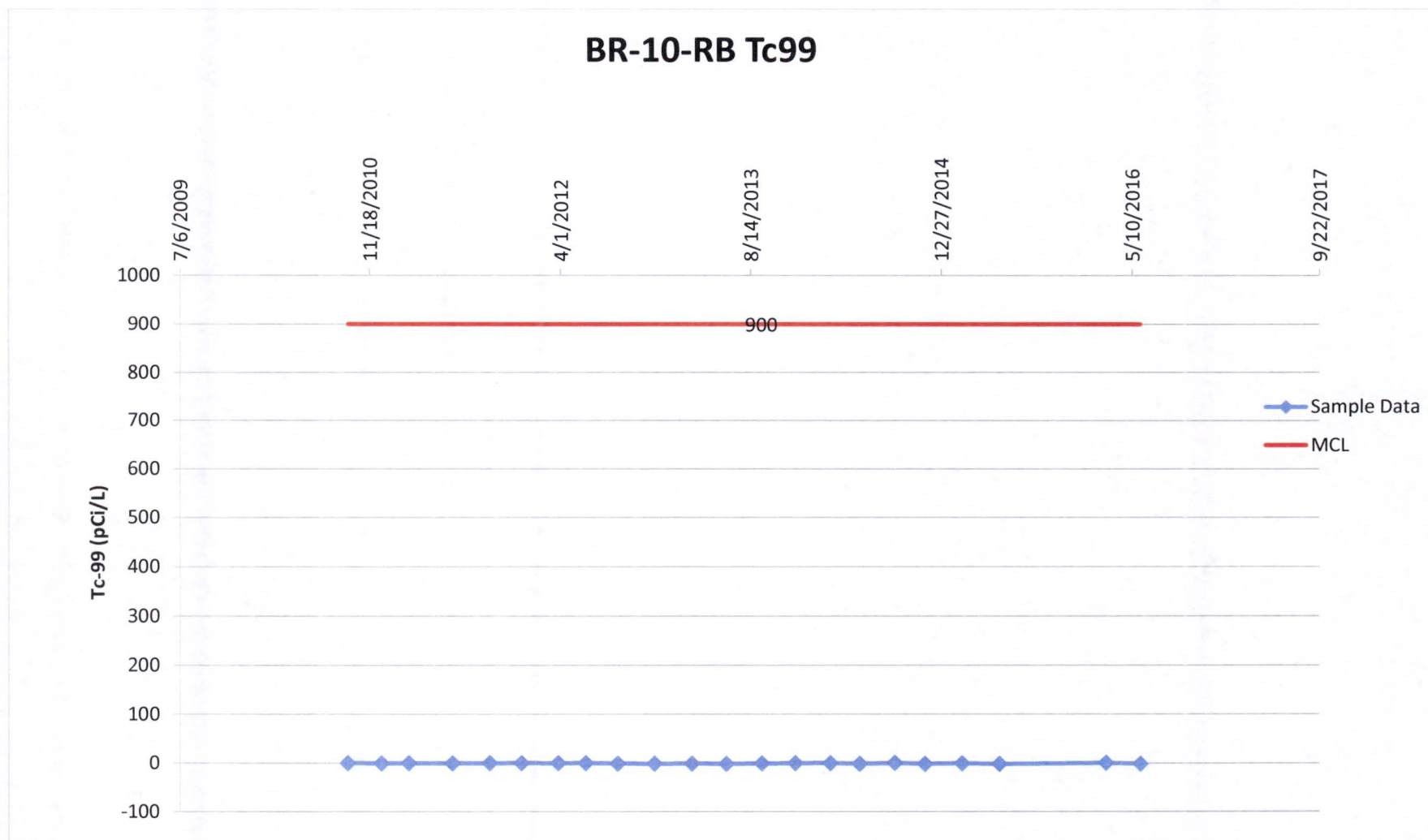
Well ID BR-10-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
5/27/2014	-1.17	1.38	2.41	3.25	0.387	0.0638	0.0143	0.0202	0.0214	0.123	0.0593	0.0574
8/27/2014	0.578	1.31	2.18	3.32	0.469	0.0591	0.0133	0.0266	0.0399	0.149	0.0808	0.032
11/14/2014	-1.13	1.24	2.16	3.48	0.481	0.0578	-0.0033	0.0321	0.096	0.137	0.0799	0.0686
2/19/2015	-0.261	1.3	2.23	2.64	0.391	0.0784	-0.0101	0.0143	0.0796	0.0753	0.0603	0.0717
5/28/2015	-1.52	1.26	2.2	3.06	0.435	0.0862	0.0248	0.0351	0.0372	0.209	0.0929	0.0298
3/2/2016	0.603	1.23	2.06	3.12	0.448	0.0847	0.0131	0.0262	0.0393	0.136	0.0766	0.0315
6/1/2016	-1.13	1.22	2.12	2.91	0.431	0.0324	0.0185	0.0416	0.0848	0.123	0.0765	0.068



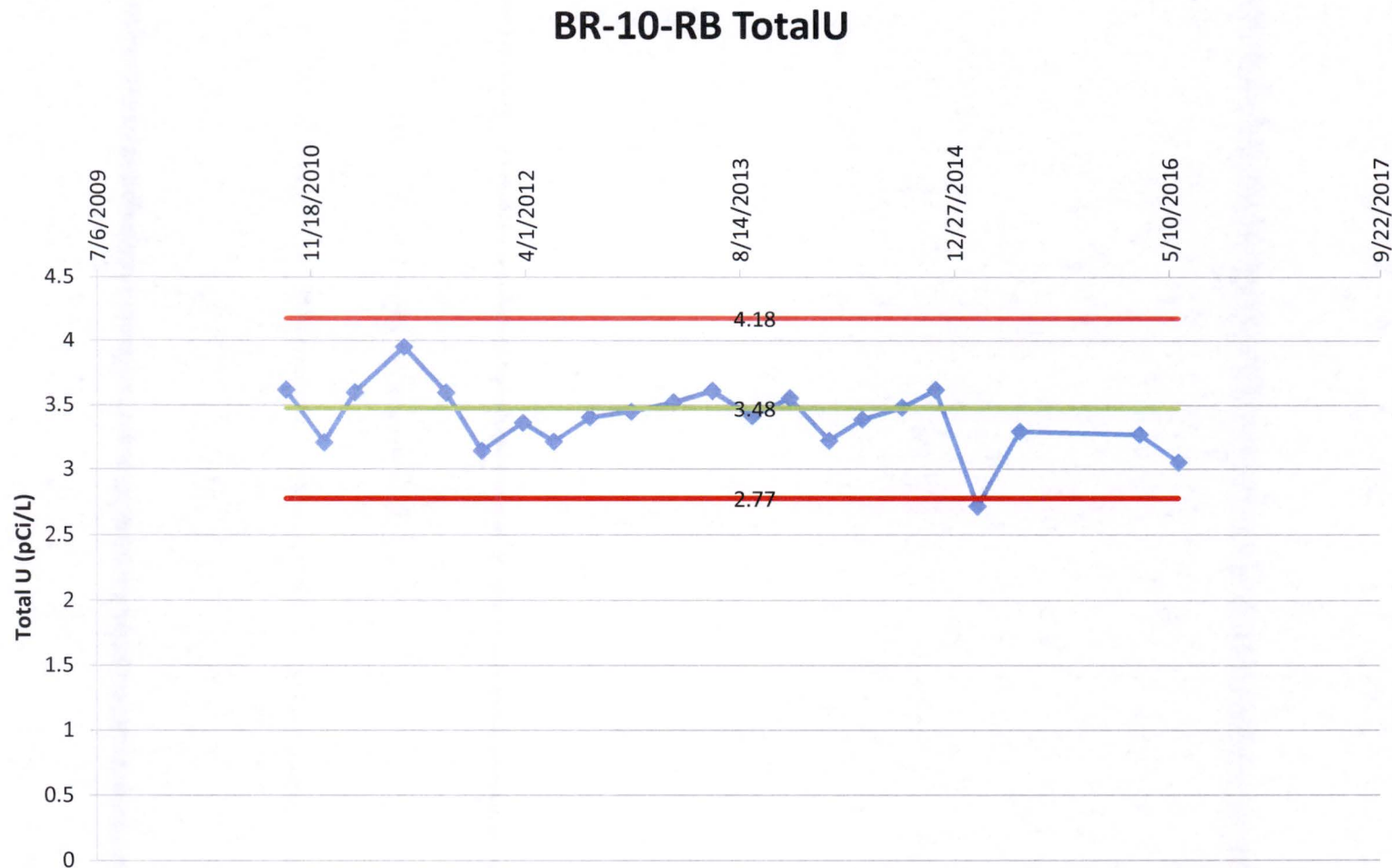
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

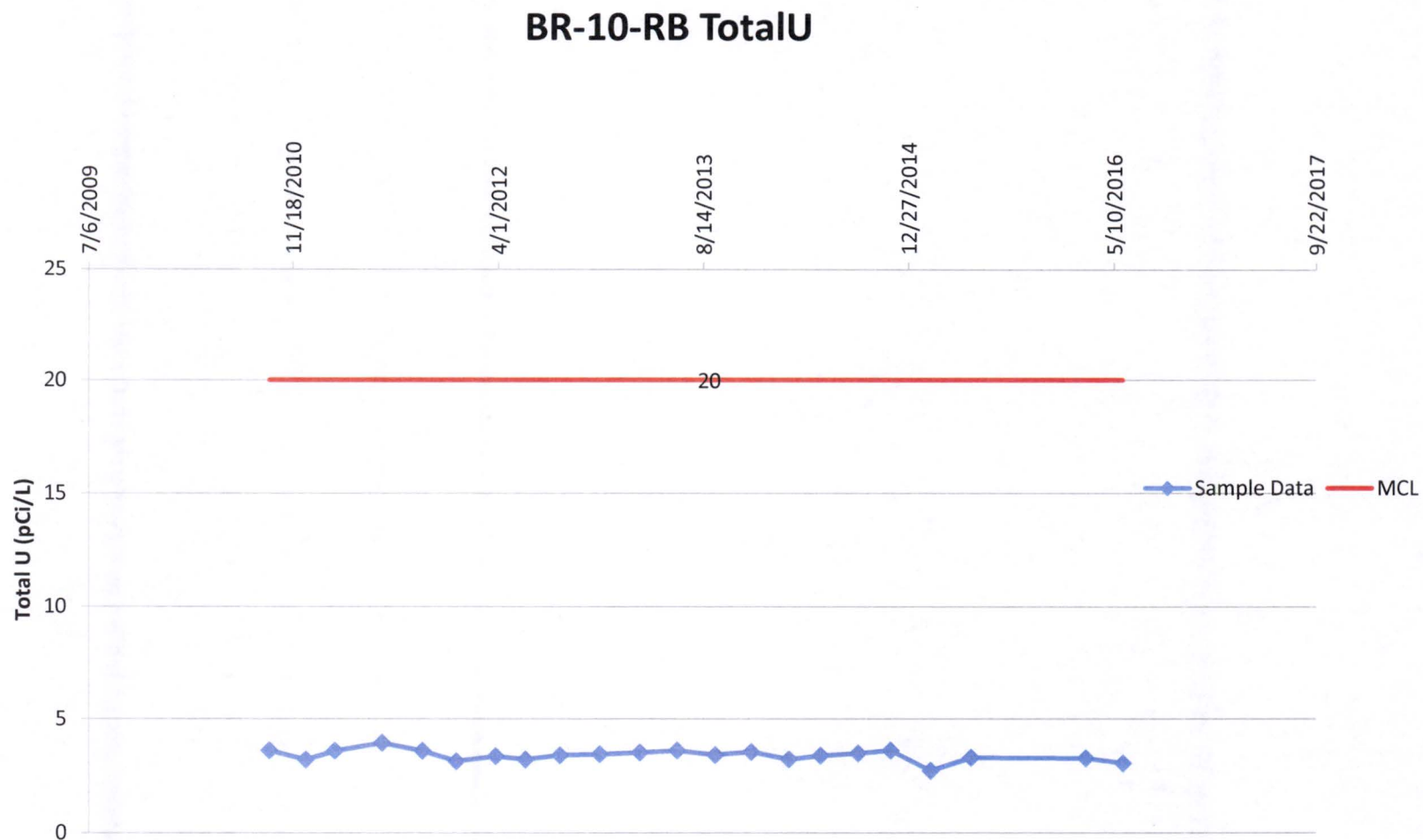


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-11-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/28/2007	-2.56	0	6.31	1.61	0	0.09866	0.01678	0	0.02475	0.3111	0	0.09134
9/20/2007	-0.454	0	5.42	1.602	0	0.1183	0.011	0.023	0.04627	0.3337	0	0.1349
12/6/2007	5.28	0	6.31	2.003	0.3676	0.1094	0.00532	0	0.06	0.2014	0.1108	0.05469
3/6/2008	-0.509	3.94	7.74	1.79	0	0.06	0.03146	0.04194	0.03258	0.4369	0.1383	0.08333
6/25/2008	-4.99	0	5.3	1.64	0	0.06	0.02	0.033	0.01	0.47	0	0.06
9/22/2008	0.2	2	3	1.67	0.49	0	0.021	0.088	0	0.39	0	0.15
12/10/2008	-1.11	0.67	1	1.51	0.34	0	0.061	0.071	0	0.55	0	0.07
3/23/2009	-0.5	2	2	1.35	0.29	0	0.058	0.063	0	0.27	0	0.06
7/7/2009	-0.1	1.3	2.2	1.15	0.29	0.19	0.028	0.054	0.098	0.37	0.16	0.12
9/30/2009	-0.2	1.2	2	1.38	0.33	0.09	-0.005	0.011	0.096	0.25	0.13	0.08
12/14/2009	0.1	1.1	1.8	1.46	0.39	0.15	0.046	0.081	0.14	0.28	0.16	0.13
3/22/2010	-0.8	1.1	1.9	1.99	0.33	0.07	0.032	0.044	0.065	0.196	0.093	0.07
6/23/2010	0.79	0.89	1.5	1.62	0.36	0.12	0.01	0.044	0.11	0.21	0.12	0.07
9/21/2010	0.51	0.91	1.5	1.63	0.36	0.05	0.026	0.062	0.12	0.28	0.14	0.08
12/17/2010	-0.02	0.92	1.6	1.85	0.38	0.13	0	0.02	0.055	0.114	0.094	0.1



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

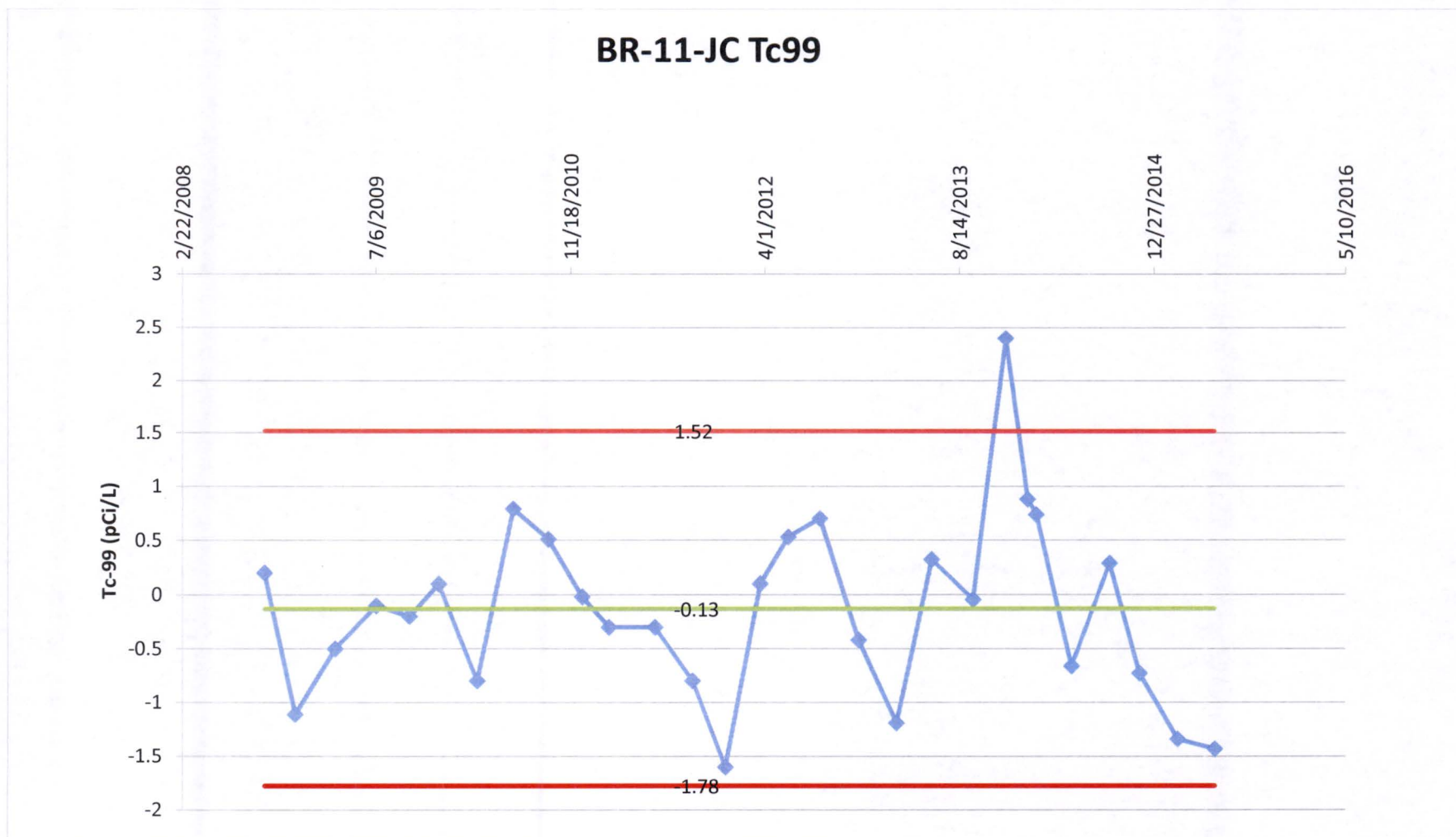
Well ID BR-11-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
2/24/2011	-0.3	0.93	1.6	2.16	0.38	0.14	0.003	0.035	0.094	0.51	0.17	0.12
6/22/2011	-0.3	1.1	1.8	1.16	0.28	0.11	-0.018	0.018	0.11	0.27	0.14	0.12
9/27/2011	-0.8	1	1.8	0.92	0.25	0.07	0.009	0.039	0.098	0.25	0.13	0.09
12/20/2011	-1.6	1.1	2	1.42	0.32	0.07	-0.01	0.014	0.1	0.23	0.13	0.13
3/20/2012	0.1	1	1.7	1.16	0.28	0.07	0.057	0.066	0.051	0.26	0.13	0.04
5/31/2012	0.53	0.98	1.6	1.13	0.22	0.06	0.011	0.023	0.03	0.165	0.083	0.07
8/21/2012	0.7	1	1.7	1.24	0.29	0.09	0.018	0.037	0.05	0.3	0.14	0.08
11/28/2012	-0.42	0.89	1.6	1.59	0.28	0.06	0.049	0.049	0.033	0.26	0.1	0.03
3/5/2013	-1.19	0.943	1.68	1.44	0.257	0.0734	0.0173	0.0322	0.0572	0.207	0.0879	0.0458
6/4/2013	0.323	1.14	1.93	1.4	0.262	0.0609	0.00201	0.028	0.0758	0.194	0.0881	0.0262
9/18/2013	-0.046	1.25	2.14	1.4	0.383	0.207	-0.0613	0.071	0.263	0.0435	0.127	0.249
12/11/2013	2.4	1.3	2.05	1.54	0.286	0.0685	0.013	0.026	0.0389	0.274	0.114	0.0838
2/5/2014	0.88	1.22	2.01	1.45	0.271	0.0855	0.0195	0.0363	0.068	0.247	0.101	0.0296
2/27/2014	0.737	1.33	2.2	1.47	0.219	0.0657	-0.0101	0.0237	0.0679	0.188	0.071	0.0603
5/28/2014	-0.661	1.28	2.2	1.67	0.294	0.0728	0.00205	0.0285	0.0807	0.265	0.11	0.0851



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

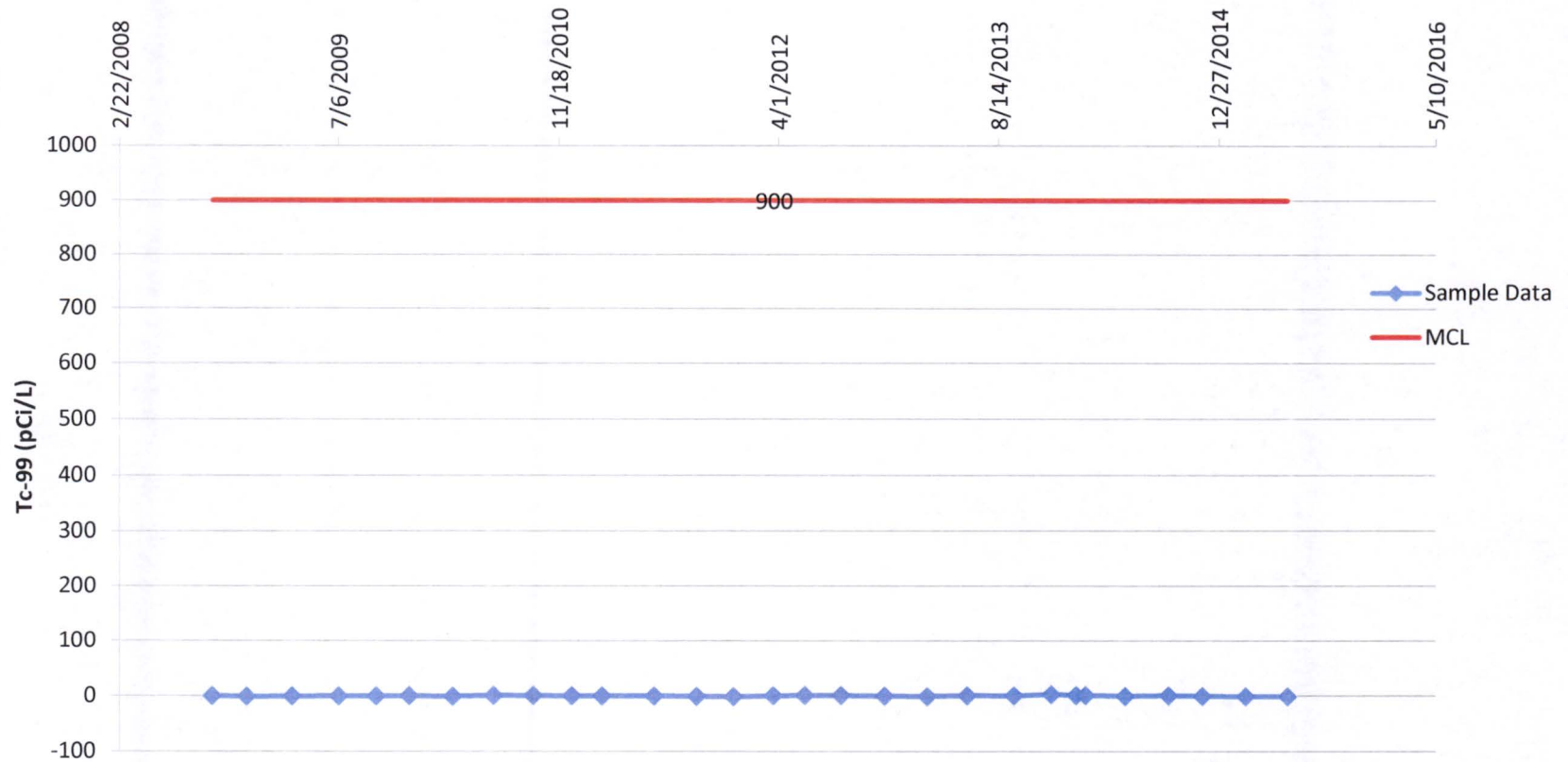
Well ID BR-11-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/3/2014	0.288	1.3	2.19	1.45	0.27	0.0653	0.0196	0.0365	0.0683	0.204	0.0928	0.0548
11/19/2014	-0.728	1.41	2.43	1.74	0.309	0.0847	0.0262	0.0371	0.0392	0.243	0.106	0.069
2/26/2015	-1.34	1.29	2.26	1.22	0.251	0.0322	0.0401	0.0464	0.0401	0.307	0.119	0.0593
6/2/2015	-1.43	1.38	2.42	1.89	0.282	0.0215	0.0212	0.0329	0.0564	0.285	0.0956	0.0551

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

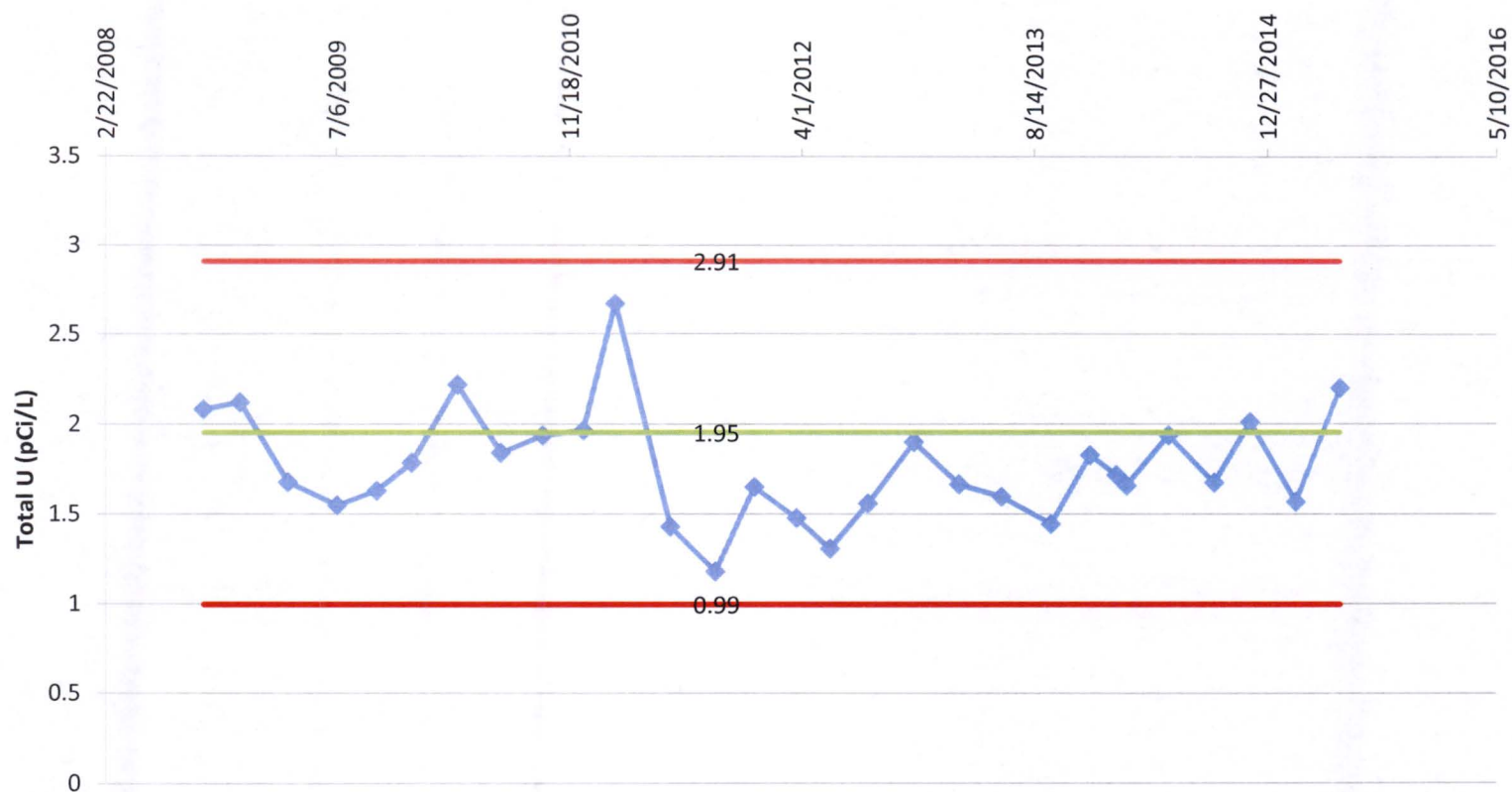
**BR-11-JC Tc99**



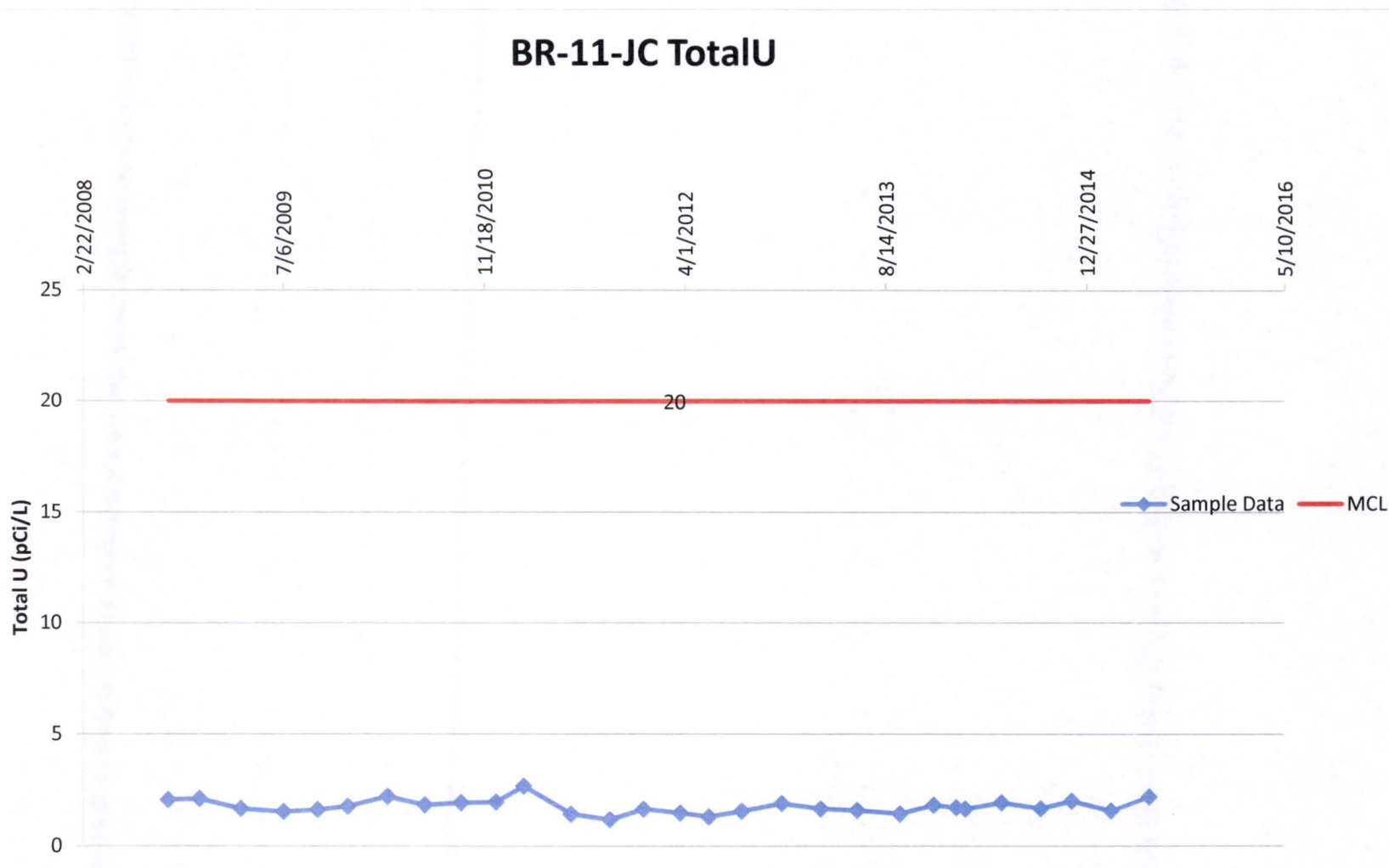


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-11-JC TotalU**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results**  
**Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-12-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/27/2007	-1.9	0	6.48	2.606	0	0.1162	0.02413	0	0.07181	0.3876	0	0.1006
9/19/2007	2.48	0	5.47	3.076	0	0.09358	0.00763	0	0.03209	0.3608	0	0.08608
12/3/2007	-5.79	0	5.9	2.566	0.7985	0.3015	0	1.7	0.08	0.3907	0.3047	0.2335
3/3/2008	-1.9	2.99	4.98	0.6106	0.1908	0.08285	0.01668	0.03337	0.02459	0.3502	0.1431	0.06417
6/25/2008	-4.77	0	5.98	2.69	0	0.04	0.06	0	0.04	0.28	0	0.04
9/15/2008	1.3	2.2	4	2.6	0.37	0	0.011	0.023	0	0.24	0	0.05
12/8/2008	0.28	0.84	1	2.39	0.44	0	0.035	0.049	0	0.33	0	0.04
3/24/2009	1.5	2.2	13	2	0.4	0	0.097	0.092	0	0.19	0	0.09
7/6/2009	-0.6	1.3	2.3	2.58	0.49	0.17	-0.011	0.054	0.17	0.2	0.14	0.17
10/1/2009	0.02	1.1	1.9	2.21	0.43	0.18	-0.005	0.046	0.14	0.26	0.14	0.1
12/10/2009	0.1	1.1	1.9	2.73	0.4	0.08	-0.007	0.013	0.07	0.26	0.1	0.06
3/22/2010	-0.9	1.1	2	2.72	0.39	0.07	0.018	0.034	0.061	0.23	0.096	0.049
6/22/2010	0.14	0.97	1.6	2.69	0.4	0.08	0.045	0.052	0.066	0.184	0.091	0.064
9/20/2010	0.02	0.87	1.5	2.19	0.44	0.1	-0.006	0.011	0.1	0.14	0.1	0.05
12/15/2010	0.36	0.94	1.6	2.45	0.45	0.09	0	0.021	0.056	0.16	0.11	0.04



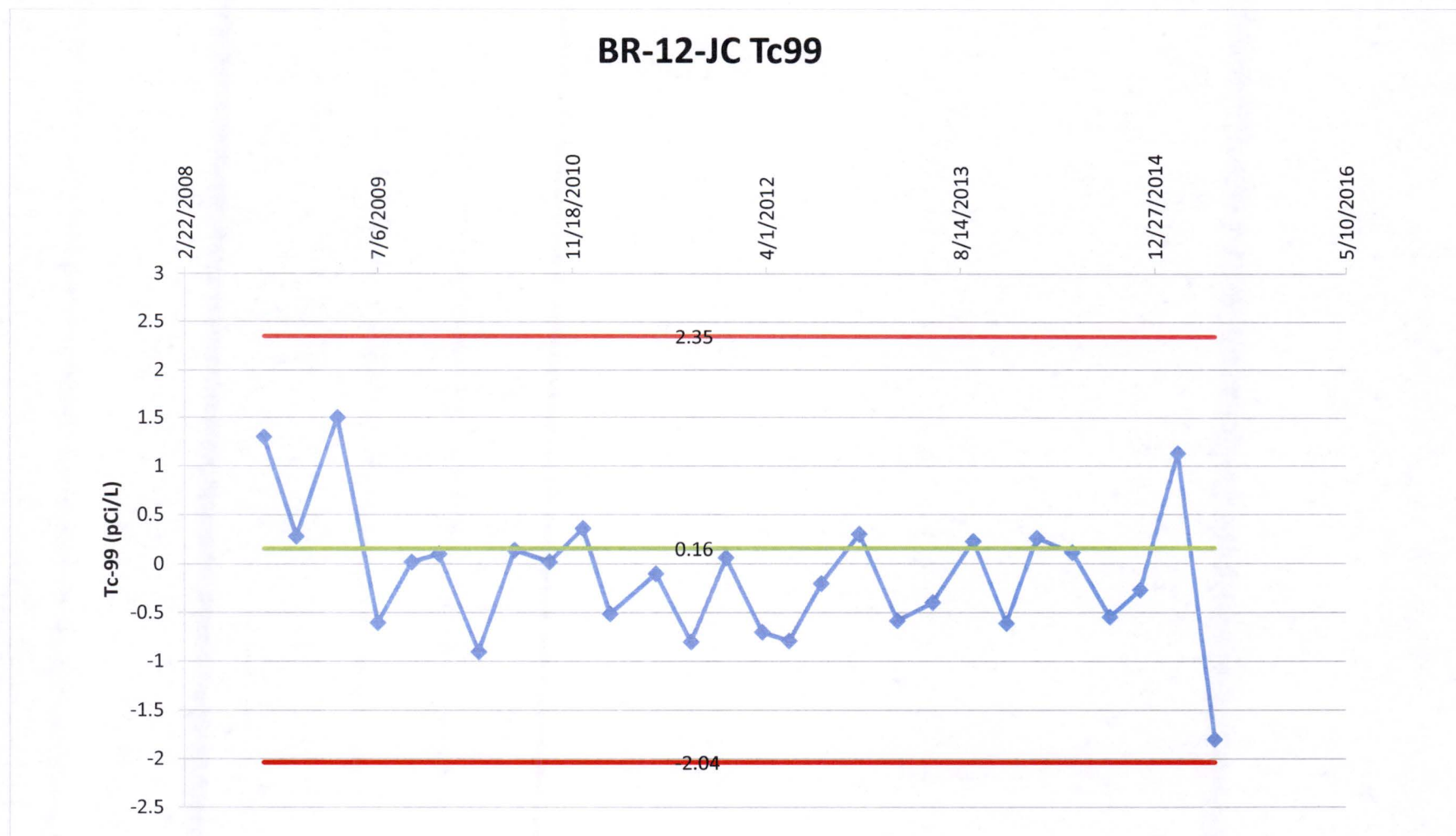
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-12-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
2/23/2011	-0.51	0.91	1.6	2.28	0.44	0.13	0.011	0.045	0.11	0.35	0.16	0.09
6/21/2011	-0.1	1.1	1.9	3.07	0.59	0.21	0.014	0.058	0.15	0.22	0.15	0.14
9/20/2011	-0.8	1.1	2	2.55	0.45	0.12	0.01	0.041	0.1	0.28	0.14	0.08
12/19/2011	0.06	0.97	1.6	2.16	0.4	0.07	0.014	0.039	0.085	0.26	0.13	0.04
3/22/2012	-0.7	1.1	1.9	2.29	0.43	0.1	0.041	0.057	0.055	0.25	0.13	0.09
5/30/2012	-0.79	0.93	1.6	2.65	0.38	0.07	-0.003	0.028	0.081	0.27	0.1	0.06
8/21/2012	-0.2	1.3	2.2	2.46	0.47	0.09	0	0.011	0.06	0.32	0.15	0.05
11/27/2012	0.3	1	1.7	2.6	0.4	0.06	0.008	0.03	0.072	0.31	0.12	0.07
3/5/2013	-0.582	1.03	1.79	2.31	0.373	0.0773	0.0272	0.0385	0.0367	0.196	0.0939	0.0295
6/4/2013	-0.395	1.17	2.05	2.34	0.358	0.0676	0	0.0099	0.0321	0.31	0.113	0.0498
9/16/2013	0.227	1.28	2.16	2.98	1.12	0.114	0.0262	0.105	0.071	0.333	0.342	0.0896
12/10/2013	-0.609	1.19	2.06	2.49	0.316	0.0168	0.0417	0.0343	0.0209	0.218	0.0737	0.0427
2/26/2014	0.26	1.24	2.09	2.46	0.389	0.0722	0.0137	0.0274	0.041	0.21	0.1	0.0721
5/28/2014	0.112	1.27	2.15	2.58	0.299	0.0123	0.0204	0.0205	0.0153	0.307	0.0782	0.0453
9/2/2014	-0.544	1.24	2.14	2.27	0.364	0.058	0.0523	0.0525	0.0392	0.321	0.12	0.0579

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

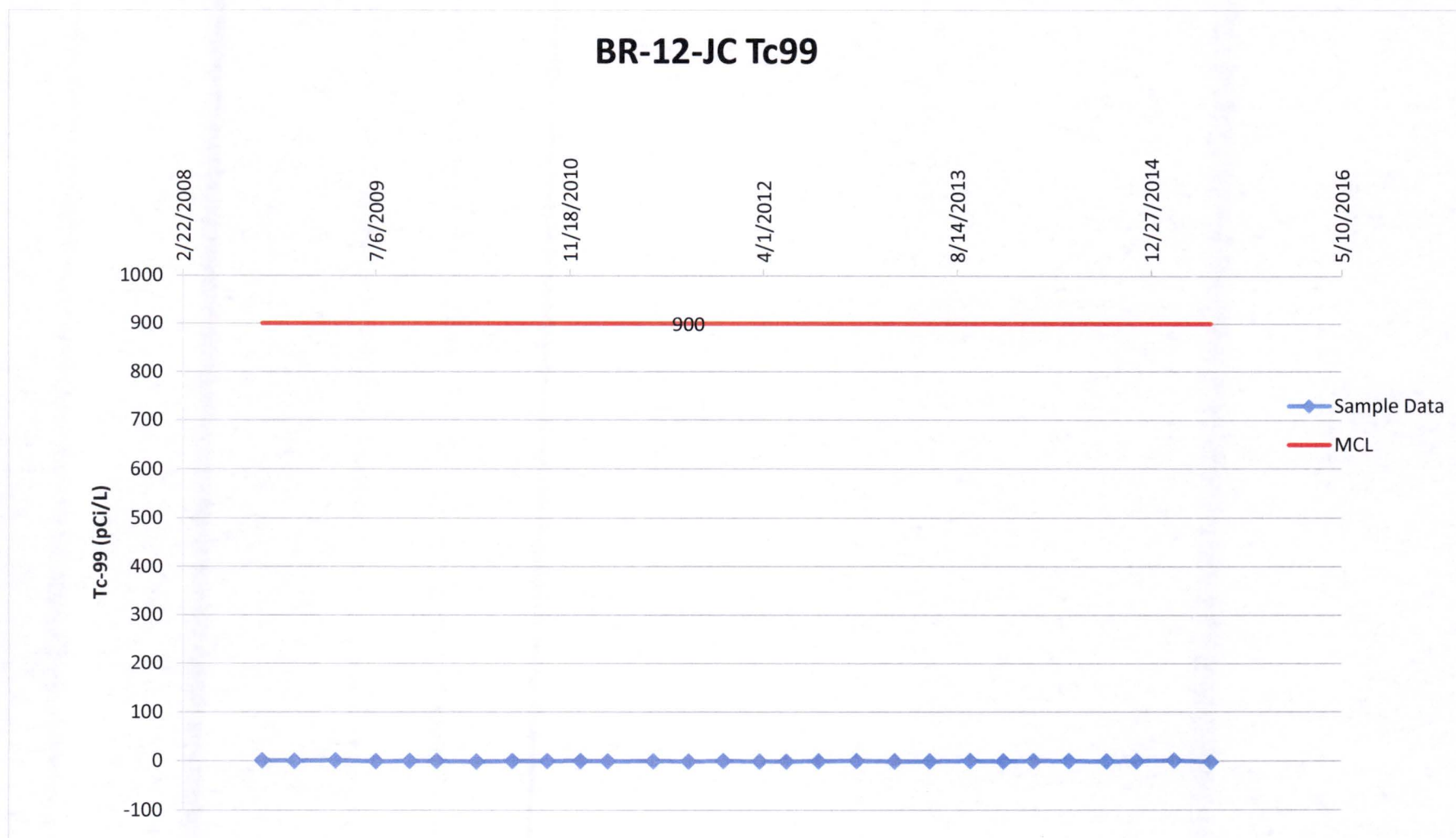
Well ID BR-12-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
11/19/2014	-0.269	1.24	2.11	2.17	0.355	0.07	0.0419	0.0553	0.0871	0.289	0.116	0.0698
2/25/2015	1.13	1.22	1.99	2.24	0.374	0.0849	0.0167	0.0439	0.0942	0.299	0.12	0.0345
6/1/2015	-1.8	1.25	2.2	2.23	0.322	0.0663	0.0472	0.0424	0.0283	0.305	0.101	0.0478

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

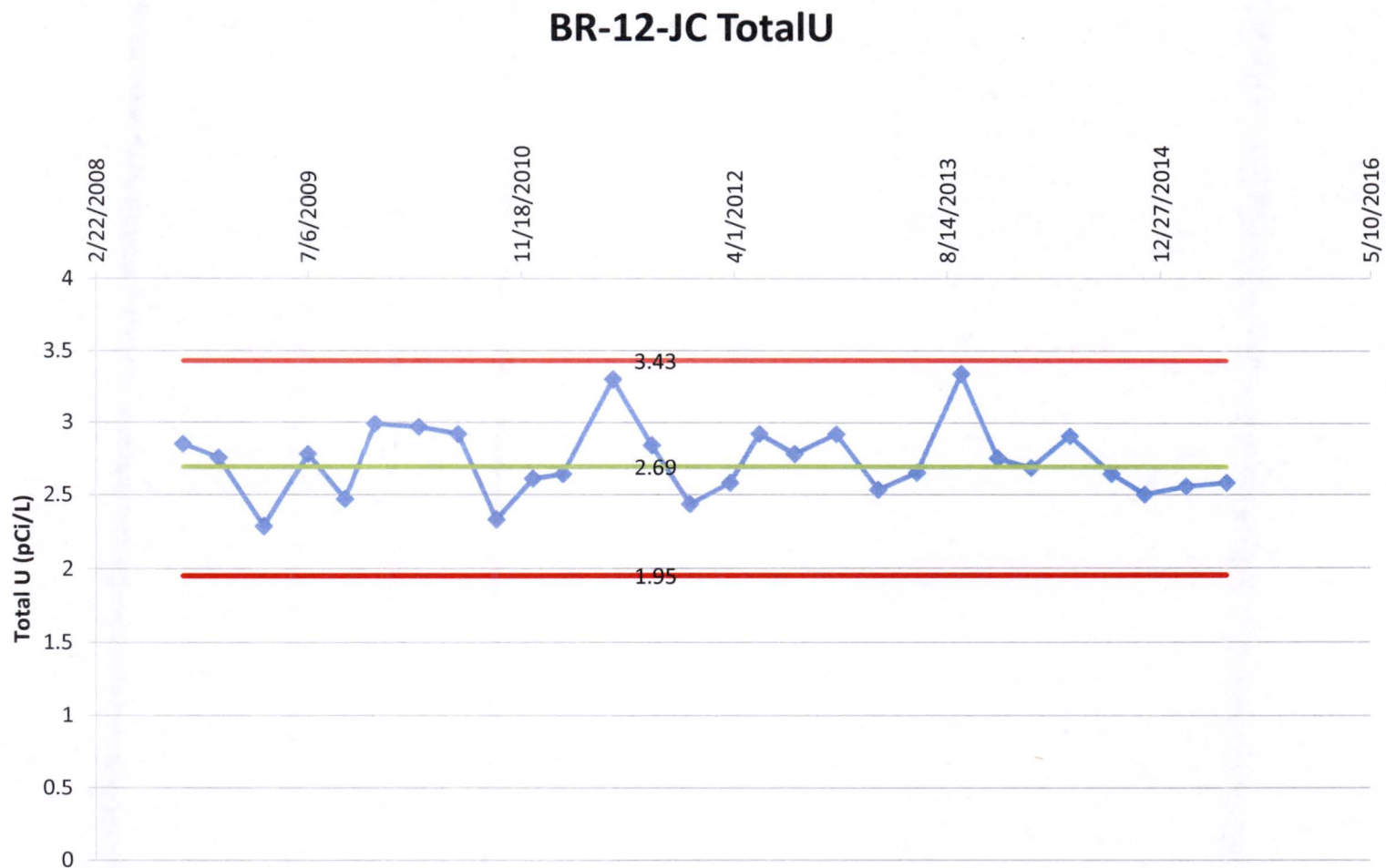




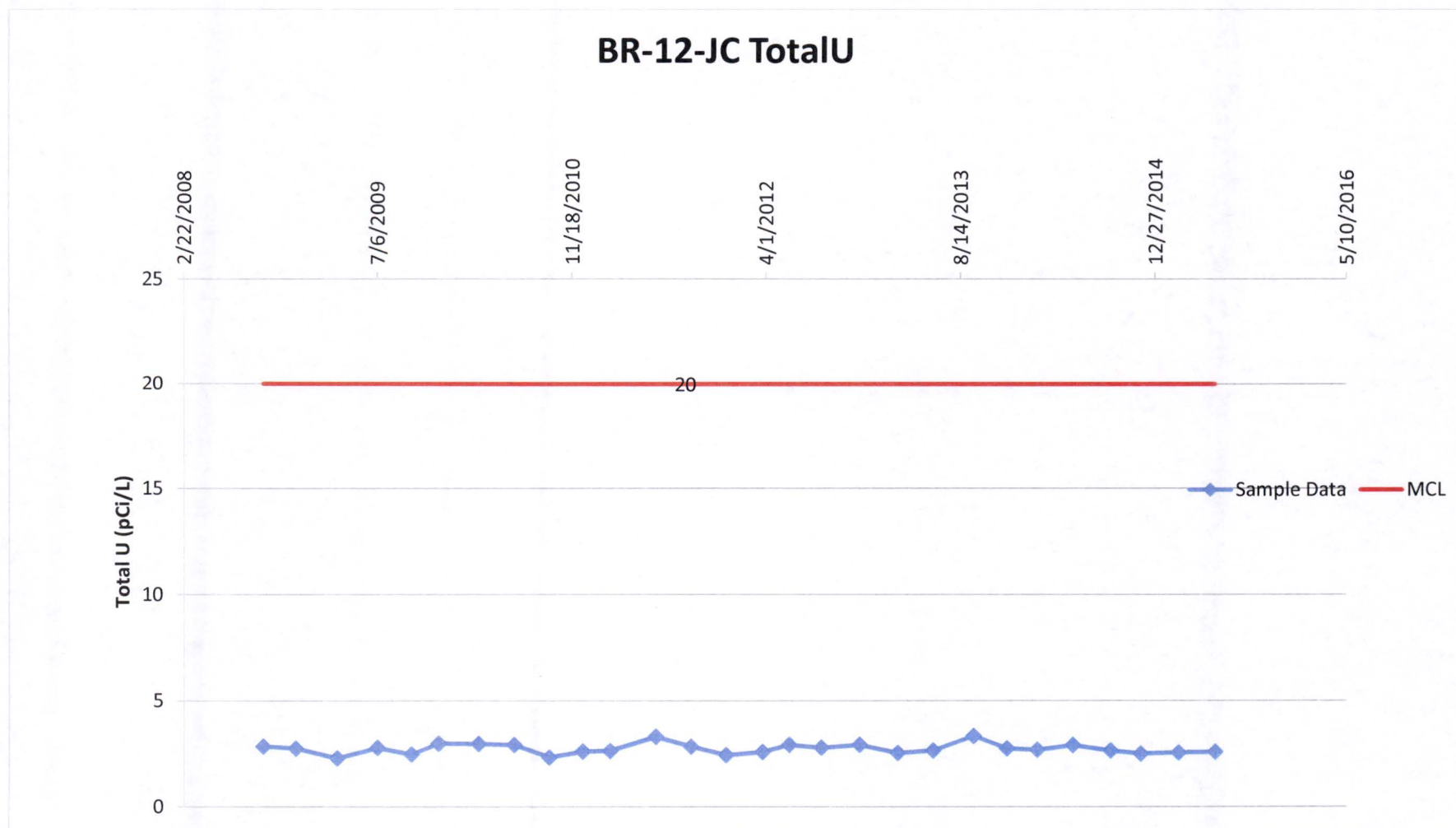
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





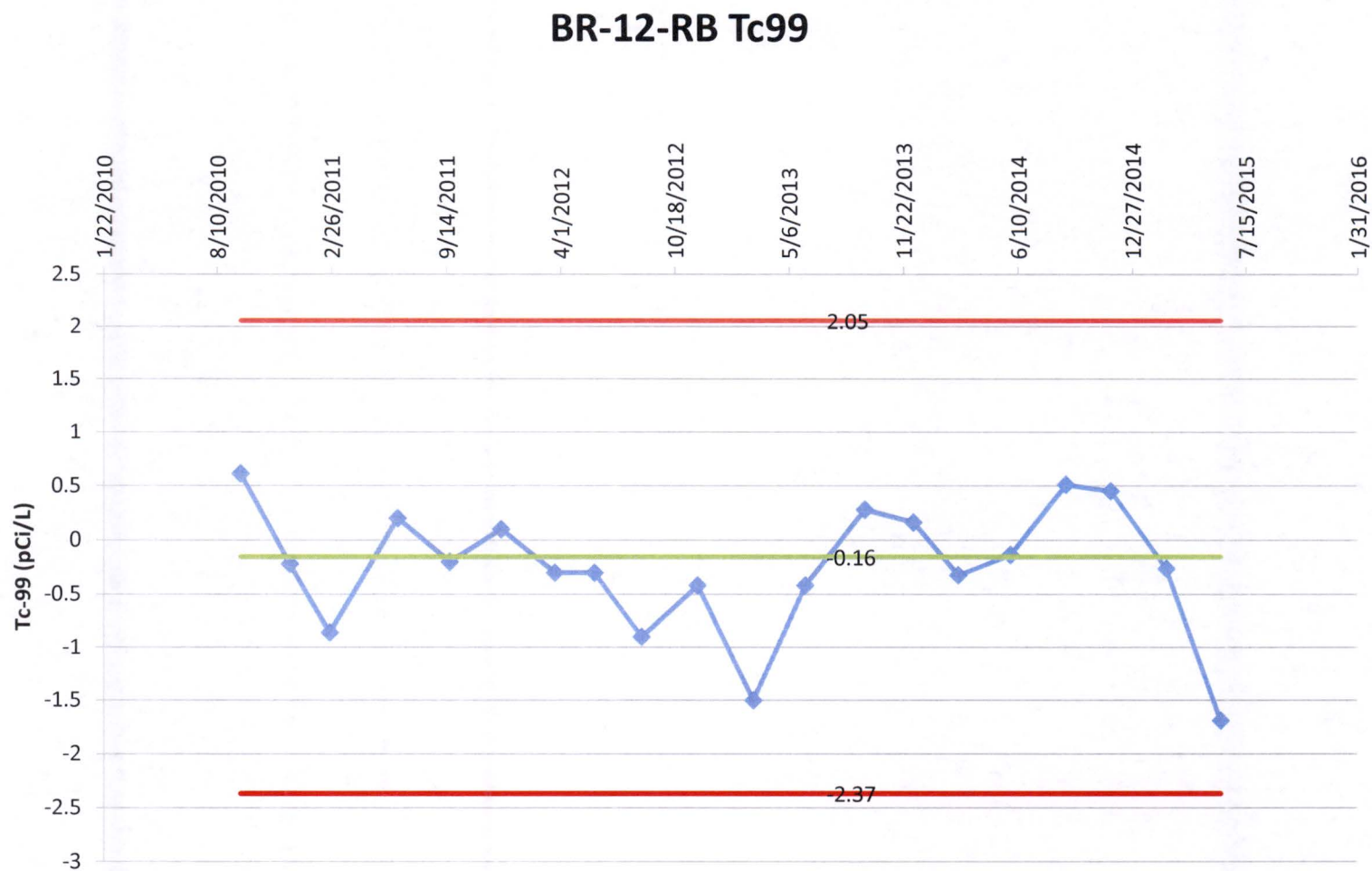
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-12-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/25/2008	-8.17	0	6.05	4.07	0	0.06	-0.0059	0	0.04	0.34	0	0.08
9/20/2010	0.61	0.93	1.5	3.29	0.57	0.1	0	0.023	0.063	0.2	0.12	0.08
12/15/2010	-0.22	0.9	1.5	3.33	0.54	0.09	0.01	0.042	0.1	0.21	0.12	0.08
2/23/2011	-0.86	0.89	1.6	4.26	0.67	0.13	0.035	0.067	0.12	0.49	0.2	0.1
6/21/2011	0.2	1.1	1.8	3.77	0.65	0.11	-0.013	0.019	0.14	0.4	0.19	0.1
9/20/2011	-0.2	1.1	1.9	4.07	0.57	0.03	0.062	0.075	0.11	0.32	0.13	0.03
12/19/2011	0.1	1	1.7	4.4	0.66	0.09	0.016	0.045	0.098	0.51	0.19	0.08
3/22/2012	-0.3	1.1	1.9	3.35	0.55	0.04	0.036	0.058	0.092	0.29	0.14	0.04
5/30/2012	-0.3	1	1.8	3.57	0.47	0.05	-0.003	0.027	0.079	0.34	0.12	0.08
8/21/2012	-0.9	1	1.8	2.58	0.47	0.08	0.01	0.044	0.11	0.13	0.1	0.11
11/27/2012	-0.418	0.997	1.7	3.36	0.46	0.05	0.049	0.049	0.033	0.26	0.11	0.06
3/5/2013	-1.5	0.987	1.77	3.55	0.487	0.0807	0.0259	0.0366	0.035	0.209	0.0974	0.0651
6/4/2013	-0.417	1.02	1.78	3.46	0.459	0.0478	0.0227	0.0322	0.0307	0.22	0.0936	0.0572
9/16/2013	0.279	1.22	2.07	3.14	1.16	0.115	0.0216	0.108	0.113	0.145	0.227	0.0906
12/10/2013	0.162	1.22	2.06	3.7	0.517	0.0919	0.0142	0.0284	0.0426	0.303	0.121	0.063

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

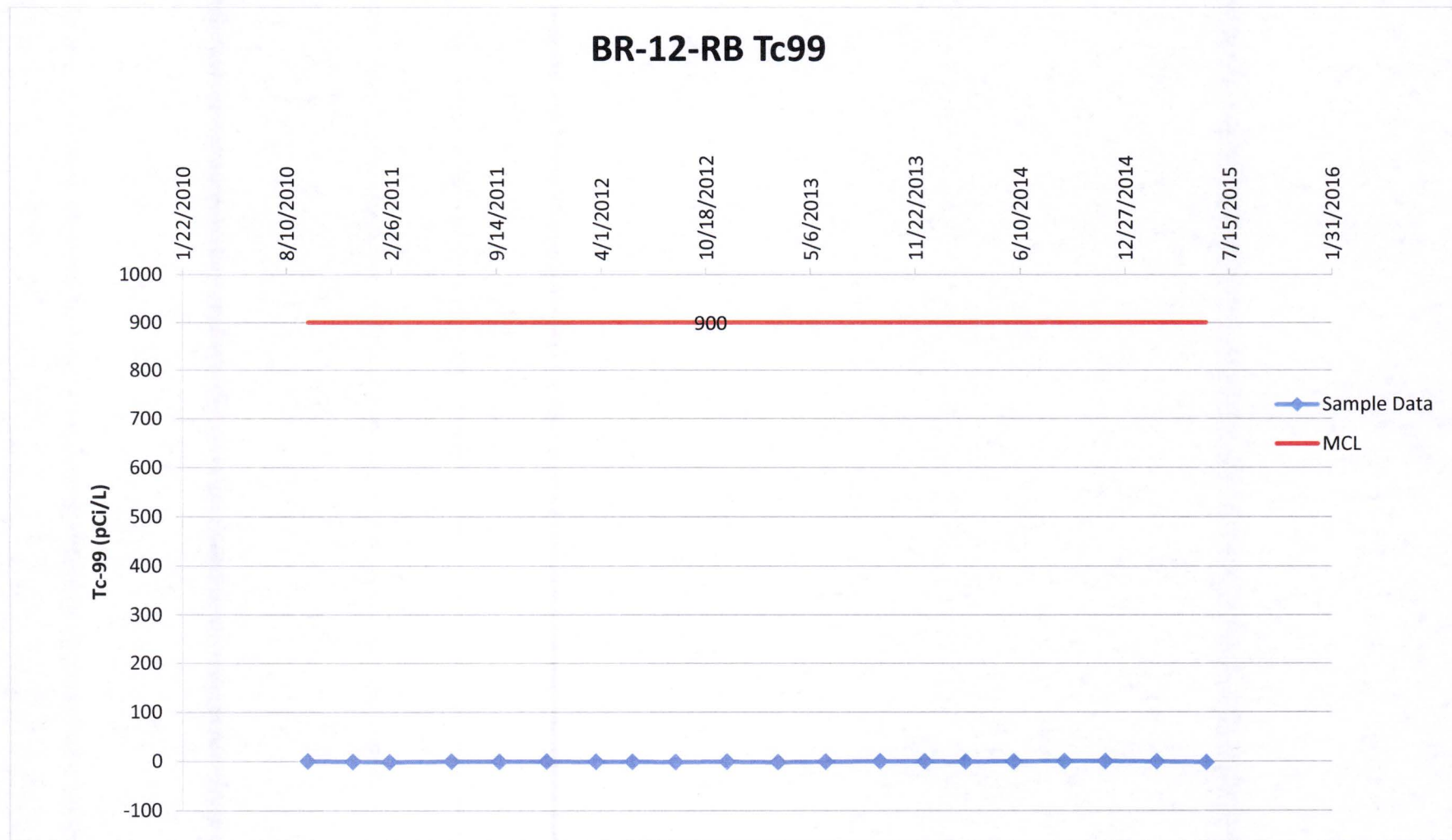
Well ID BR-12-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
2/26/2014	-0.323	1.22	2.09	2.8	0.416	0.0955	0.0151	0.0396	0.085	0.251	0.106	0.0682
5/28/2014	-0.135	1.3	2.22	2.85	0.416	0.0866	0.0374	0.0433	0.0374	0.297	0.115	0.0737
9/2/2014	0.51	1.27	2.12	2.56	0.39	0.0673	0.0127	0.0255	0.0382	0.143	0.0774	0.0307
11/19/2014	0.449	1.26	2.12	3.52	0.492	0.0807	0.0215	0.0402	0.0752	0.264	0.112	0.0718
2/25/2015	-0.263	1.24	2.13	3.05	0.452	0.0745	0.0223	0.0416	0.078	0.181	0.0918	0.0339
6/1/2015	-1.69	1.25	2.2	3.49	0.438	0.0229	0.0321	0.0399	0.0601	0.214	0.0827	0.0229

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



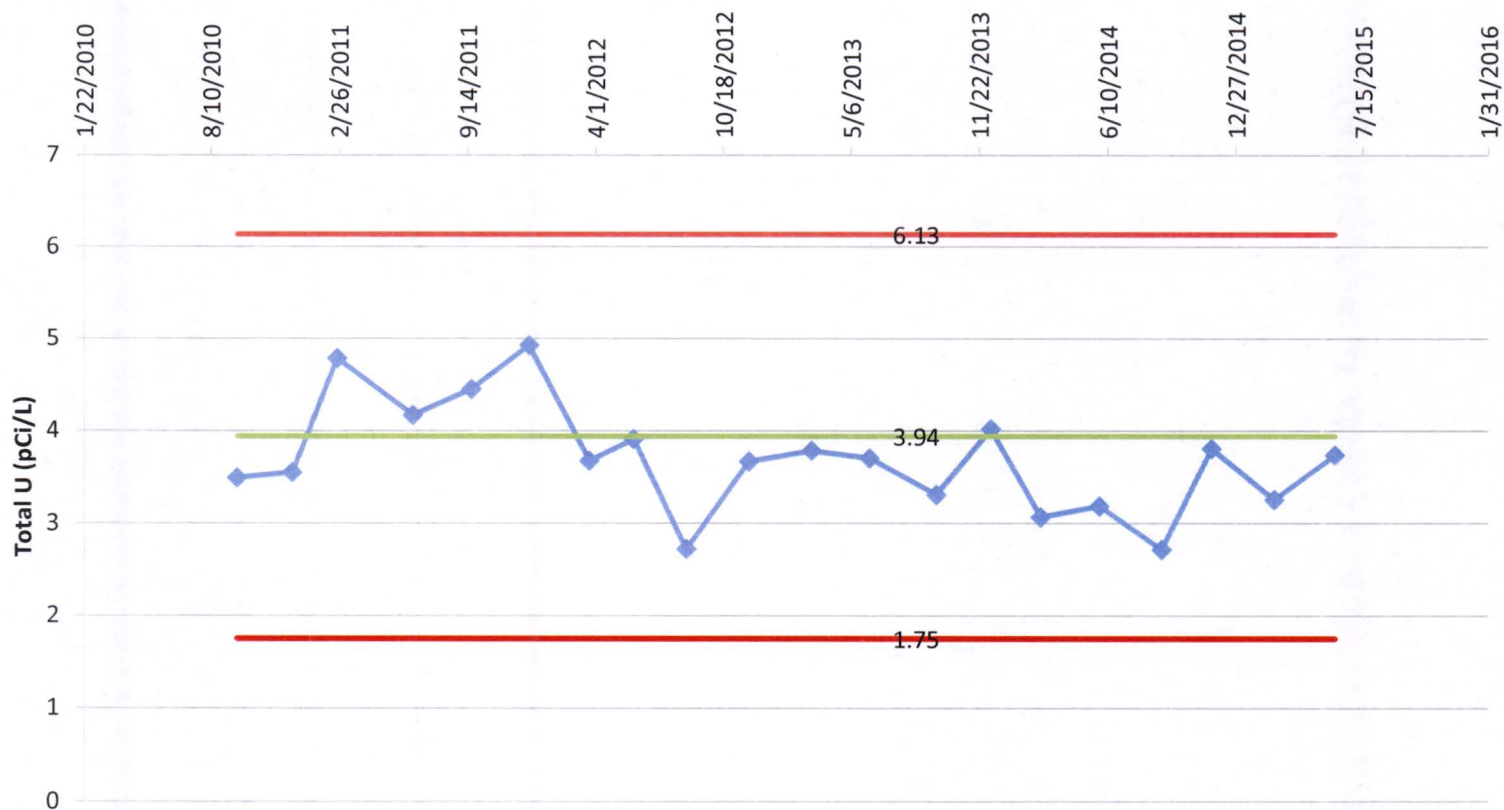


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

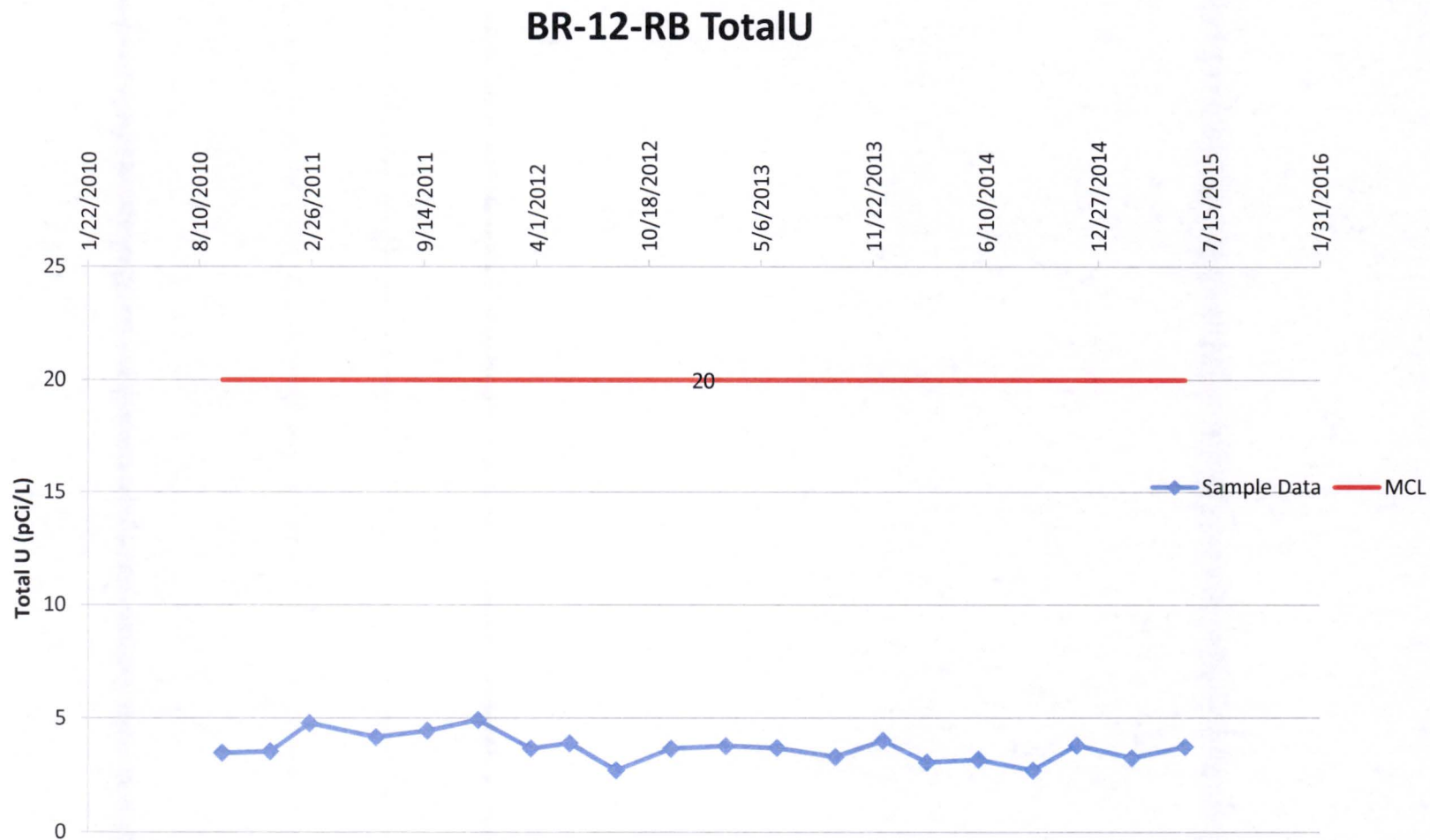


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-12-RB TotalU**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





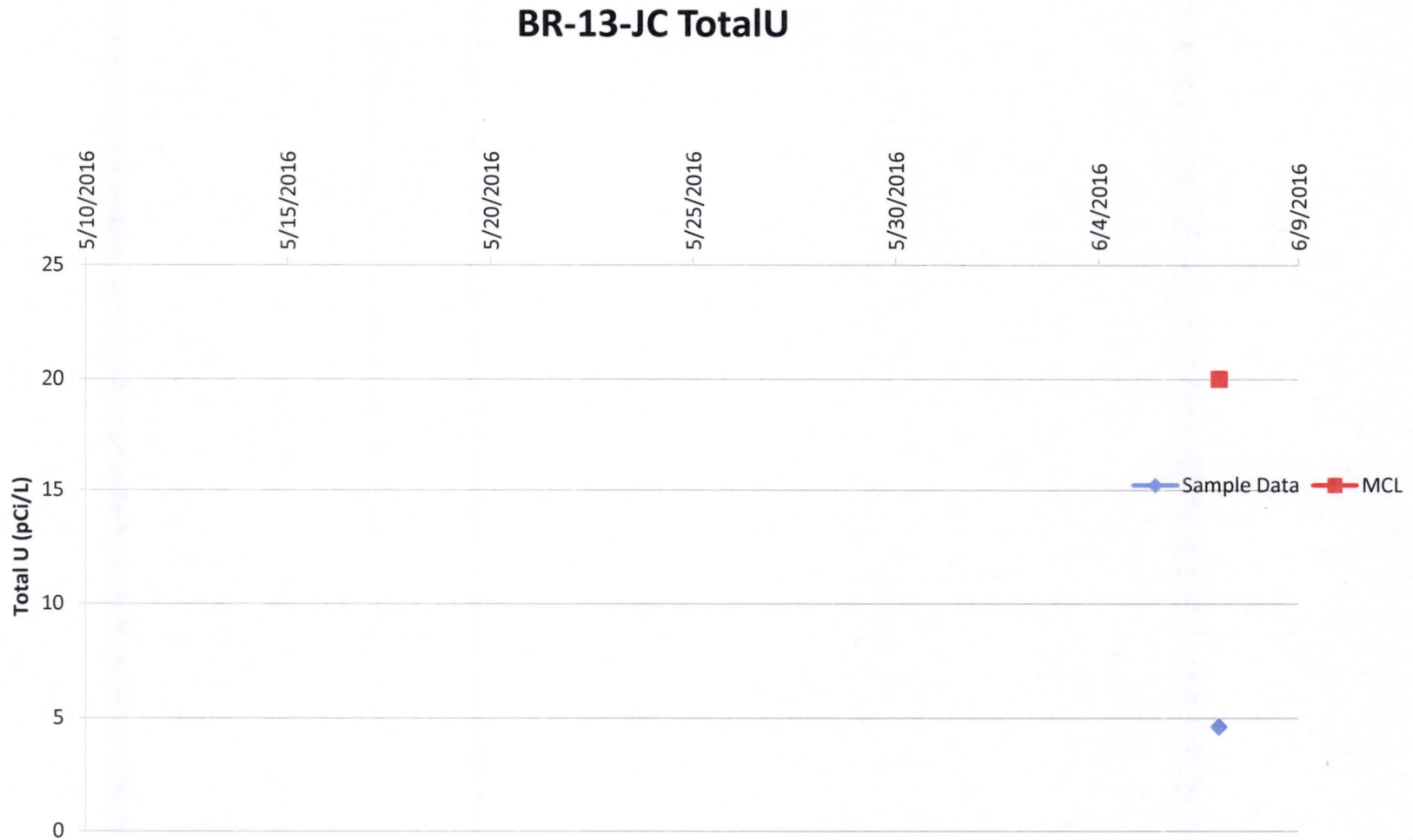
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-13-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/7/2016	-0.695	1.13	1.98	4.02	0.522	0.0621	0.0168	0.0379	0.0773	0.59	0.164	0.0858

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

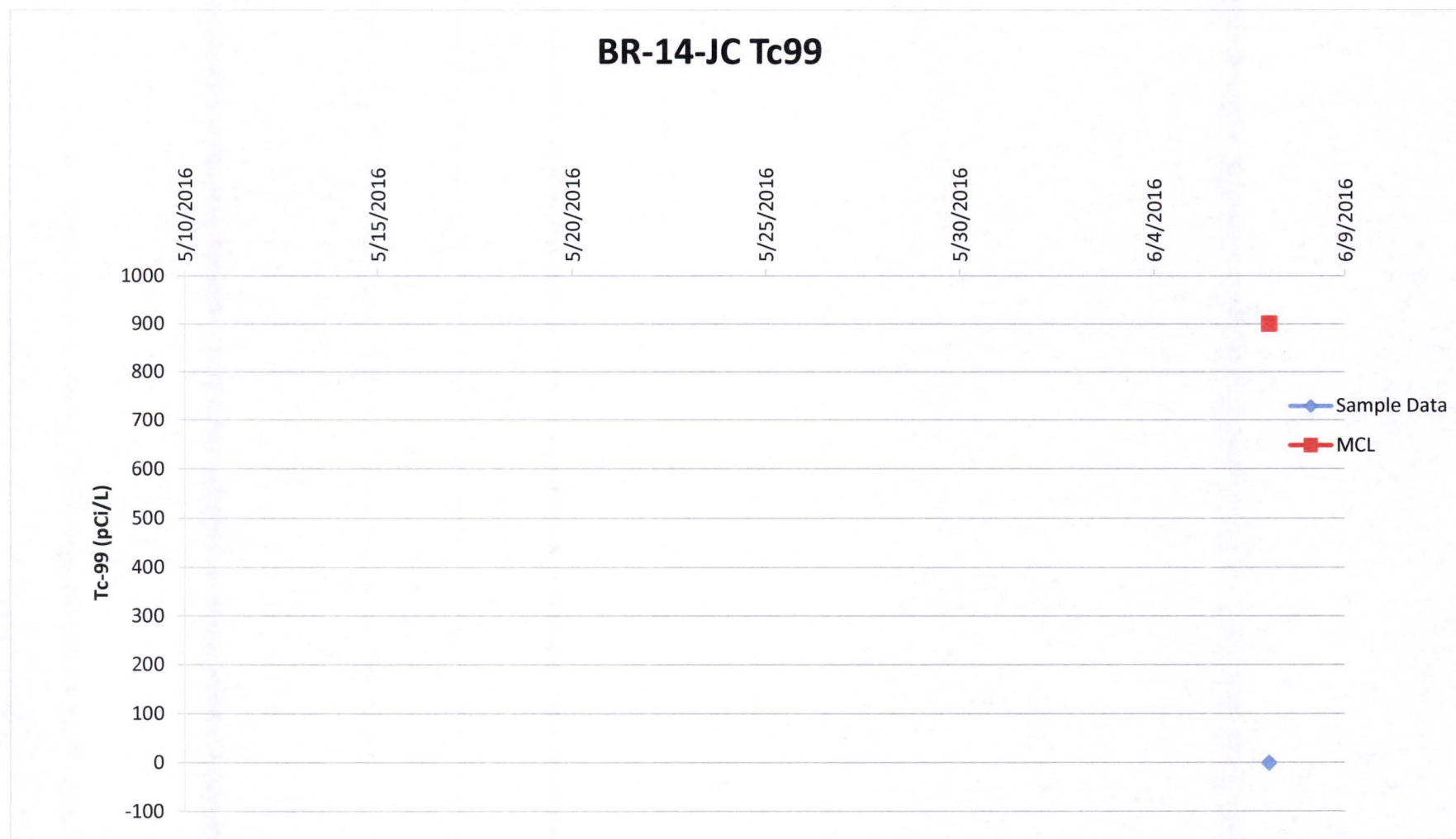




**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

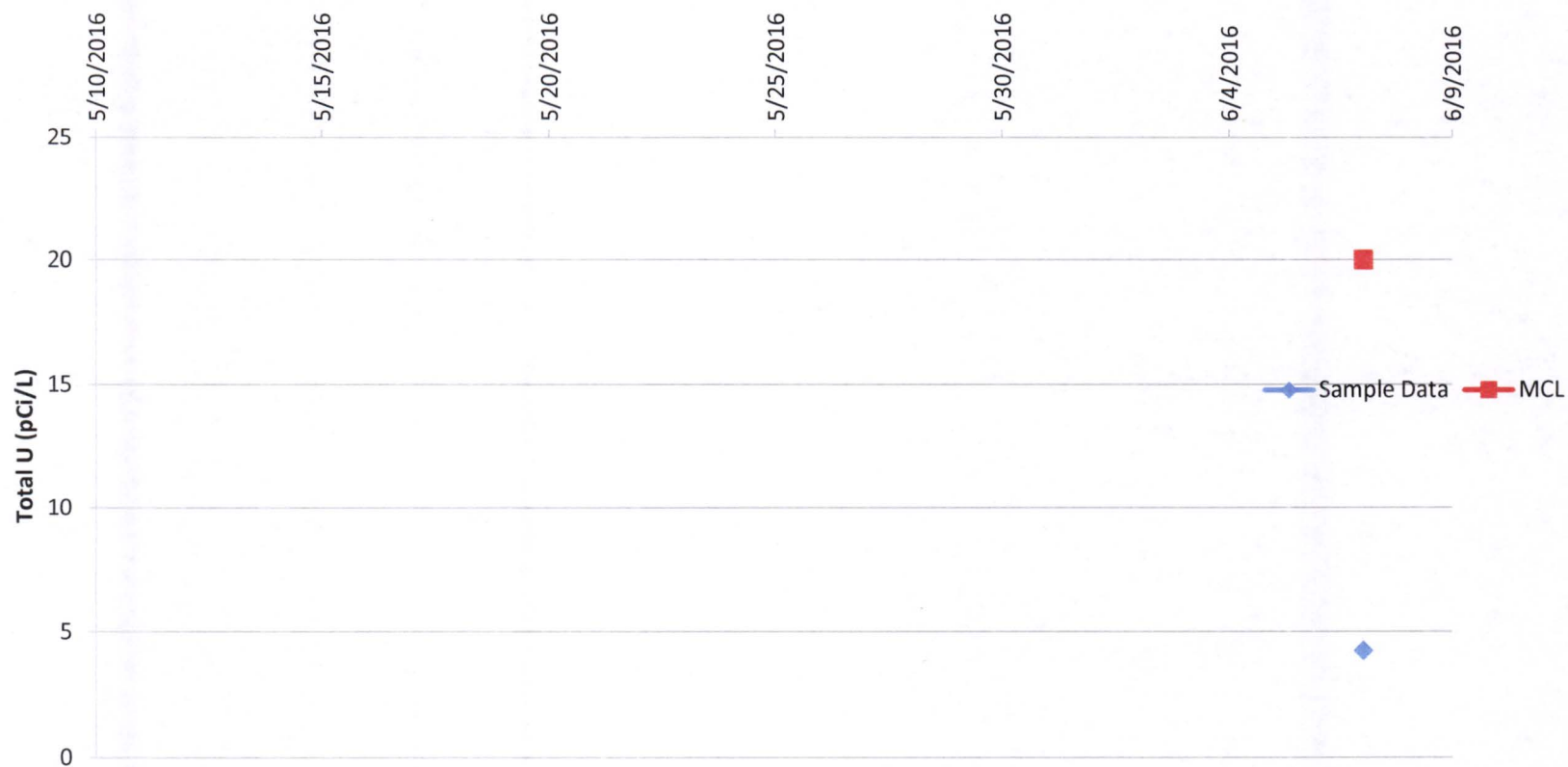
Well ID BR-14-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/7/2016	-1.24	1.22	2.19	3.74	0.508	0.0319	0.0662	0.0594	0.0397	0.435	0.141	0.0318

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-14-JC TotalU**



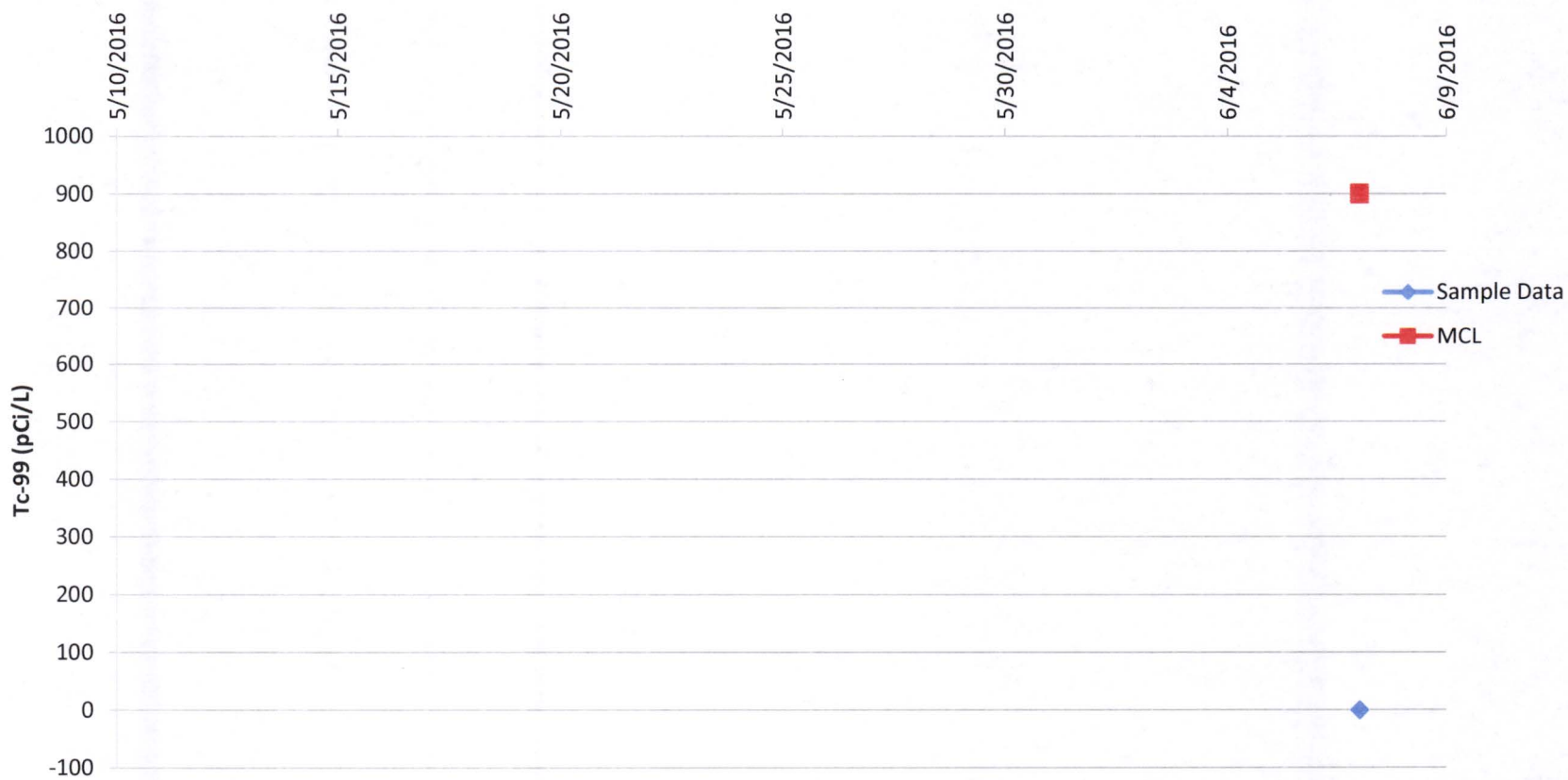


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-15-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/7/2016	-0.33	1.26	2.17	1.38	0.26	0.0745	0.0241	0.0342	0.0362	0.358	0.121	0.029

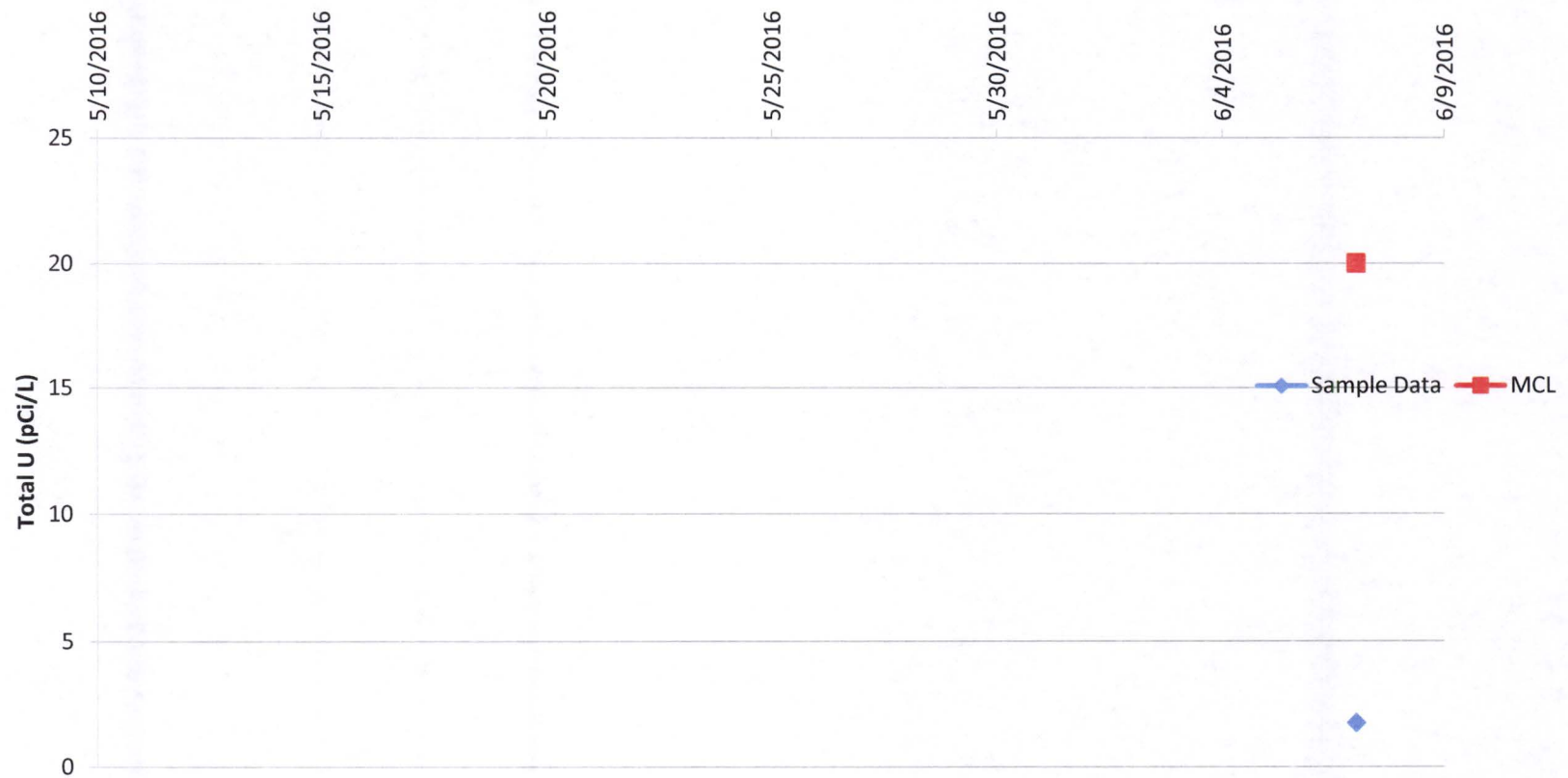
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-15-JC Tc99**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-15-JC TotalU**



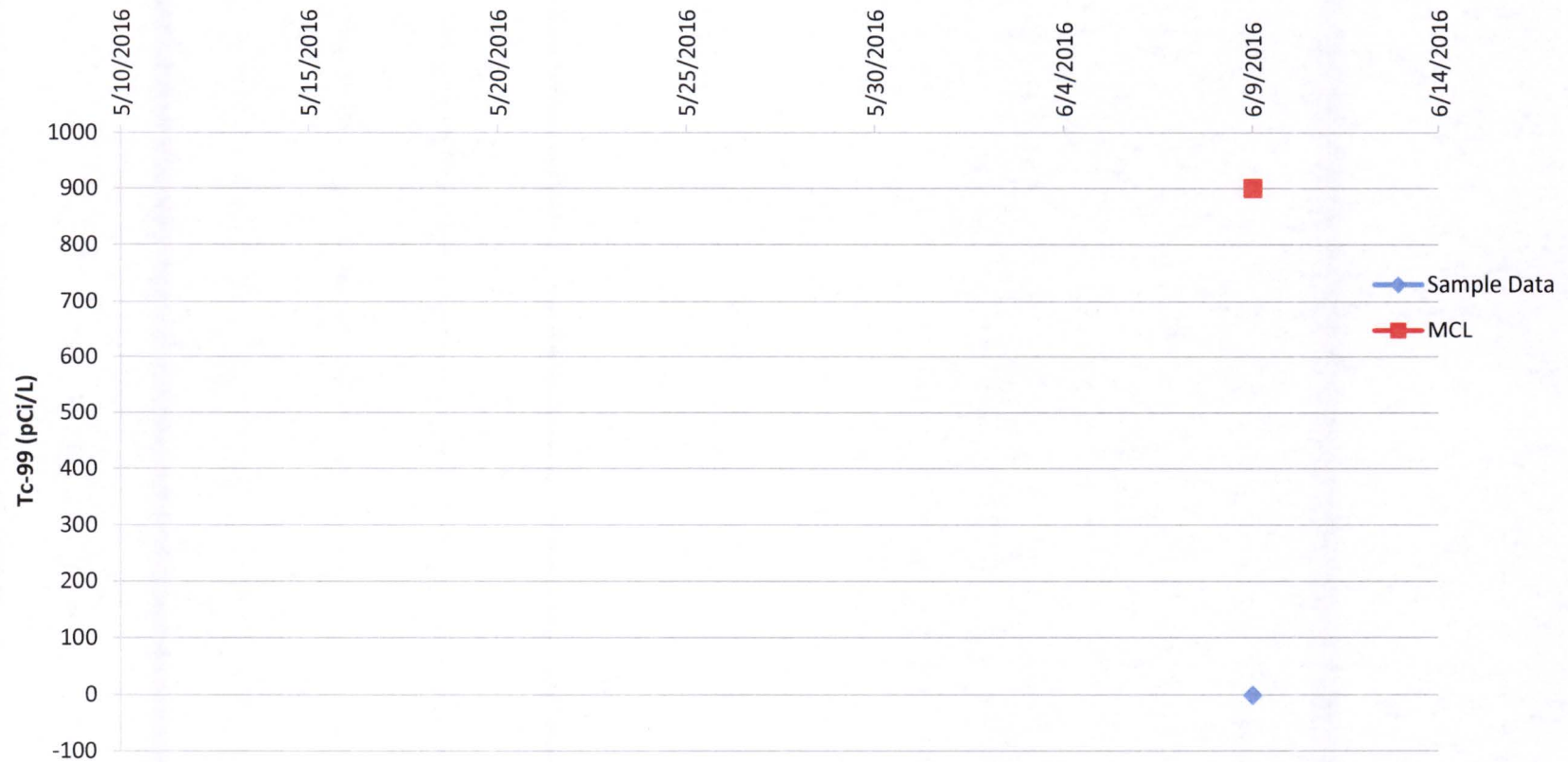


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-16-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/9/2016	-0.767	1.22	2.11	1.72	0.283	0.11	0.0204	0.0409	0.0781	0.655	0.158	0.0627

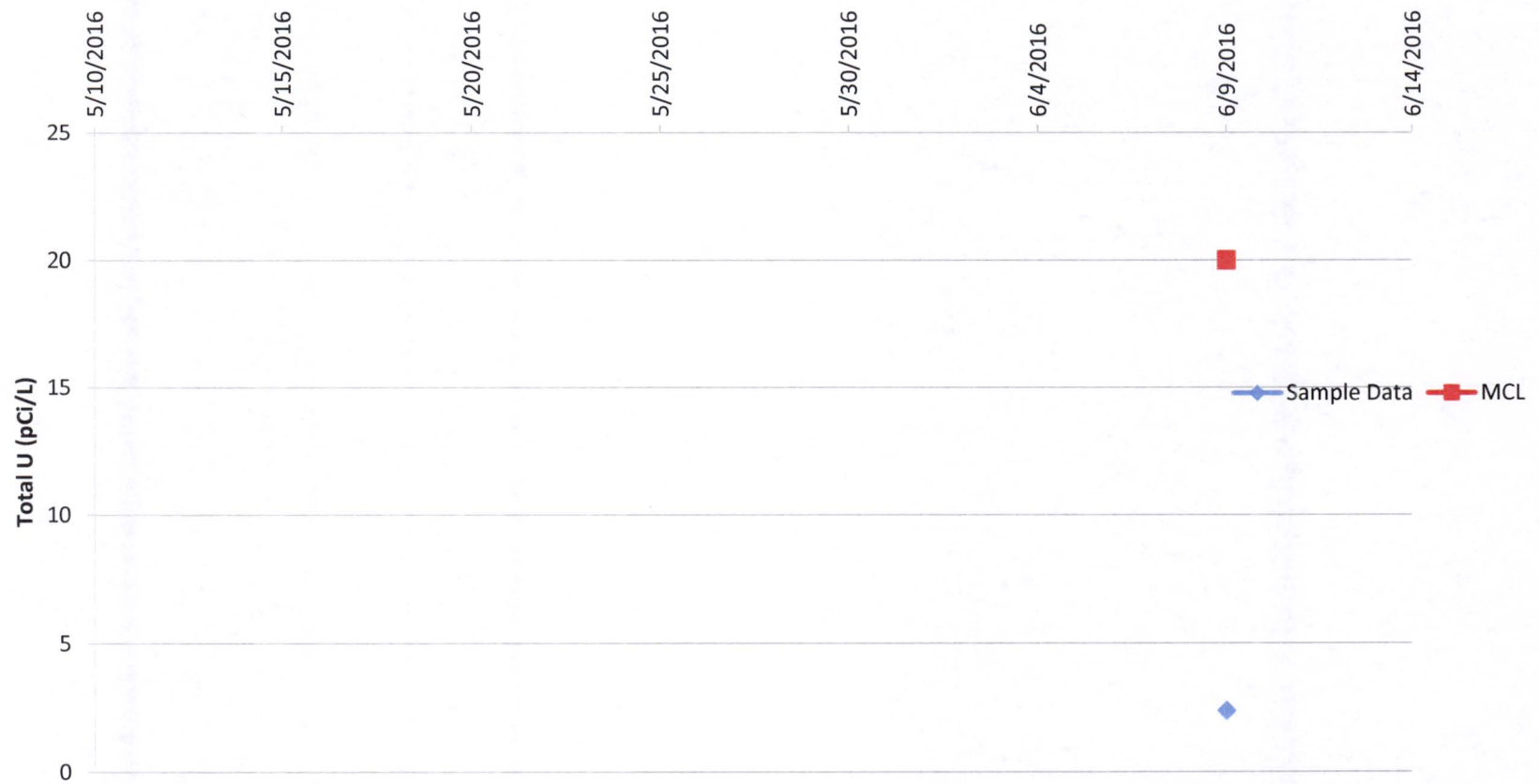
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-16-JC Tc99**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-16-JC TotalU**



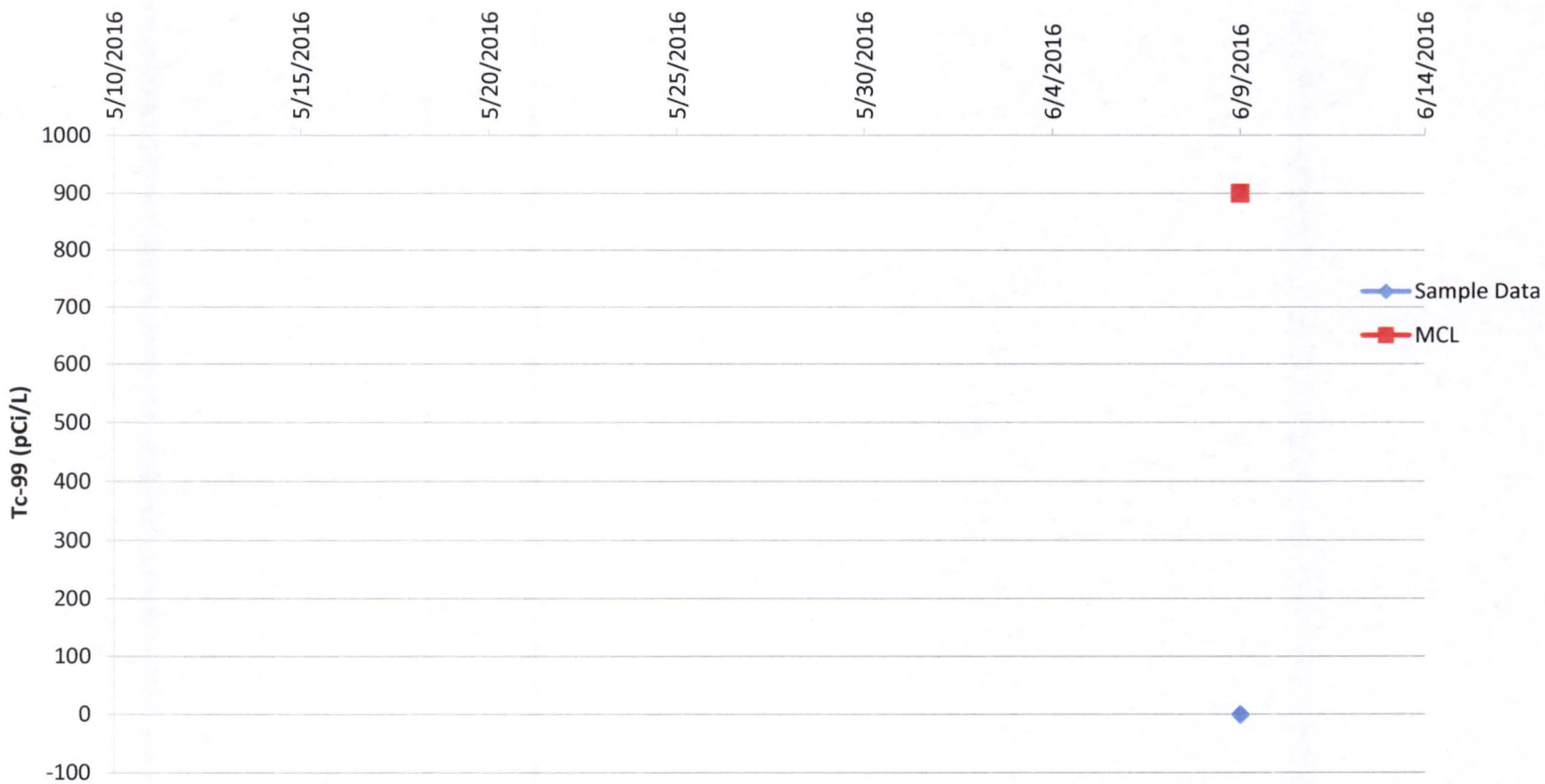


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

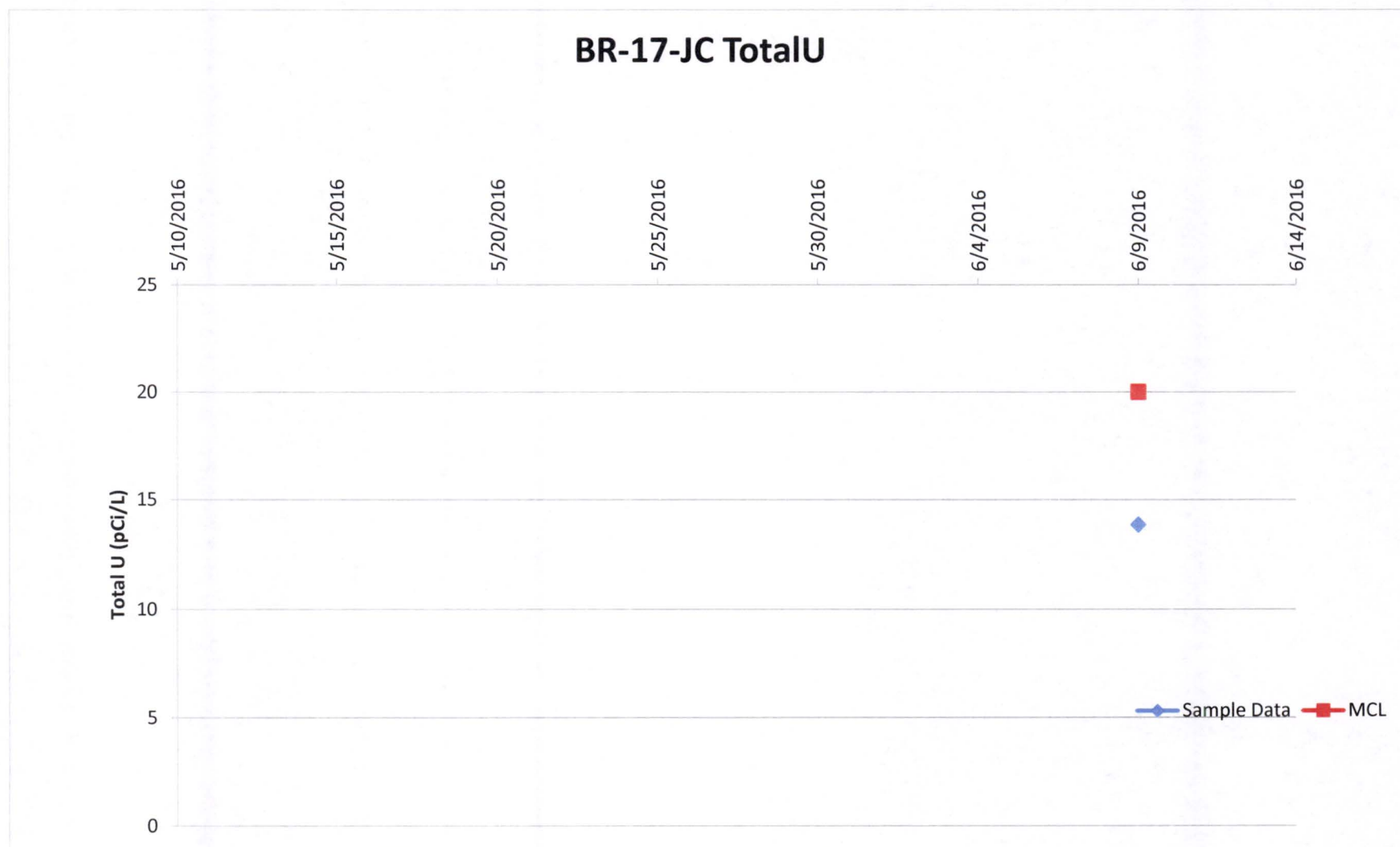
Well ID BR-17-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/9/2016	-0.402	1.51	2.6	11.7	1.39	0.249	0.126	0.133	0.192	2.04	0.44	0.0605

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**BR-17-JC Tc99**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

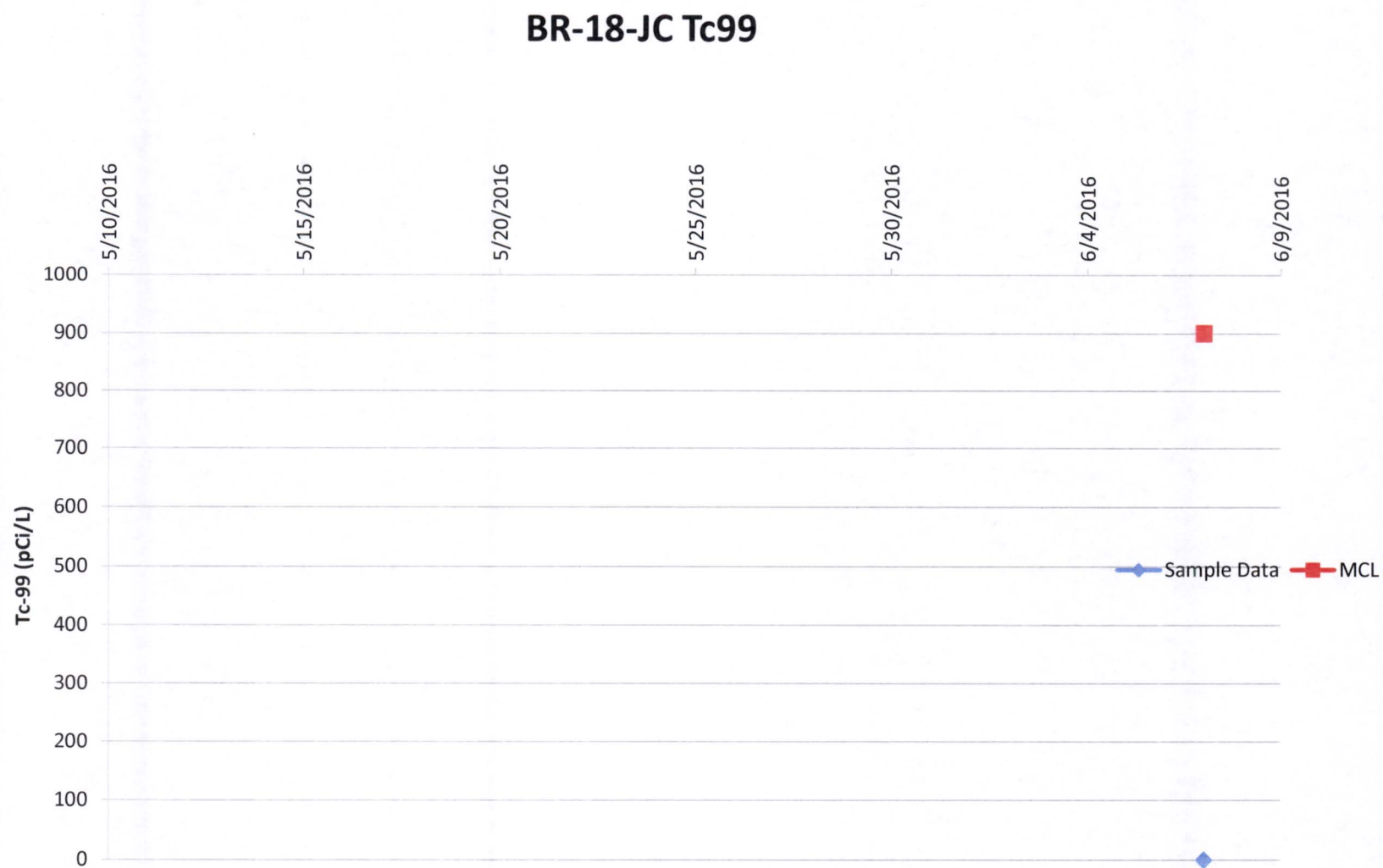




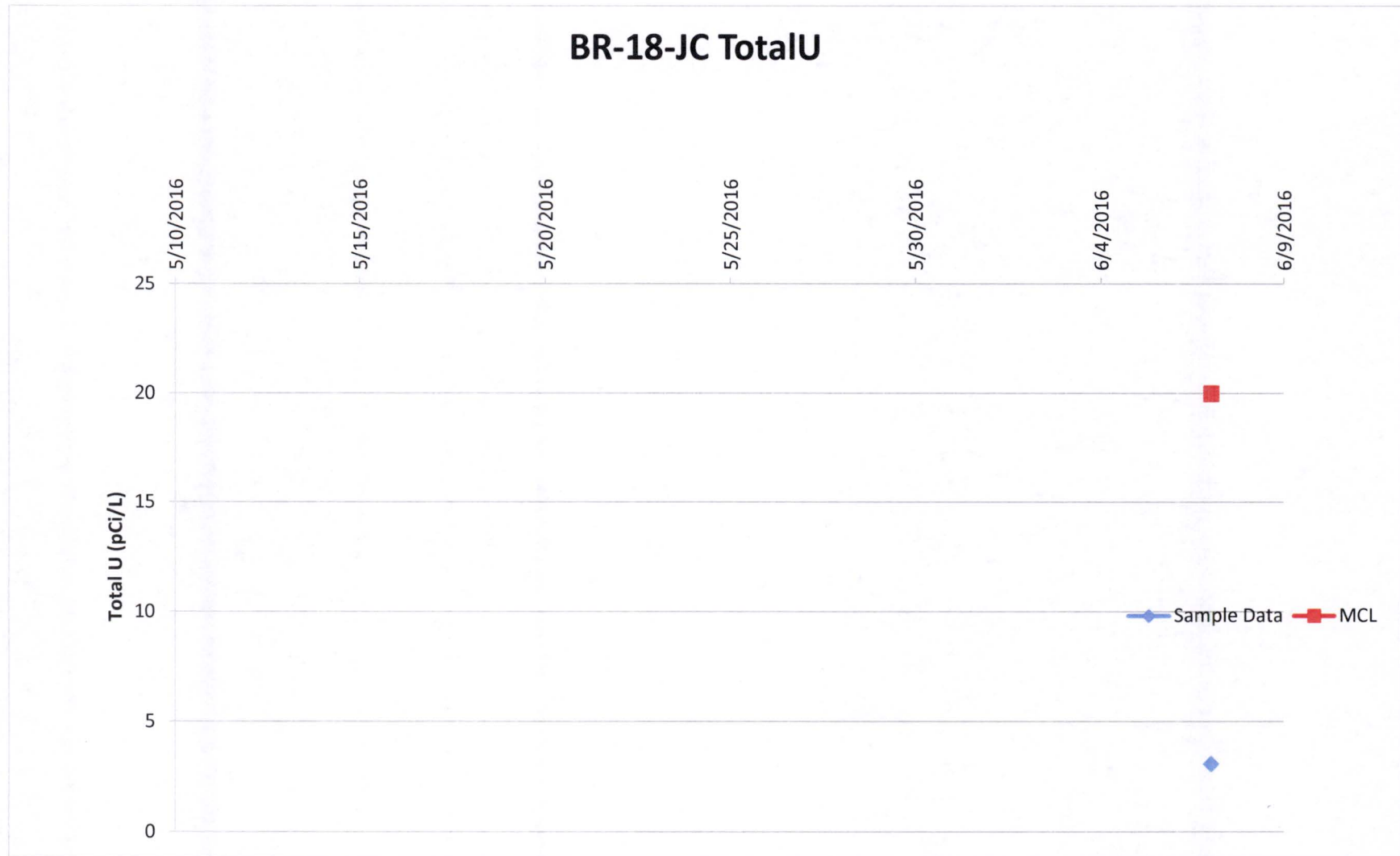
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-18-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/7/2016	0.0809	1.07	1.82	2.64	0.406	0.0838	0.0187	0.042	0.0857	0.433	0.145	0.0837

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

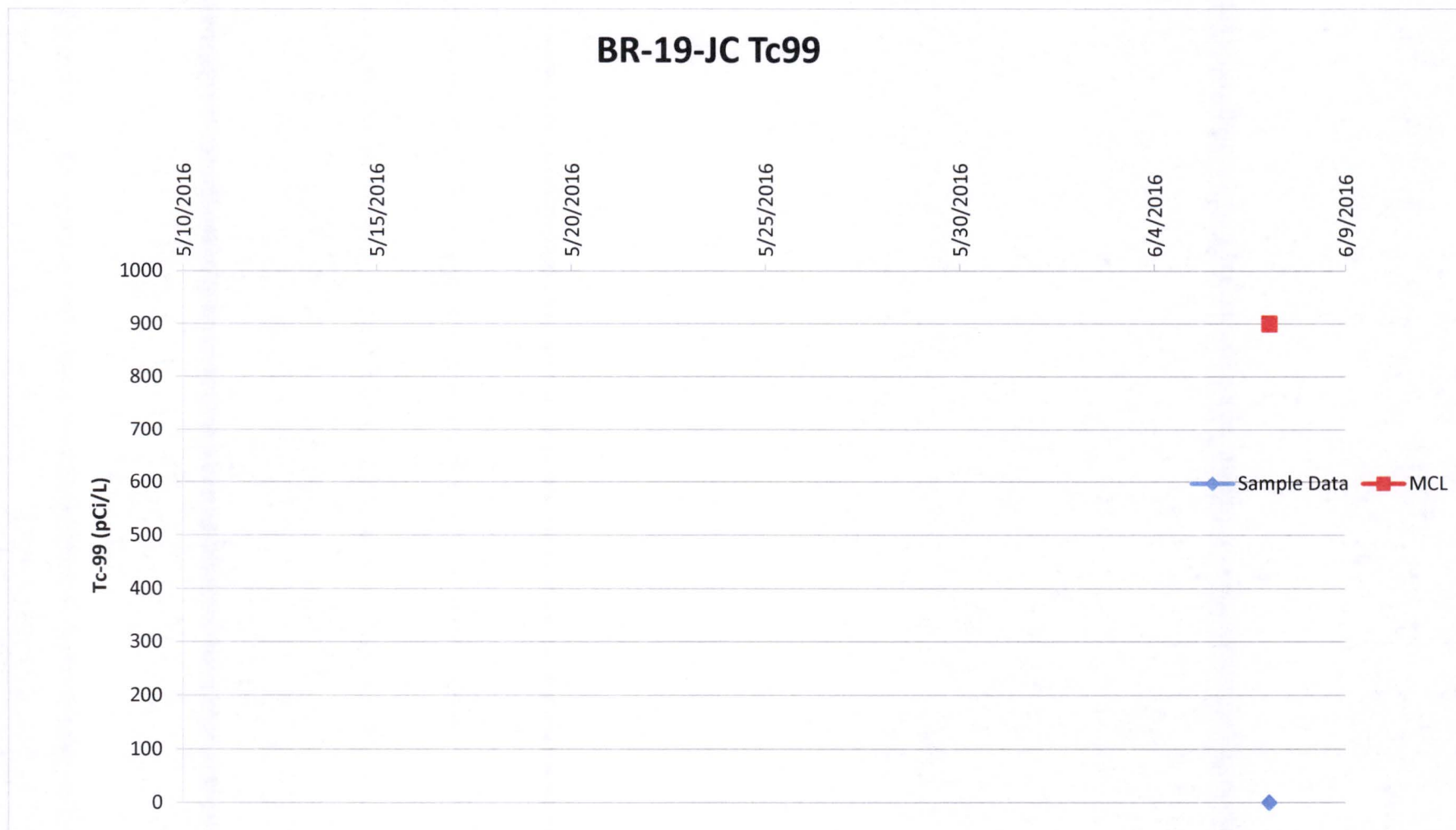




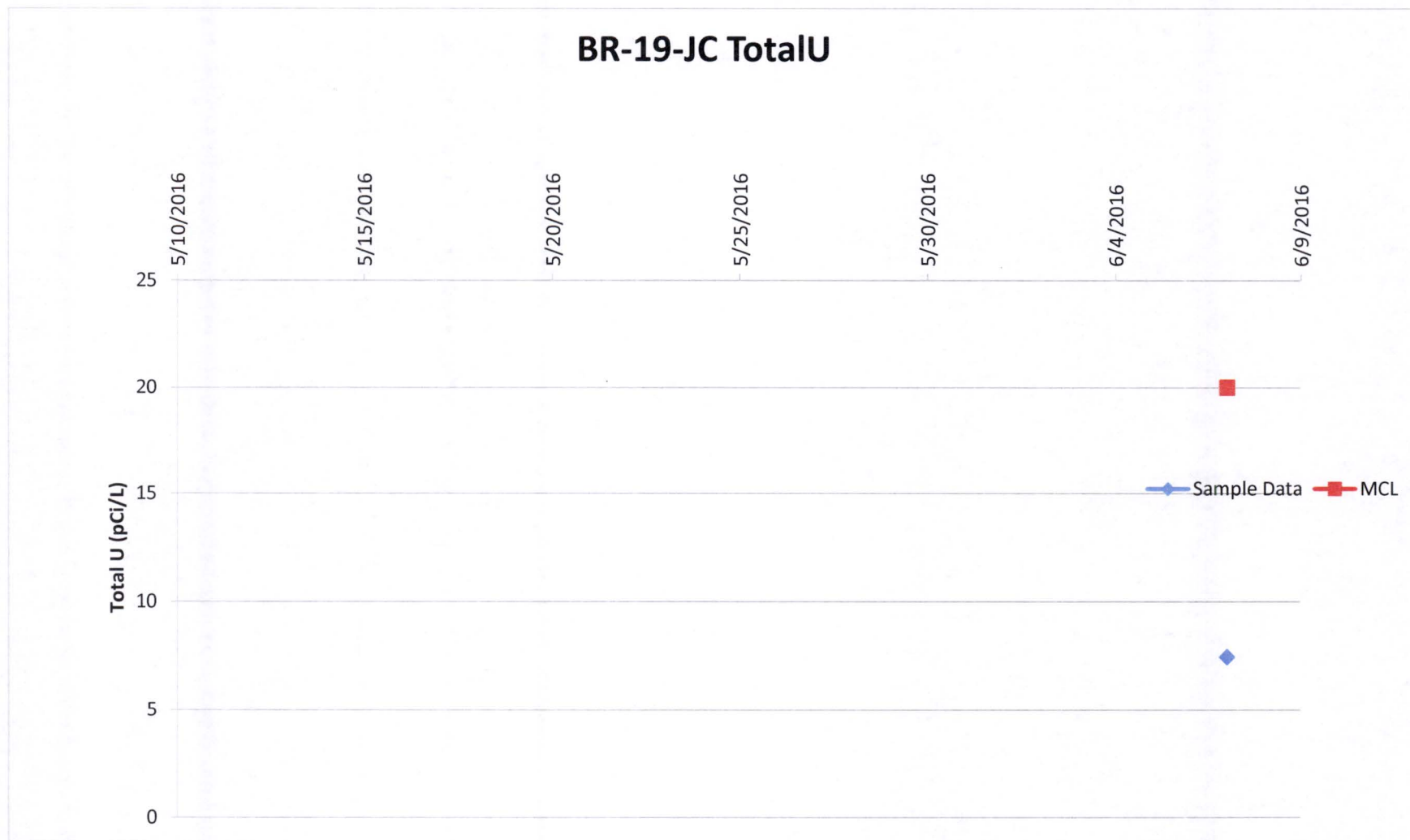
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID BR-19-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/7/2016	0.276	1.36	2.31	6.26	0.7	0.0538	0.149	0.0804	0.0318	1.05	0.209	0.0255

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





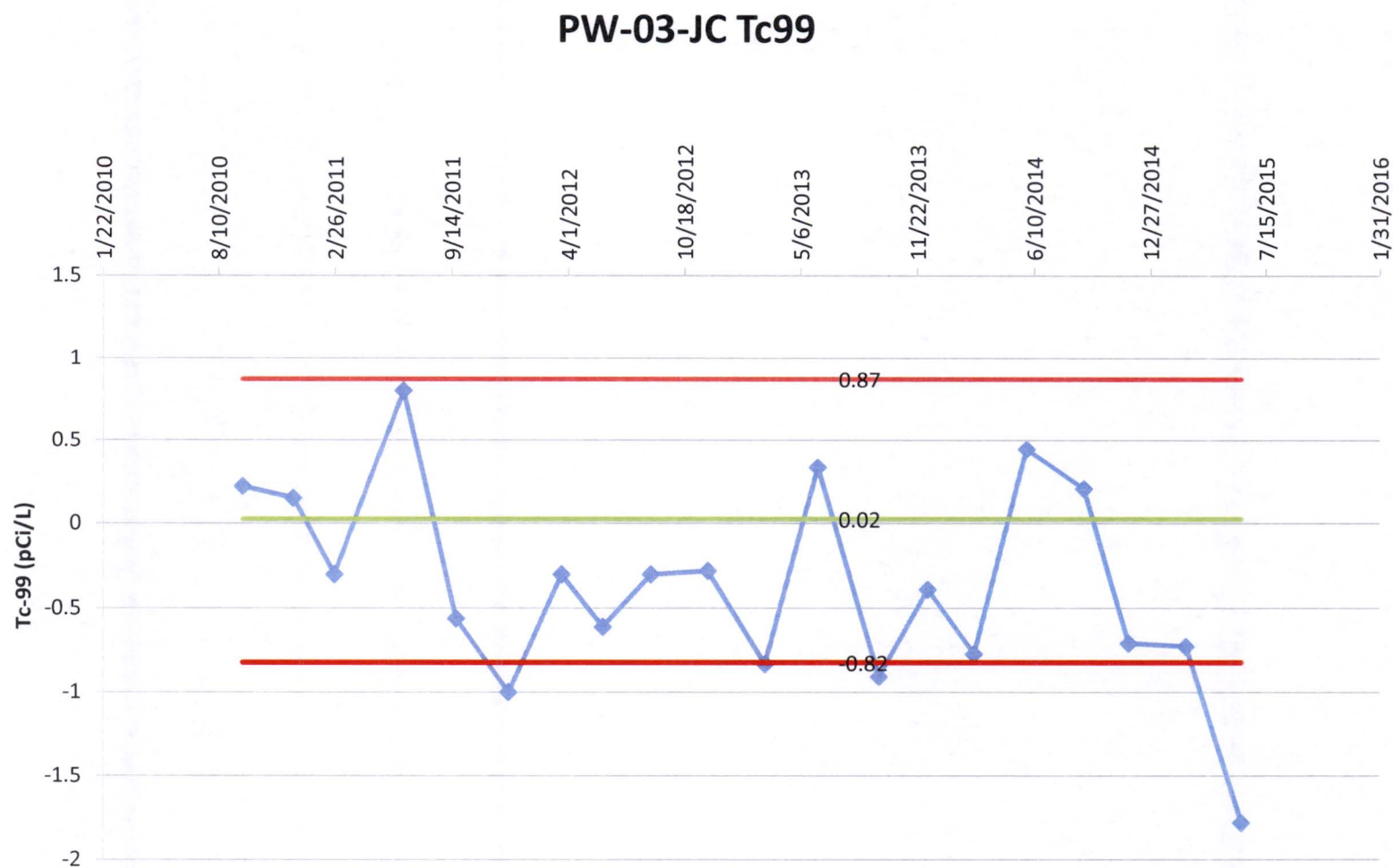
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID PW-03-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/20/2010	0.22	0.91	1.5	0.52	0.2	0.12	-0.011	0.015	0.12	0.44	0.18	0.11
12/16/2010	0.15	0.93	1.6	0.68	0.21	0.09	0.051	0.065	0.084	0.2	0.11	0.07
2/25/2011	-0.3	1	1.8	1.19	0.29	0.09	0.015	0.04	0.089	0.18	0.11	0.08
6/23/2011	0.8	1.2	1.9	1.67	0.36	0.09	-0.005	0.00996	0.09	0.128	0.091	0.043
9/21/2011	-0.56	0.98	1.7	1.22	0.31	0.09	-0.005	0.011	0.099	0.19	0.12	0.08
12/20/2011	-1	1	1.8	1.36	0.31	0.08	-0.01	0.014	0.1	0.21	0.12	0.07
3/20/2012	-0.3	1.1	1.9	1.26	0.32	0.05	0	0.011	0.06	0.16	0.11	0.05
5/30/2012	-0.61	0.93	1.6	1.14	0.22	0.02	0.033	0.038	0.03	0.176	0.082	0.055
8/21/2012	-0.3	1.1	1.8	1.21	0.31	0.05	-0.005	0.011	0.097	0.064	0.069	0.077
11/27/2012	-0.28	0.94	1.6	1.38	0.27	0.07	0.048	0.055	0.07	0.075	0.057	0.029
3/5/2013	-0.831	1.05	1.84	1.35	0.256	0.0607	0.00701	0.026	0.0629	0.0771	0.0549	0.0261
6/4/2013	0.333	1.05	1.77	0.897	0.205	0.07	0.0123	0.0246	0.0333	0.158	0.08	0.0267
9/17/2013	-0.907	1.19	2.08	0.92	0.291	0.103	0	0.00984	0.071	0.0592	0.0735	0.0896
12/10/2013	-0.389	1.33	2.29	1.06	0.249	0.0921	0.00906	0.0337	0.0859	0.0519	0.0578	0.0819
2/27/2014	-0.771	1.24	2.14	0.985	0.238	0.0911	0	0.0128	0.0461	0.0863	0.0656	0.037

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

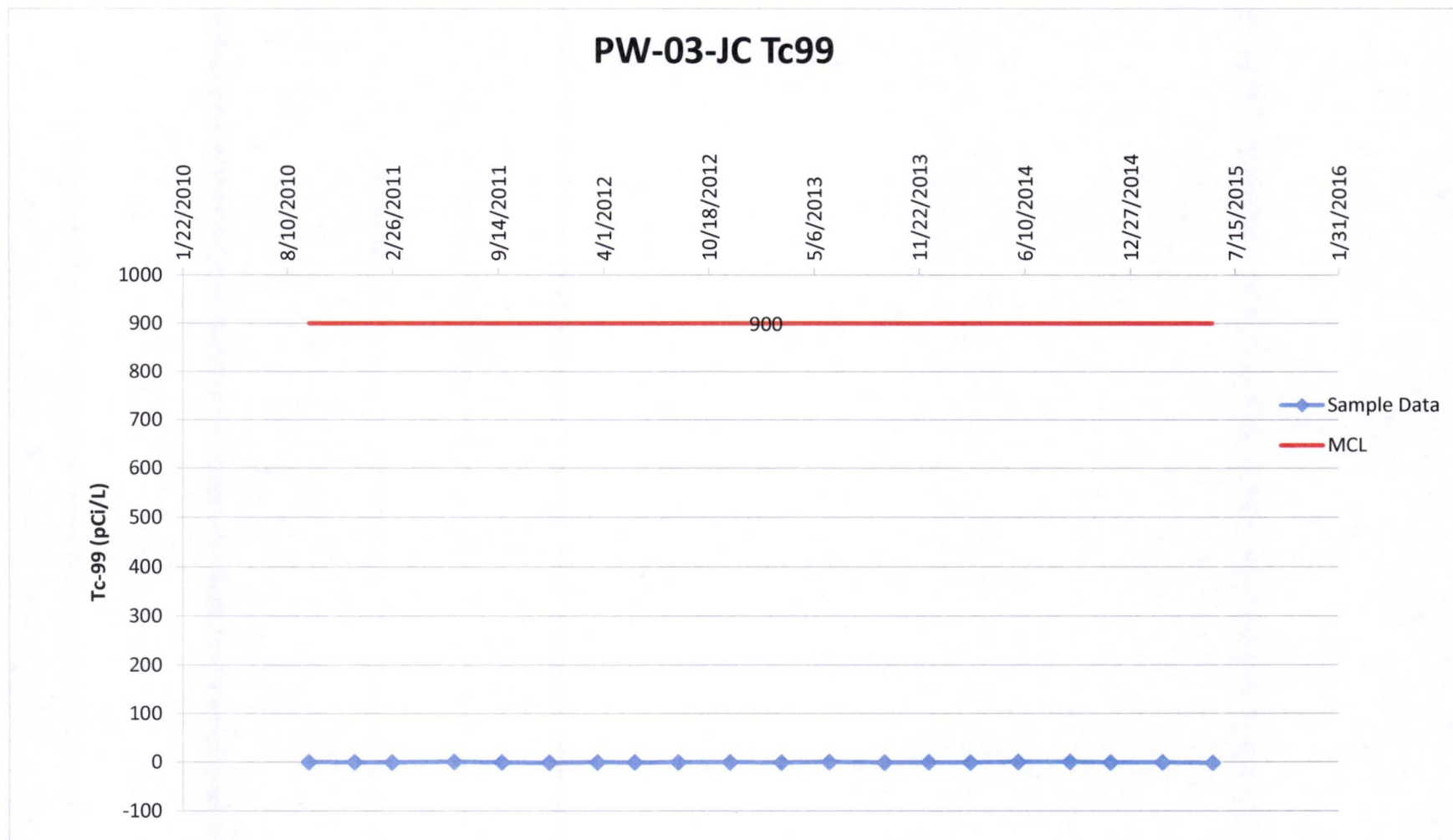
Well ID PW-03-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
5/28/2014	0.444	1.36	2.28	1.11	0.227	0.0948	0.0116	0.0233	0.0349	0.0831	0.0646	0.0806
9/3/2014	0.204	1.2	2.02	1.13	0.244	0.0721	0.0137	0.0273	0.041	0.0876	0.0624	0.0329
11/19/2014	-0.708	1.3	2.24	0.994	0.22	0.0314	0	0.0109	0.0391	0.115	0.07	0.0313
2/26/2015	-0.727	1.25	2.16	1.13	0.237	0.093	-0.0053	0.0105	0.0696	0.102	0.0767	0.0979
6/2/2015	-1.78	1.23	2.17	1.15	0.208	0.0559	0	0.0113	0.0271	0.0689	0.0537	0.0698

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

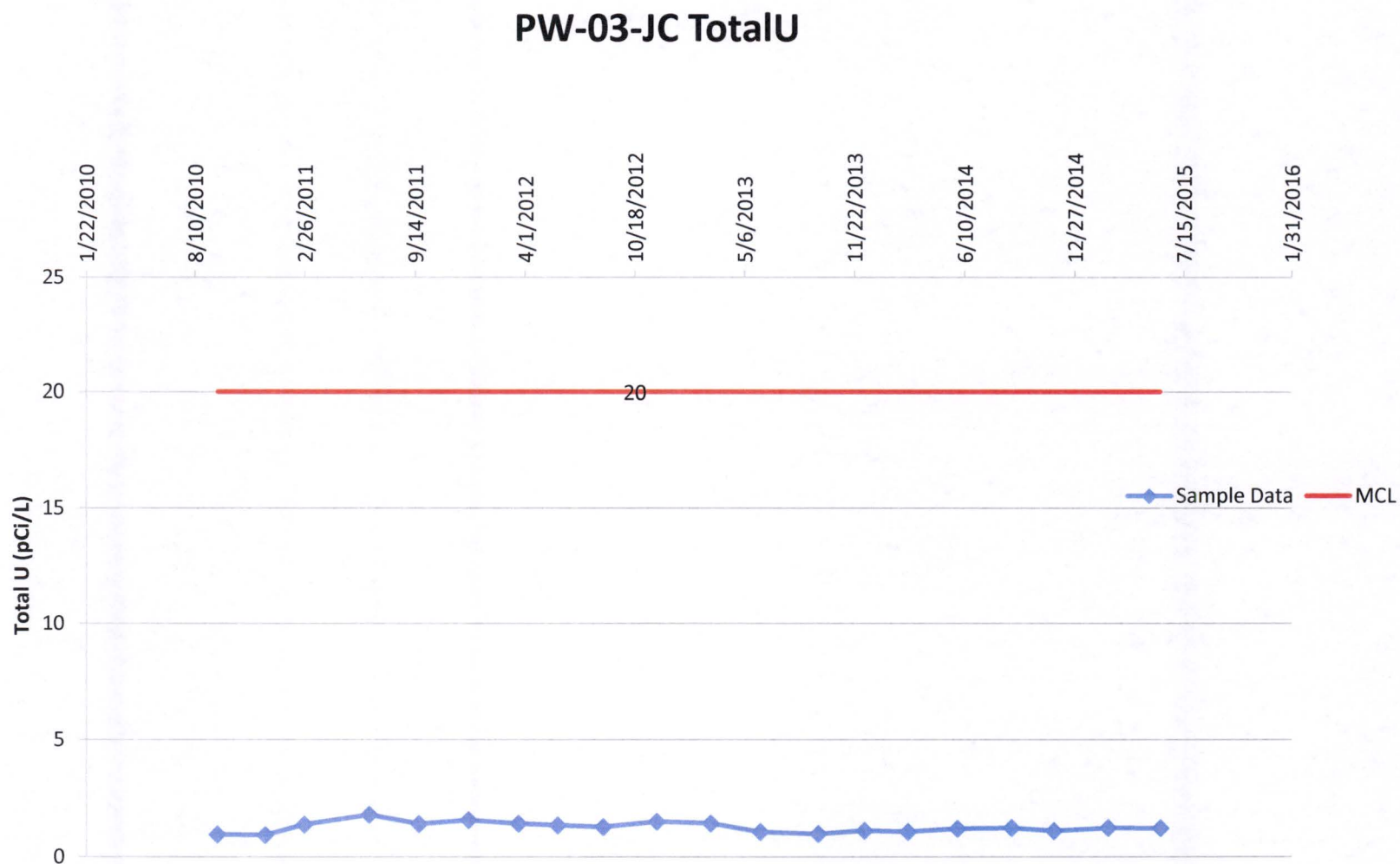


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**PW-03-JC TotalU**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

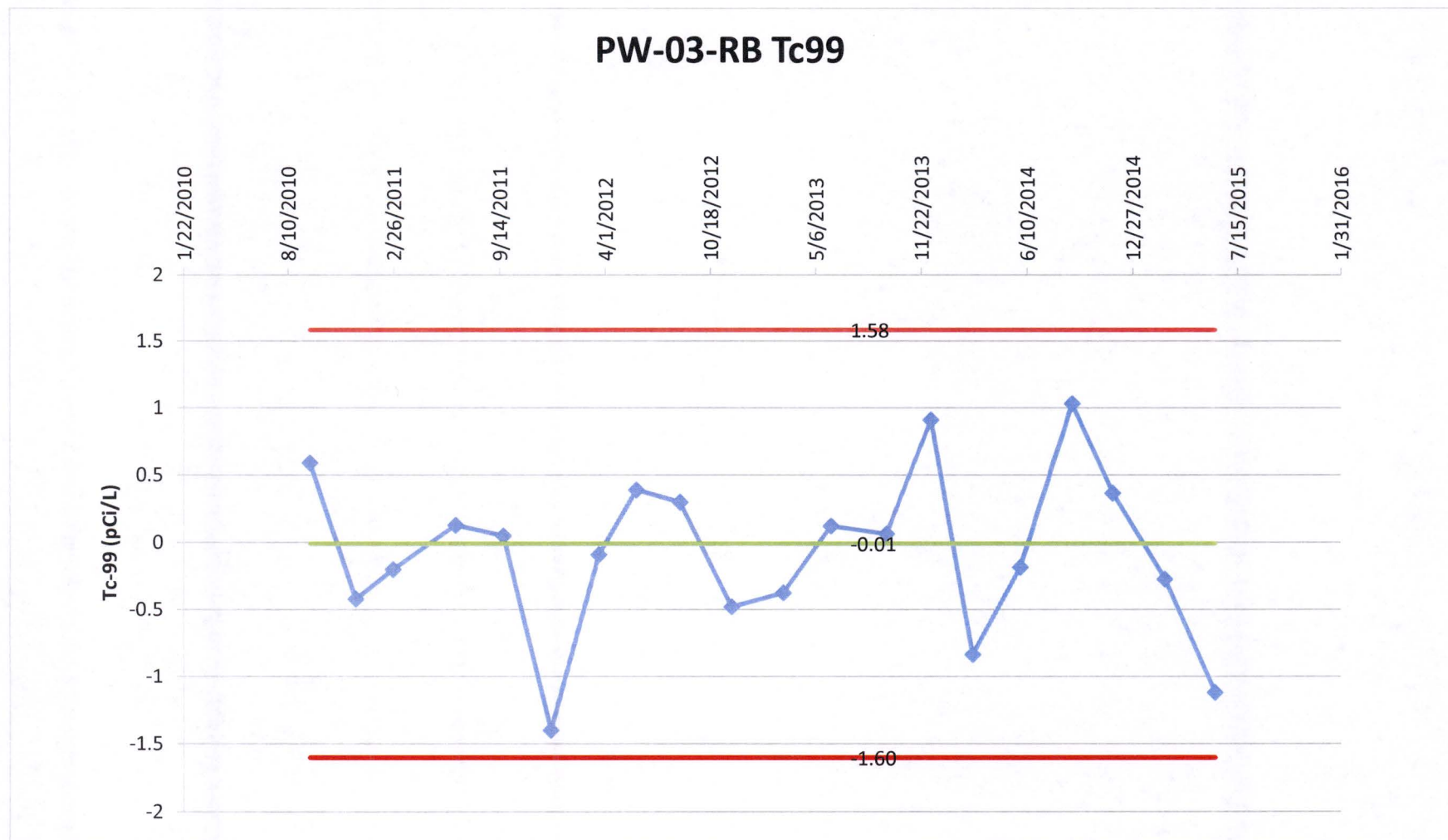
Well ID PW-03-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/20/2010	0.59	0.91	1.5	2.65	0.5	0.05	0	0.023	0.063	0.2	0.13	0.1
12/16/2010	-0.42	0.94	1.6	3.21	0.58	0.05	0.025	0.05	0.068	0.19	0.13	0.11
2/25/2011	-0.2	0.95	1.6	2.08	0.42	0.09	-0.005	0.011	0.096	0.2	0.12	0.05
6/23/2011	0.13	0.99	1.7	2.11	0.41	0.1	0.02	0.04	0.055	0.19	0.11	0.07
9/21/2011	0.05	1	1.7	2.74	0.48	0.1	0.01	0.043	0.11	0.17	0.11	0.09
12/20/2011	-1.4	0.98	1.8	2.5	0.45	0.13	0.01	0.041	0.1	0.138	0.093	0.042
3/20/2012	-0.09	1	1.8	2.52	0.47	0.08	0.016	0.044	0.097	0.2	0.12	0.09
5/30/2012	0.39	0.98	1.6	2.64	0.38	0.05	0.029	0.04	0.059	0.154	0.078	0.056
8/21/2012	0.3	2.2	3.7	3.13	0.52	0.14	0	0.0098	0.053	0.21	0.12	0.08
11/27/2012	-0.48	0.98	1.7	2.76	0.41	0.08	-0.011	0.015	0.082	0.215	0.098	0.055
3/5/2013	-0.375	0.961	1.66	2.34	0.366	0.0633	0	0.0105	0.034	0.205	0.0974	0.0781
6/4/2013	0.123	1.16	1.98	3.15	0.435	0.059	0.00195	0.0272	0.0735	0.197	0.0875	0.0254
9/17/2013	0.0638	1.27	2.17	2.56	0.515	0.178	0.00325	0.0798	0.198	0.24	0.153	0.148
12/10/2013	0.912	1.24	2.05	2.54	0.408	0.0356	0.0295	0.0419	0.0443	0.32	0.126	0.0355
2/27/2014	-0.837	1.26	2.19	3.06	0.456	0.0758	0.0431	0.0499	0.0431	0.196	0.0964	0.0345

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID PW-03-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
5/28/2014	-0.184	1.37	2.34	2.8	0.32	0.0319	0.00518	0.018	0.0397	0.191	0.0598	0.0318
9/3/2014	1.03	1.25	2.06	3.07	0.479	0.0732	0	0.0137	0.0494	0.245	0.117	0.073
11/19/2014	0.367	1.3	2.18	2.47	0.386	0.059	0.00775	0.0288	0.0734	0.204	0.0976	0.07
2/26/2015	-0.272	1.28	2.19	3.1	0.451	0.0719	0.0408	0.0472	0.0408	0.207	0.0967	0.0327
6/2/2015	-1.12	1.32	2.29	3.05	0.397	0.0227	0.00708	0.0315	0.0725	0.195	0.0814	0.0582



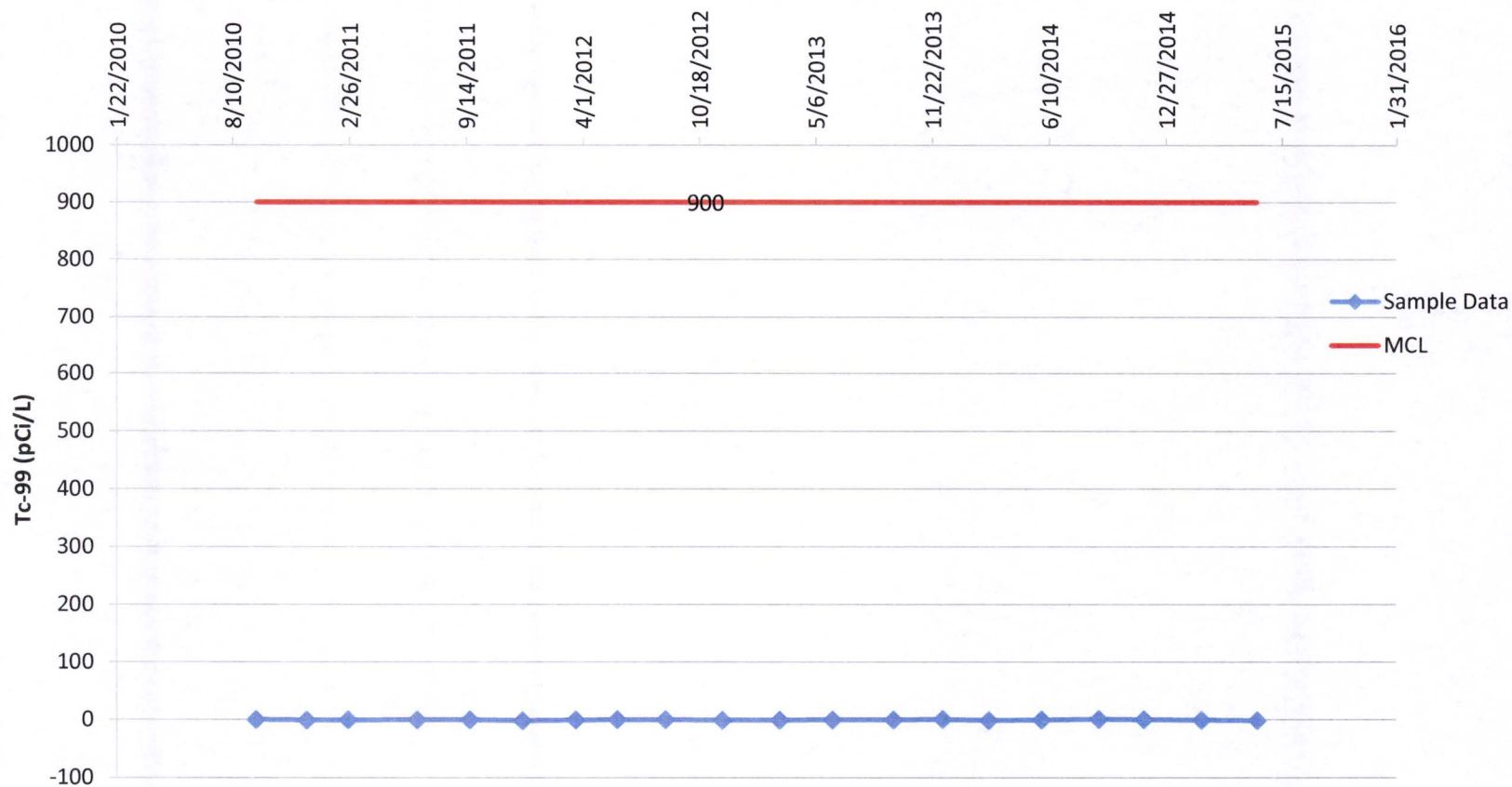
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**PW-03-RB Tc99**

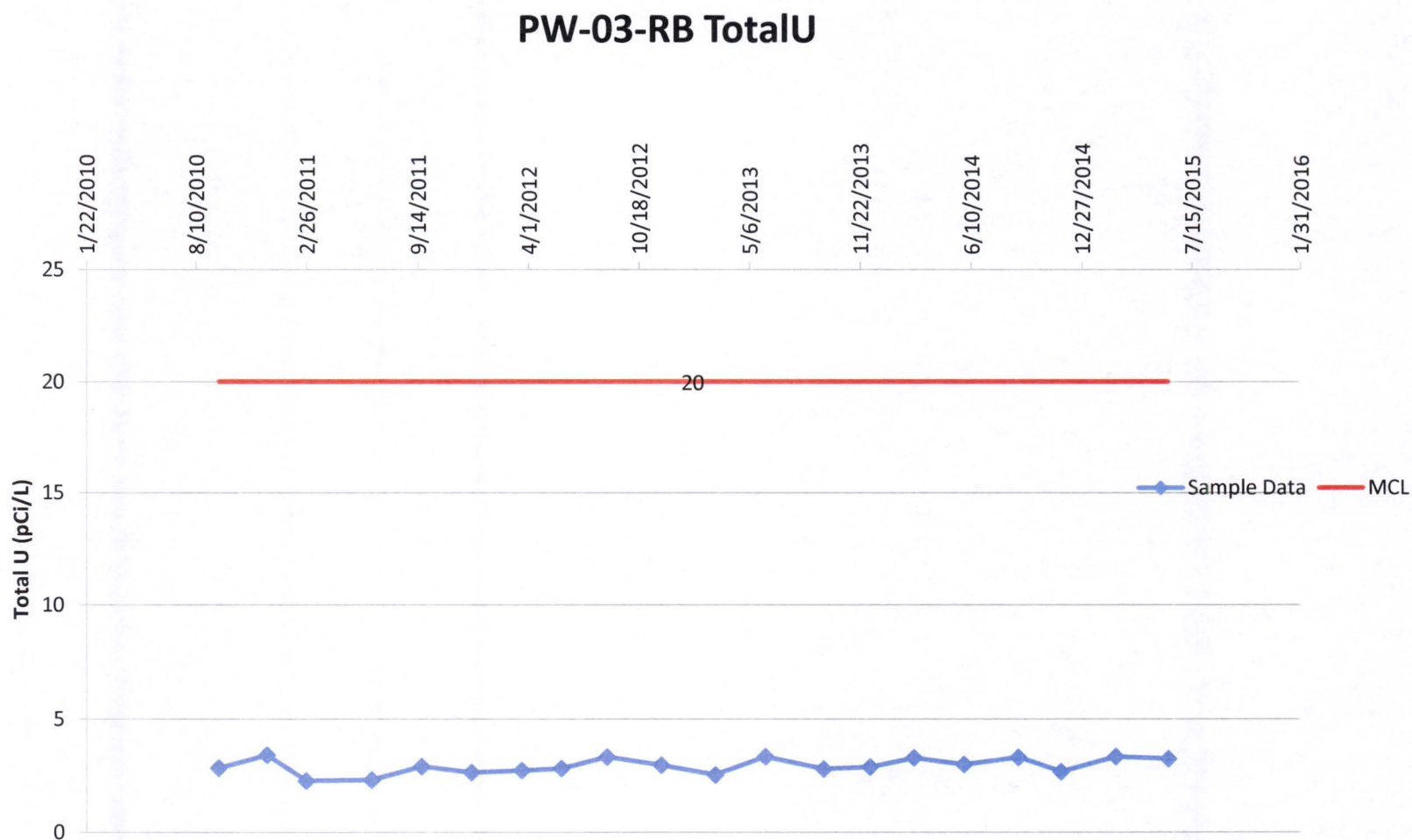


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**PW-03-RB TotalU**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

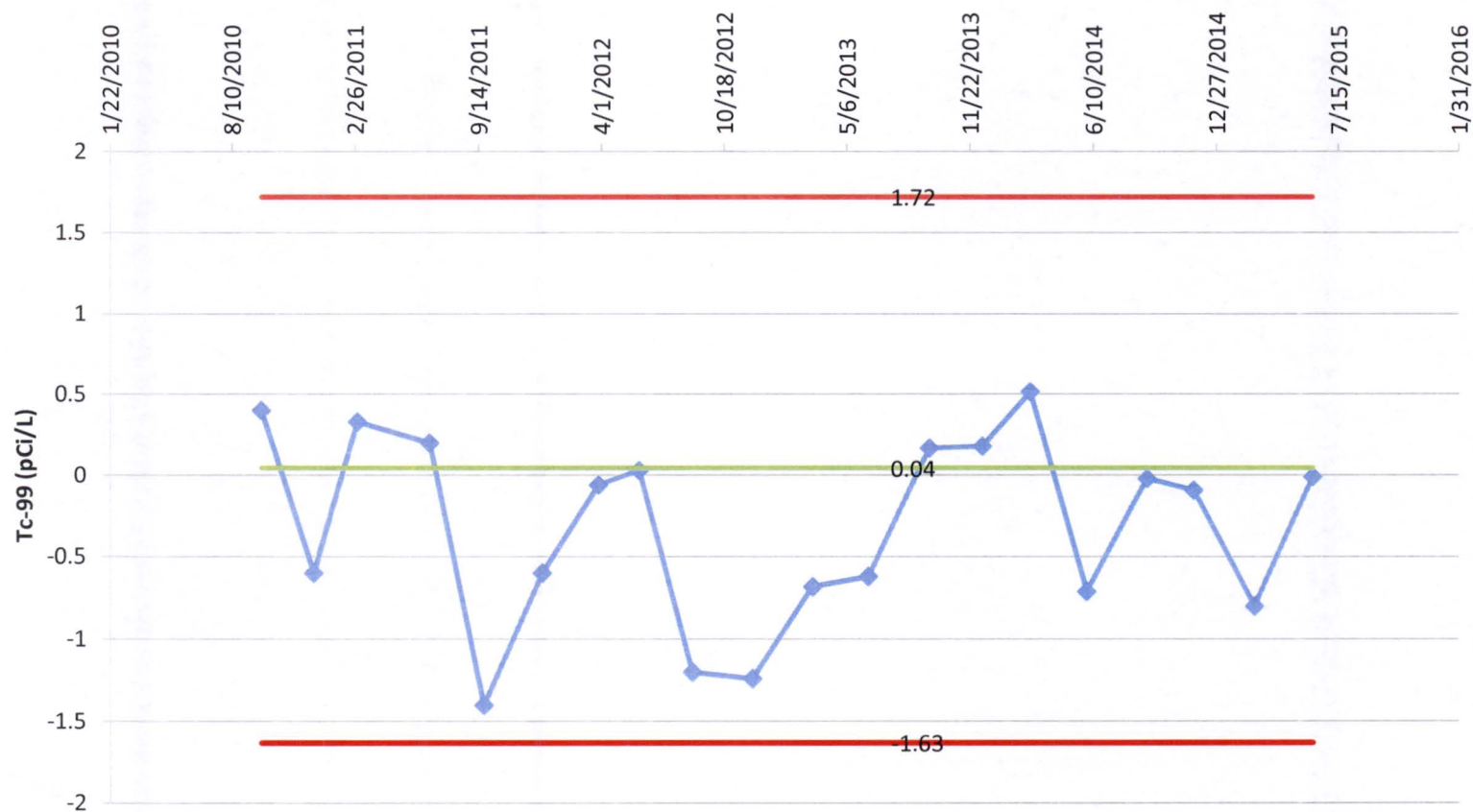
Well ID PW-06-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/27/2010	0.4	0.98	1.6	2.25	0.42	0.1	0.014	0.039	0.087	0.54	0.19	0.09
12/21/2010	-0.6	1	1.8	2.42	0.45	0.11	0	0.021	0.056	0.64	0.21	0.08
3/2/2011	0.33	0.91	1.5	3.07	0.52	0.08	0.021	0.042	0.057	0.76	0.24	0.1
6/27/2011	0.2	1	1.8	2.97	0.35	0.05	0.056	0.045	0.058	0.94	0.16	0.05
9/23/2011	-1.4	0.998	1.8	3.38	0.56	0.11	0.063	0.073	0.057	0.87	0.25	0.08
12/27/2011	-0.6	1	1.8	3.35	0.58	0.09	0.042	0.069	0.11	1.1	0.31	0.05
3/27/2012	-0.06	1	1.7	2.74	0.42	0.07	0.065	0.064	0.072	0.74	0.19	0.07
6/1/2012	0.03	1.1	1.9	2.59	0.39	0.03	0.026	0.037	0.035	0.74	0.19	0.03
8/27/2012	-1.2	1.1	1.9	2.42	0.32	0.05	0.071	0.047	0.021	0.7	0.15	0.05
12/3/2012	-1.24	0.95	1.7	2.2	0.28	0.04	0.008	0.021	0.044	0.52	0.11	0.01
3/11/2013	-0.683	0.959	1.68	2.5	0.385	0.0858	0.0841	0.0688	0.0669	0.401	0.134	0.0644
6/10/2013	-0.621	1.24	2.13	2.28	0.744	0.0581	0.0276	0.0783	0.0374	0.538	0.324	0.058
9/17/2013	0.167	1.35	2.3	2.12	0.466	0.163	0.0116	0.056	0.144	0.629	0.24	0.115
12/12/2013	0.179	1.22	2.06	2.44	0.393	0.0753	0.057	0.0572	0.0428	0.64	0.179	0.0343
2/28/2014	0.514	1.31	2.2	2.59	0.307	0.0346	0.0282	0.0253	0.0169	0.623	0.119	0.0346

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID PW-06-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
5/30/2014	-0.712	1.22	2.11	2.62	0.4	0.0779	0.0263	0.0372	0.0394	0.706	0.182	0.0316
9/5/2014	-0.02	1.37	2.33	2.16	0.364	0.0751	0.0427	0.0494	0.0427	0.525	0.161	0.0342
11/20/2014	-0.093	1.29	2.19	2.11	0.348	0.0319	0.0529	0.0531	0.0397	0.473	0.148	0.0587
2/27/2015	-0.8	1.36	2.36	2.16	0.338	0.0755	0.0486	0.0541	0.0766	0.549	0.153	0.069
6/3/2015	-0.009	1.22	2.08	2.31	0.285	0.0513	0.0404	0.0348	0.0442	0.486	0.103	0.0139

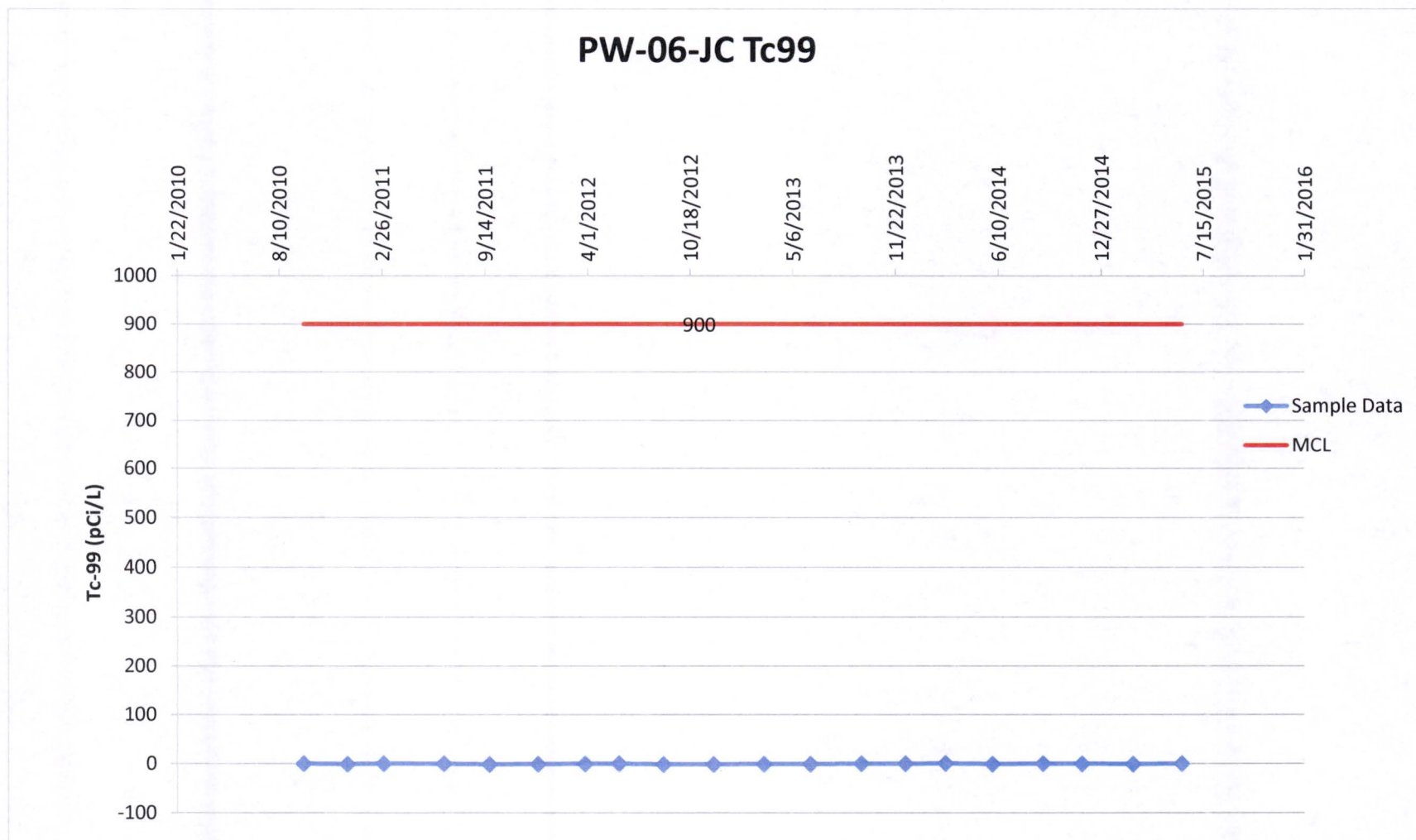
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**PW-06-JC Tc99**

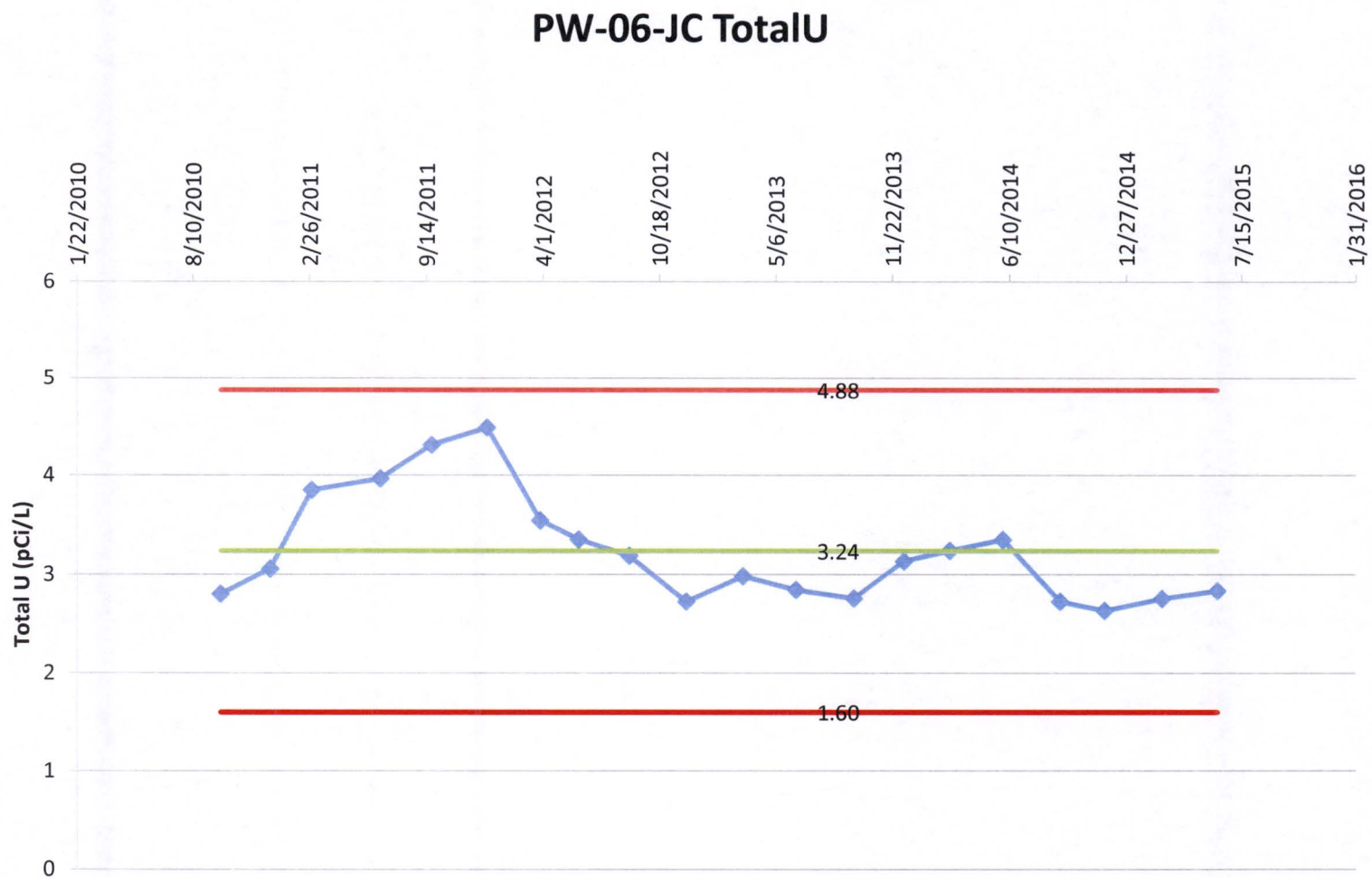




**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

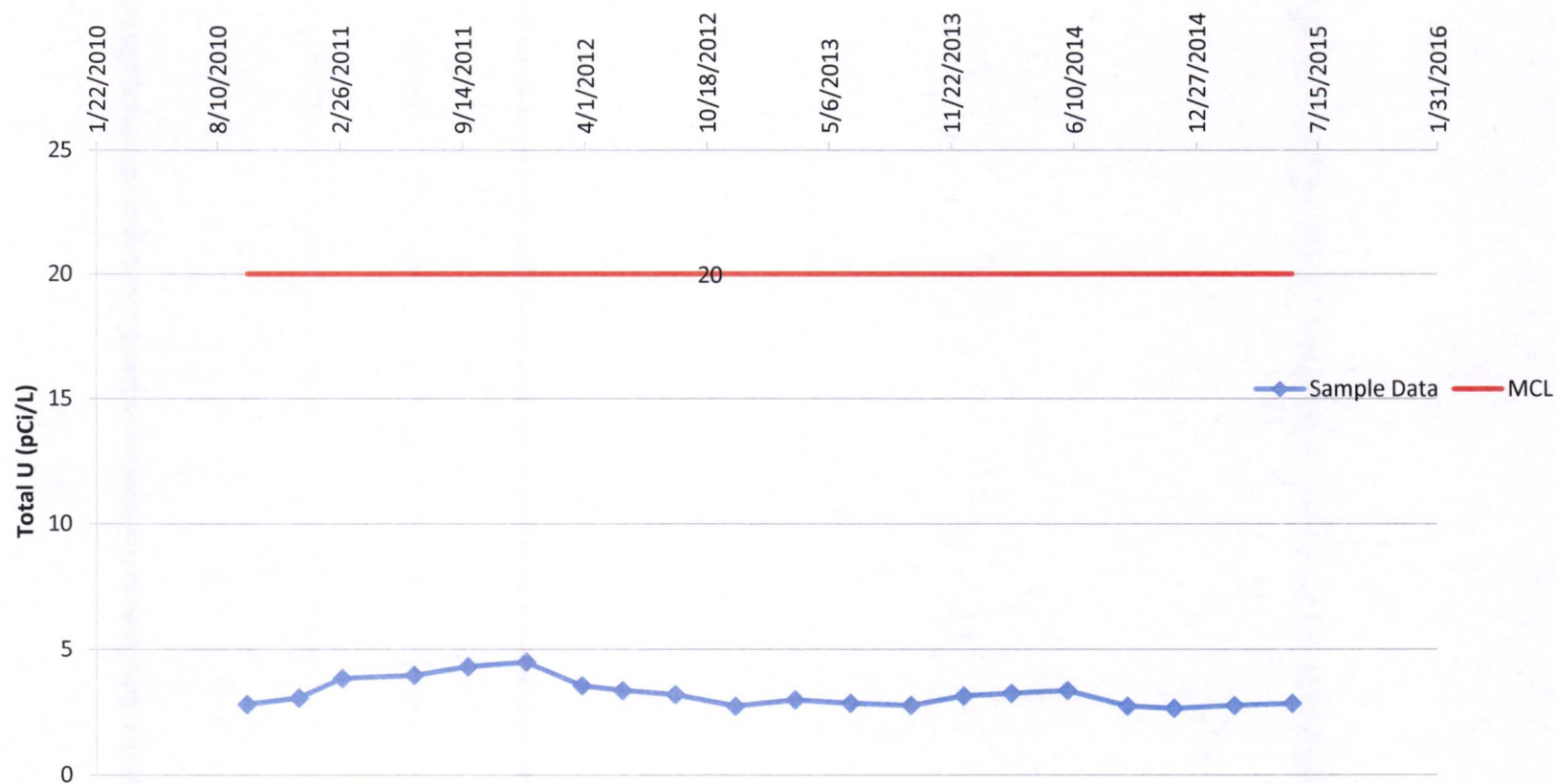


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**PW-06-JC TotalU**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID PW-06-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/27/2010	0.49	0.91	1.5	3.68	0.58	0.05	0.016	0.043	0.095	0.38	0.16	0.08
12/21/2010	0.25	0.91	1.5	3.94	0.58	0.04	0	0.018	0.049	0.37	0.15	0.08
3/2/2011	1.17	0.94	1.5	3.94	0.63	0.11	0.011	0.048	0.12	0.27	0.14	0.05
6/28/2011	0.017	0.997	1.7	4.05	0.42	0.04	0.015	0.022	0.036	0.3	0.074	0.029
9/23/2011	-1.6	1.3	2.3	4.16	0.64	0.11	0.037	0.062	0.097	0.31	0.15	0.05
12/27/2011	-0.8	1	1.8	3.95	0.63	0.1	0.017	0.047	0.1	0.25	0.14	0.08
3/27/2012	0.6	1.1	1.7	3.71	0.51	0.08	0.055	0.055	0.037	0.34	0.13	0.1
6/1/2012	-0.84	0.99	1.7	3.96	0.53	0.03	0.008	0.029	0.07	0.26	0.11	0.06
8/27/2012	-0.5	1	1.8	3.8	0.5	0.09	0.019	0.035	0.062	0.38	0.13	0.1
12/3/2012	-1.1	1.2	2.1	3.68	0.48	0.08	0.023	0.032	0.031	0.27	0.1	0.06
3/11/2013	-0.17	0.972	1.67	4.07	0.526	0.0864	0.0675	0.0603	0.0632	0.35	0.122	0.0609
6/10/2013	-0.574	1.23	2.11	3.89	1.02	0.0767	0.044	0.101	0.0643	0.337	0.241	0.0619
9/19/2013	-0.678	1.27	2.2	3.91	0.664	0.137	0.0214	0.0536	0.12	0.38	0.182	0.0633
12/12/2013	0.783	1.5	2.5	4.17	0.552	0.0603	-0.0057	0.0113	0.0751	0.29	0.116	0.0602

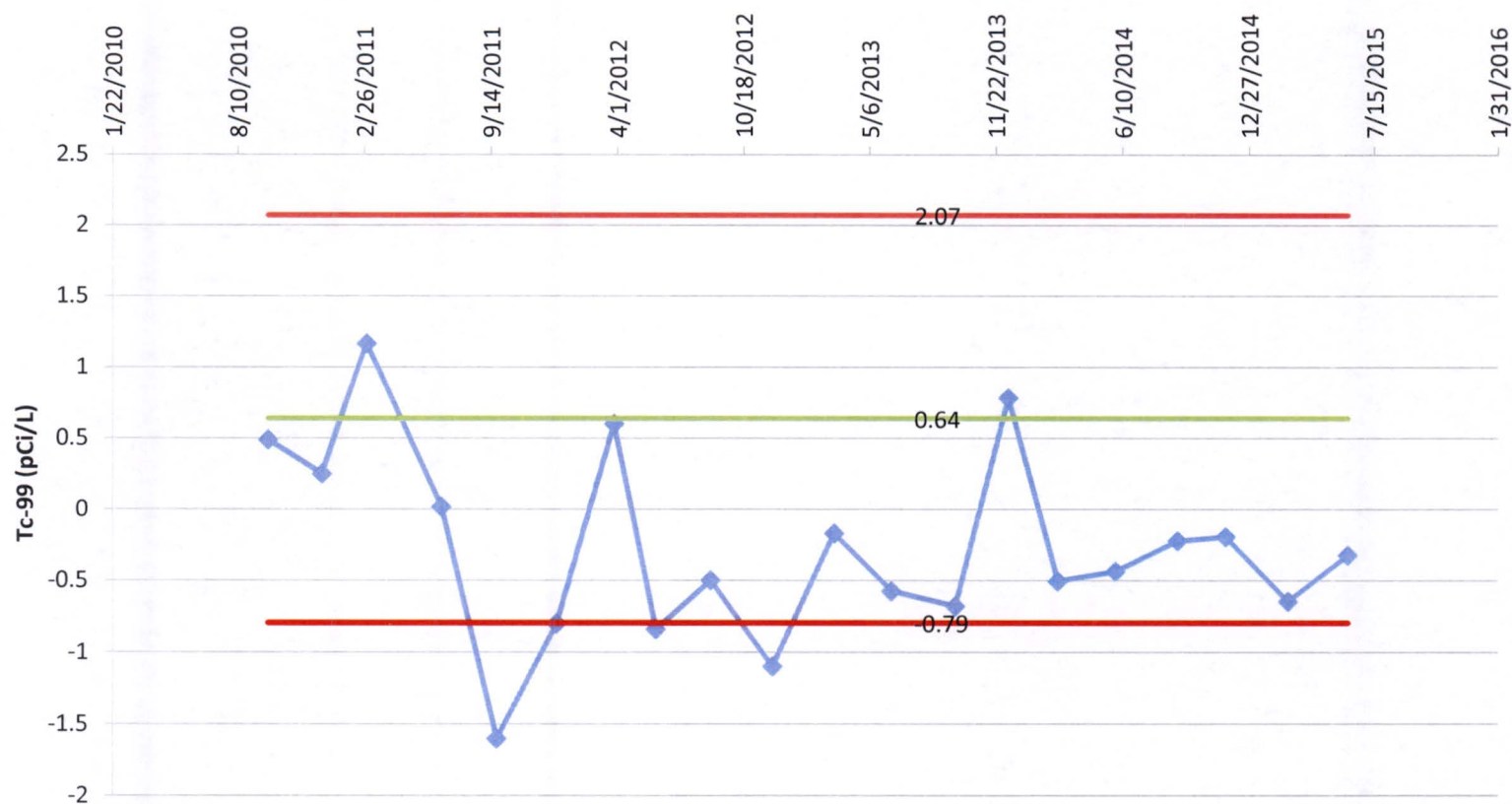
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID PW-06-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
2/28/2014	-0.505	1.33	2.28	4.34	0.464	0.0142	0.0354	0.0291	0.0177	0.355	0.0872	0.0142
5/30/2014	-0.437	1.32	2.27	3.82	0.514	0.0906	0.0076	0.0282	0.072	0.299	0.116	0.0578
9/5/2014	-0.224	1.2	2.05	3.51	0.47	0.0528	0.0188	0.0351	0.0657	0.267	0.103	0.0286
11/20/2014	-0.195	1.34	2.29	3.49	0.482	0.0578	0	0.0108	0.039	0.23	0.0998	0.0313
2/27/2015	-0.646	1.29	2.22	4.01	0.519	0.0714	0.0191	0.0355	0.0665	0.282	0.109	0.0635
6/3/2015	-0.324	1.21	2.08	3.46	0.43	0.0458	0.0214	0.0333	0.057	0.28	0.0954	0.0556



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

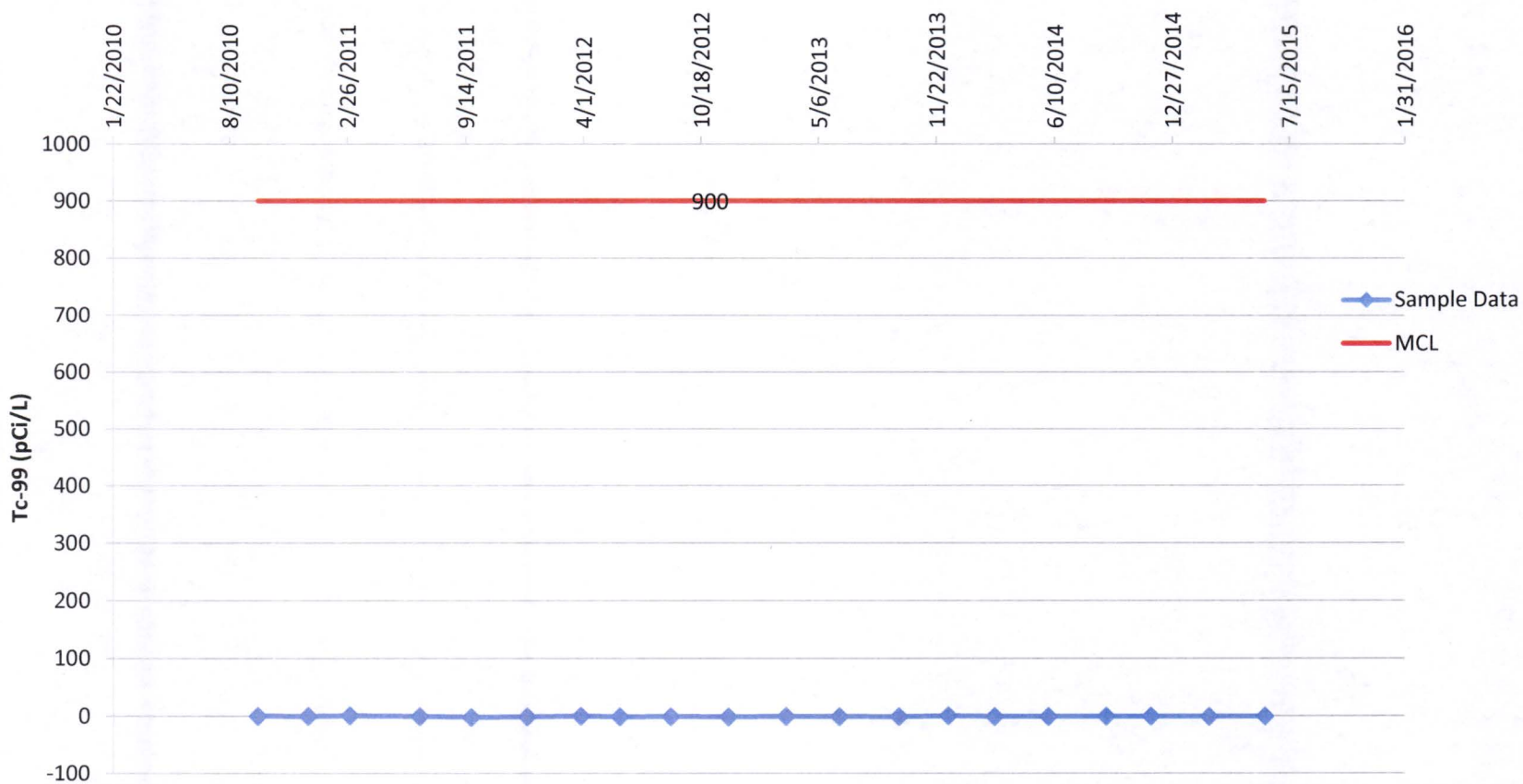
**PW-06-RB Tc99**



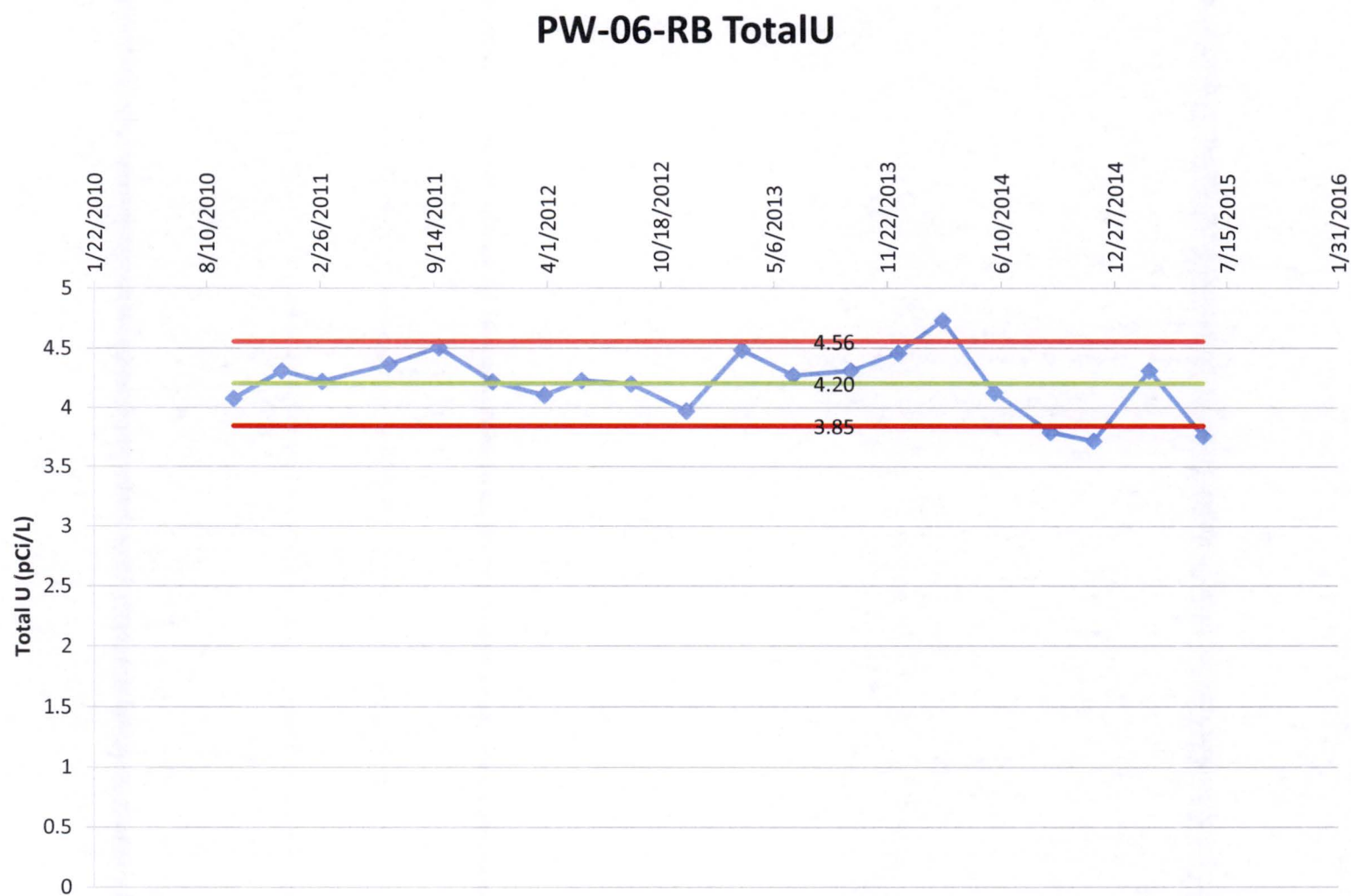


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

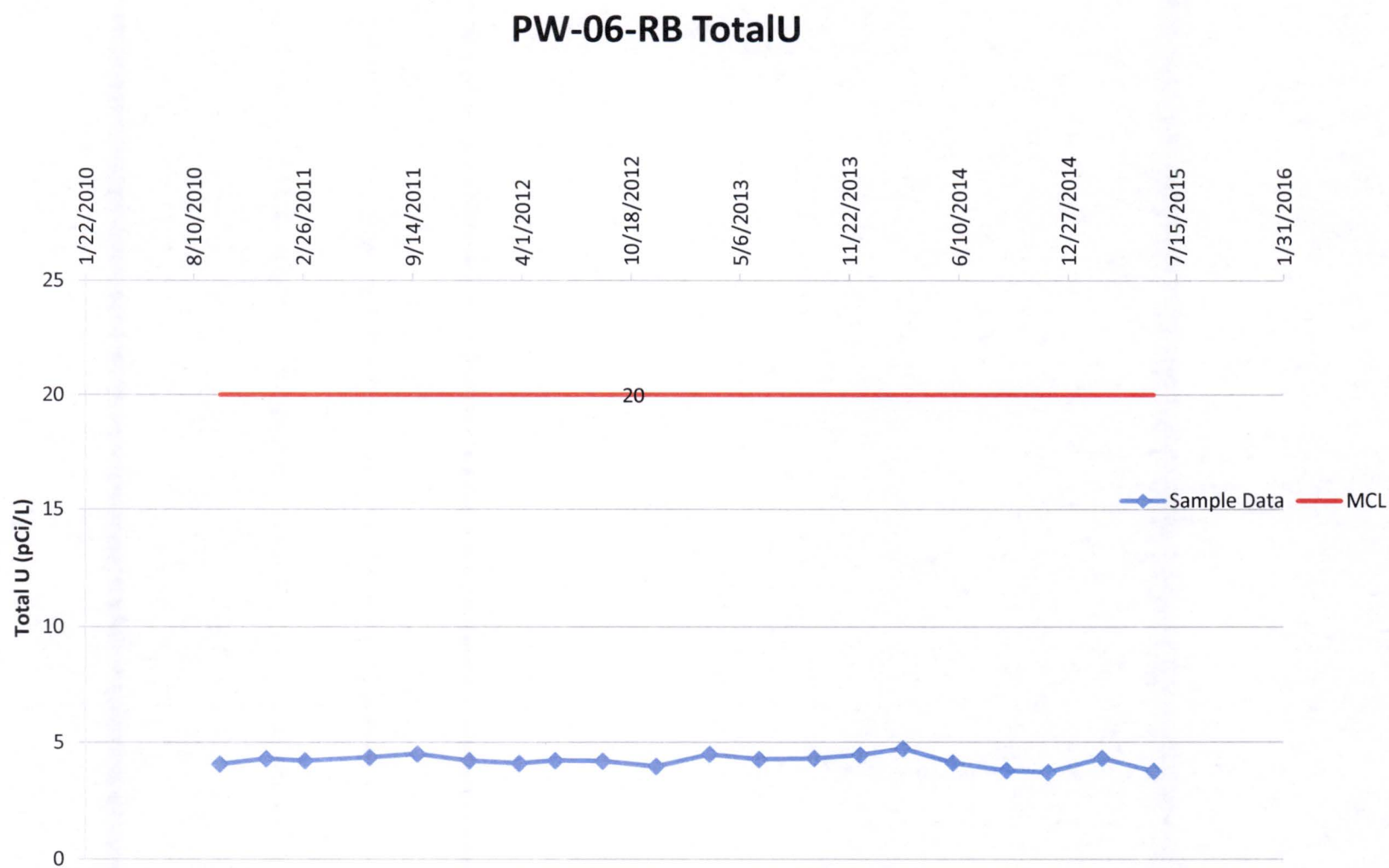
**PW-06-RB Tc99**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID PW-16-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/27/2010	0.257	0.998	1.7	1.19	0.3	0.09	0.011	0.045	0.11	0.38	0.17	0.1
12/22/2010	0.43	0.98	1.6	1.06	0.28	0.07	0.015	0.041	0.09	0.42	0.17	0.07
3/3/2011	1.6	1	1.6	0.88	0.26	0.13	-0.021	0.021	0.13	0.34	0.15	0.09
6/28/2011	0.05	1.2	2.1	0.93	0.15	0.03	0.01	0.021	0.038	0.3	0.077	0.039
9/23/2011	-0.2	1.2	2	1.14	0.29	0.09	0.021	0.041	0.056	0.3	0.16	0.15
12/27/2011	0.07	1.2	2	0.74	0.24	0.12	0.016	0.043	0.096	0.22	0.13	0.12
3/27/2012	-1.2	3.1	5.3	0.89	0.22	0.08	0.009	0.03	0.072	0.38	0.14	0.08
6/1/2012	-0.4	1.1	1.9	0.84	0.2	0.06	0.013	0.027	0.036	0.34	0.12	0.03
8/27/2012	-0.43	0.95	1.7	0.96	0.22	0.07	0.054	0.054	0.037	0.29	0.12	0.07
12/3/2012	-0.3	1.7	2.9	0.73	0.19	0.08	0.015	0.04	0.082	0.34	0.13	0.07
3/7/2013	-1.05	0.996	1.77	0.723	0.184	0.0841	0.0198	0.0369	0.0655	0.297	0.113	0.0525
6/6/2013	-0.09	1.26	2.14	0.739	0.556	0.131	0.0245	0.123	0.129	0.141	0.239	0.103
9/17/2013	-1.13	1.24	2.19	0.453	0.216	0.171	0.063	0.0994	0.163	0.254	0.165	0.165
12/12/2013	1.09	1.27	2.08	0.636	0.142	0.0203	0	0.0238	0.0644	0.223	0.0798	0.0202
3/3/2014	0.196	1.38	2.33	0.711	0.132	0.0565	0	0.0162	0.0437	0.179	0.0591	0.0137

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID PW-16-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
5/30/2014	-0.688	1.19	2.06	0.6	0.171	0.0715	-0.0034	0.0334	0.0999	0.28	0.116	0.0801
9/5/2014	0.236	1.23	2.08	0.558	0.165	0.0717	0.0407	0.0472	0.0407	0.196	0.0938	0.0327
11/21/2014	-1.08	1.26	2.2	0.769	0.199	0.0826	0.0557	0.0559	0.0418	0.208	0.0994	0.0617
3/3/2015	-0.819	1.23	2.13	0.61	0.172	0.0606	0	0.0114	0.0409	0.1	0.0709	0.072
6/3/2015	-1.46	2.06	3.58	0.426	0.115	0.0522	0.00845	0.0169	0.0254	0.125	0.0653	0.0653

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

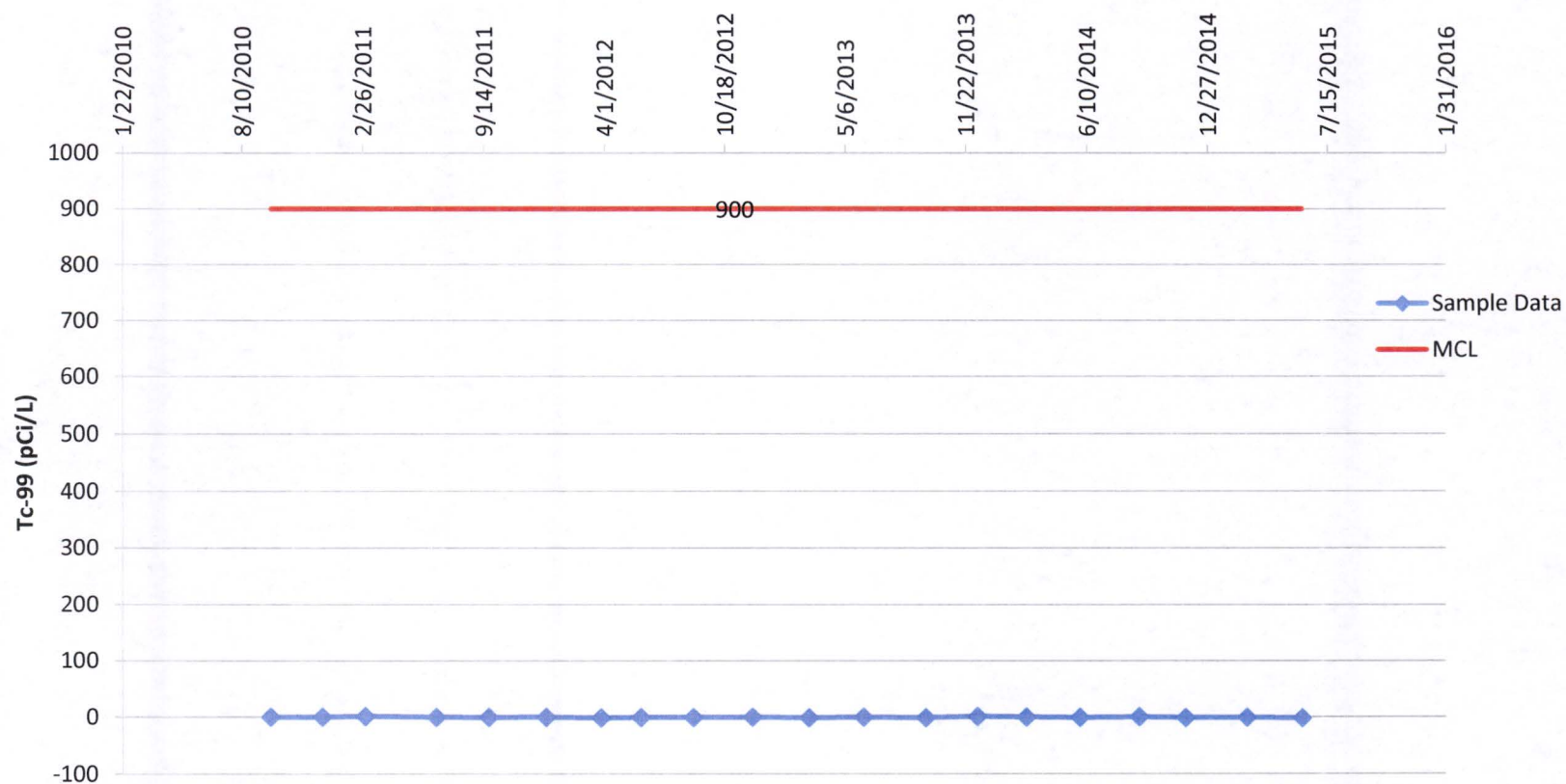
**PW-16-JC Tc99**



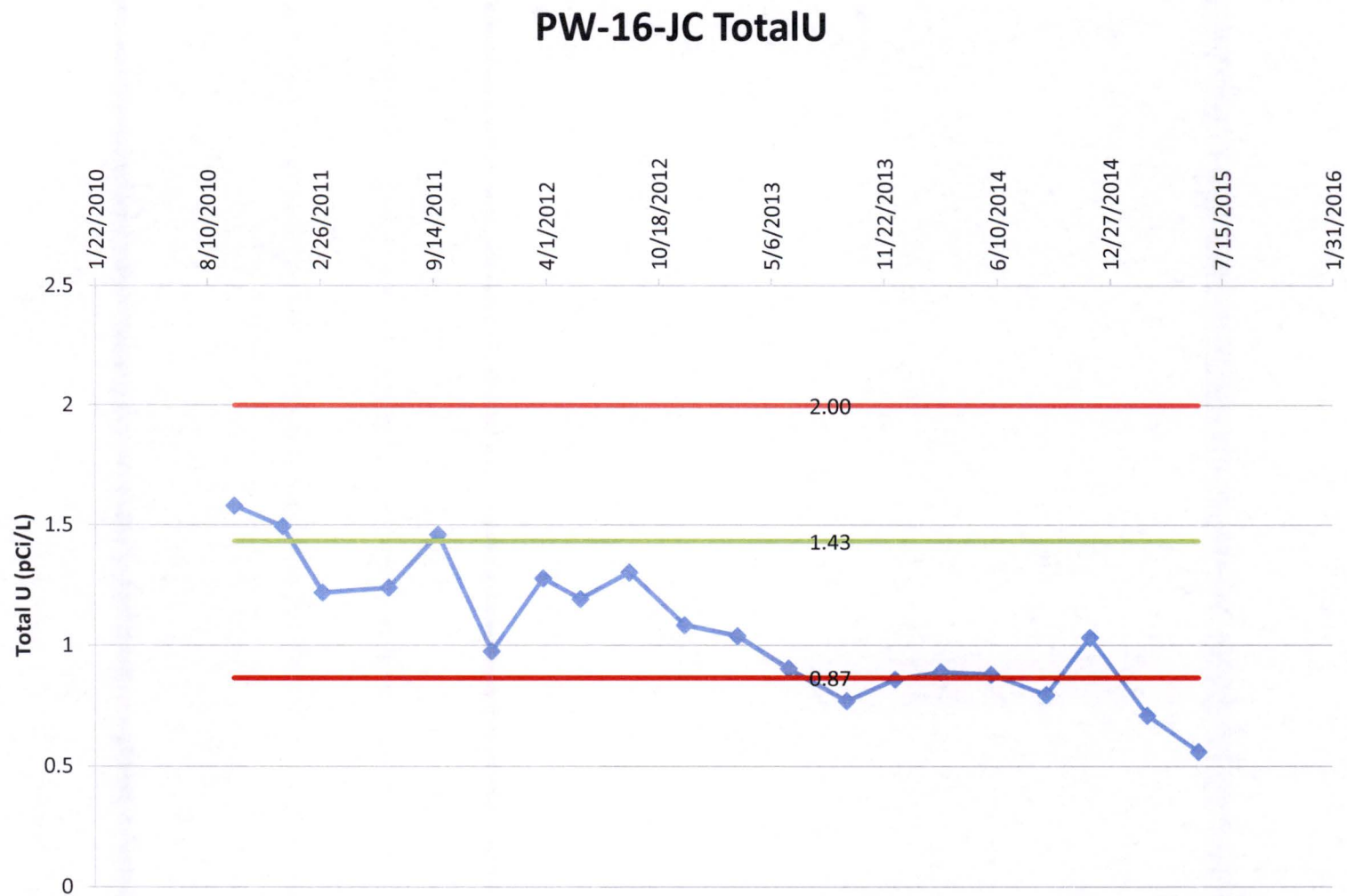


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

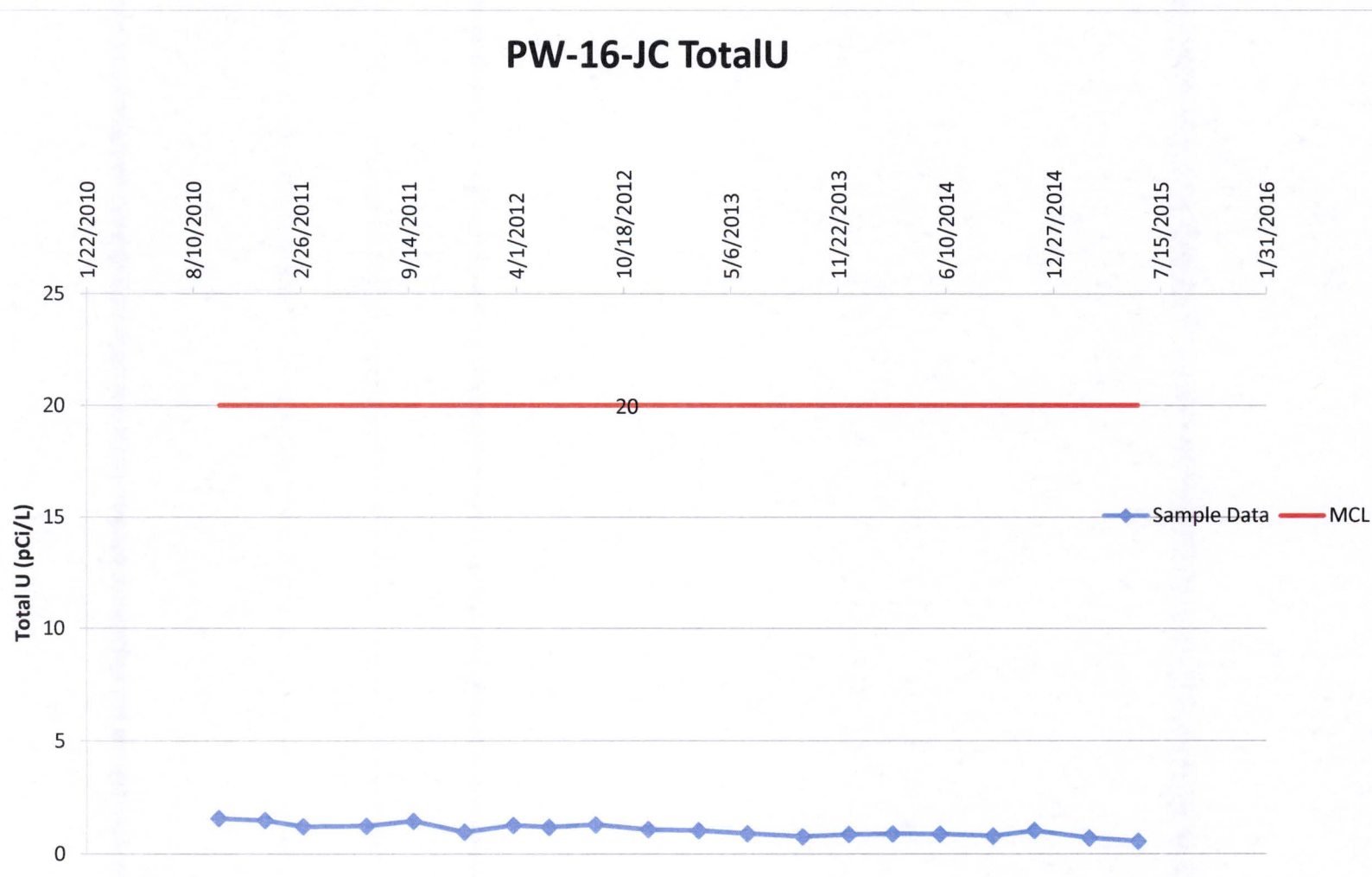
**PW-16-JC Tc99**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





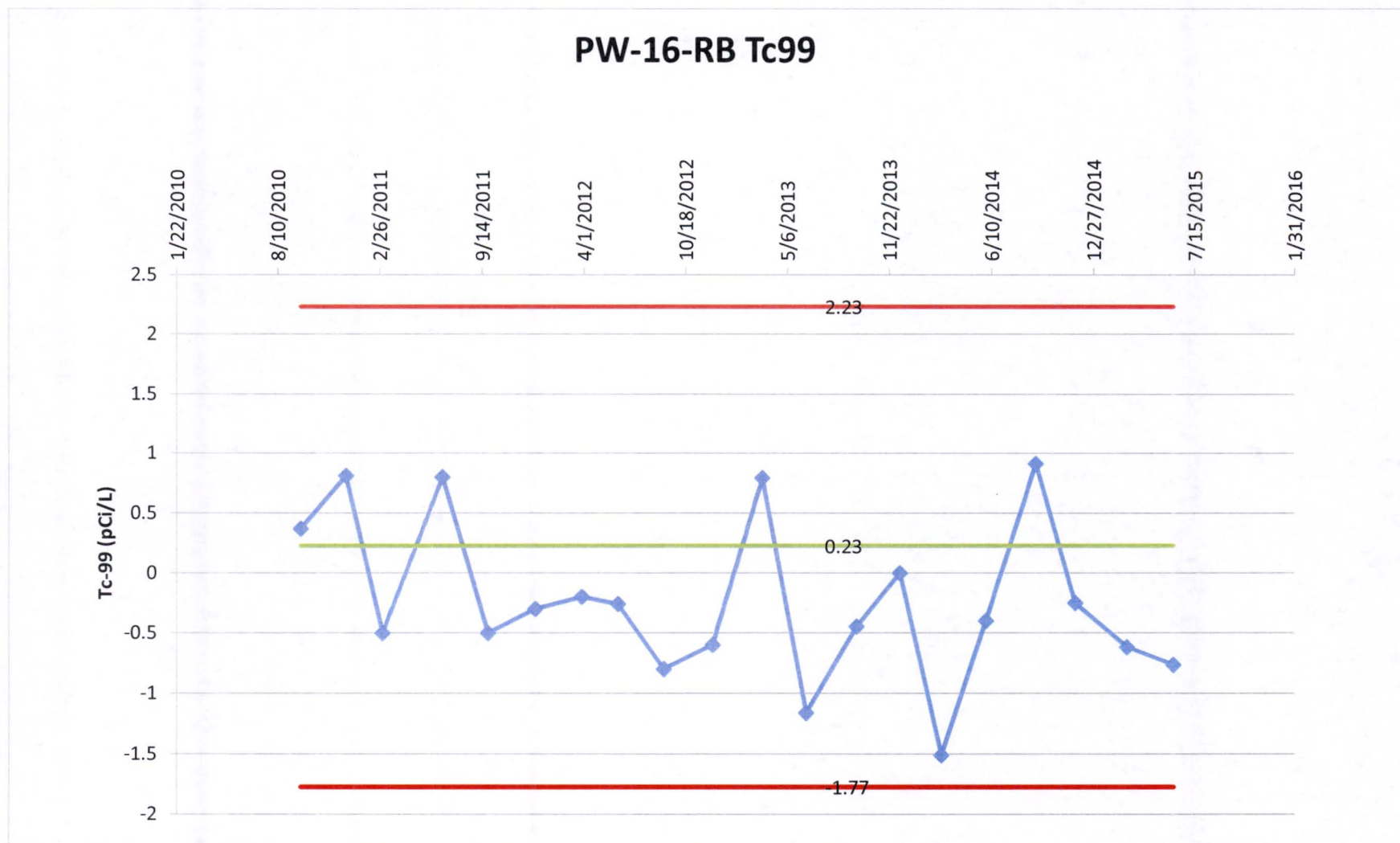
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID PW-16-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/24/2010	0.37	0.99	1.7	5.56	0.77	0.11	0.011	0.045	0.11	0.52	0.19	0.08
12/22/2010	0.81	0.9	1.5	5.64	0.77	0.07	0.04	0.057	0.054	0.36	0.16	0.07
3/4/2011	-0.5	1.1	1.9	4.72	0.7	0.1	0.011	0.047	0.12	0.39	0.17	0.05
6/29/2011	0.8	1	1.7	5.21	0.53	0.01	0.04	0.029	0.014	0.386	0.085	0.011
9/26/2011	-0.5	1.1	1.9	5.59	0.75	0.1	0.075	0.075	0.051	0.36	0.15	0.07
12/28/2011	-0.3	1.1	2	5.4	0.77	0.14	0.068	0.093	0.14	0.41	0.18	0.13
3/28/2012	-0.2	1.1	1.8	5.31	0.63	0.05	0.038	0.05	0.075	0.43	0.13	0.03
6/7/2012	-0.26	0.96	1.7	5.28	0.63	0.06	0.024	0.033	0.032	0.29	0.11	0.03
9/5/2012	-0.8	1.2	2.1	5.23	0.62	0.05	0.023	0.032	0.031	0.36	0.12	0.06
12/10/2012	-0.6	1.1	1.9	5.47	0.29	0.04	0.037	0.019	0.048	0.5	0.058	0.016
3/18/2013	0.793	0.93	1.52	4.92	0.615	0.0285	0.0262	0.0371	0.0355	0.305	0.116	0.0284
6/12/2013	-1.16	1.05	1.89	5.42	0.656	0.0643	0.0456	0.0522	0.0666	0.328	0.121	0.0641
9/19/2013	-0.447	1.37	2.35	5.38	0.832	0.177	0.00697	0.0596	0.17	0.298	0.177	0.171
12/13/2013	0	1.28	2.18	4.92	0.596	0.0749	0.0232	0.0328	0.0347	0.35	0.12	0.0685
3/4/2014	-1.51	1.24	2.17	5.41	0.589	0.0499	0.0414	0.0463	0.0705	0.343	0.0985	0.0194

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

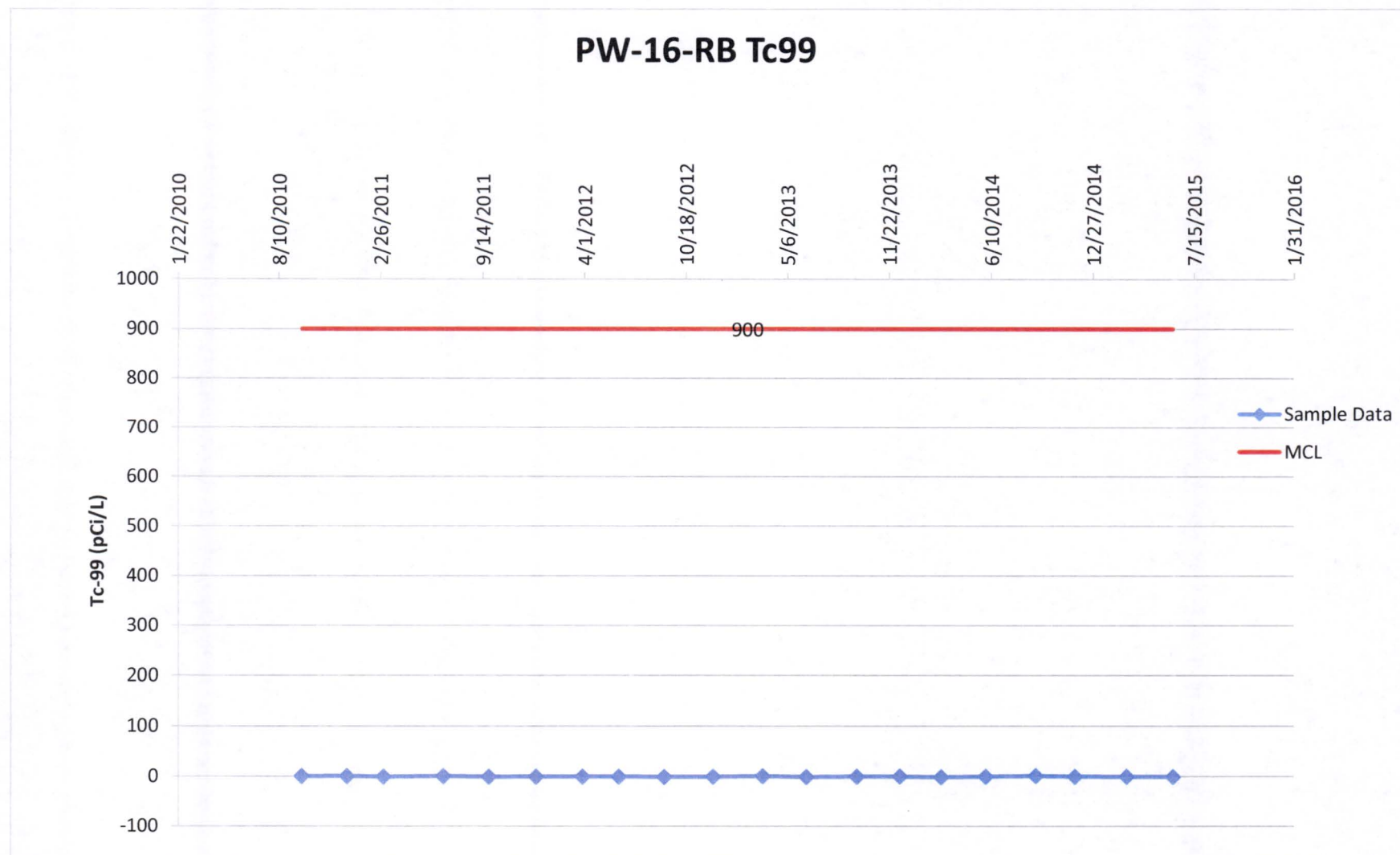
Well ID PW-16-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
5/30/2014	-0.4	1.21	2.08	5	0.61	0.0642	0.0364	0.0422	0.0364	0.337	0.119	0.0539
9/5/2014	0.912	1.3	2.15	5.09	0.616	0.0632	-0.005	0.00997	0.0661	0.38	0.126	0.053
11/21/2014	-0.251	1.23	2.11	5.24	0.643	0.0686	0.026	0.0368	0.039	0.375	0.129	0.0312
3/3/2015	-0.619	1.23	2.12	5.36	0.638	0.0625	0.0779	0.0637	0.0654	0.324	0.116	0.0624
6/3/2015	-0.766	1.21	2.1	4.94	0.558	0.054	0.0787	0.0529	0.0262	0.407	0.112	0.021

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

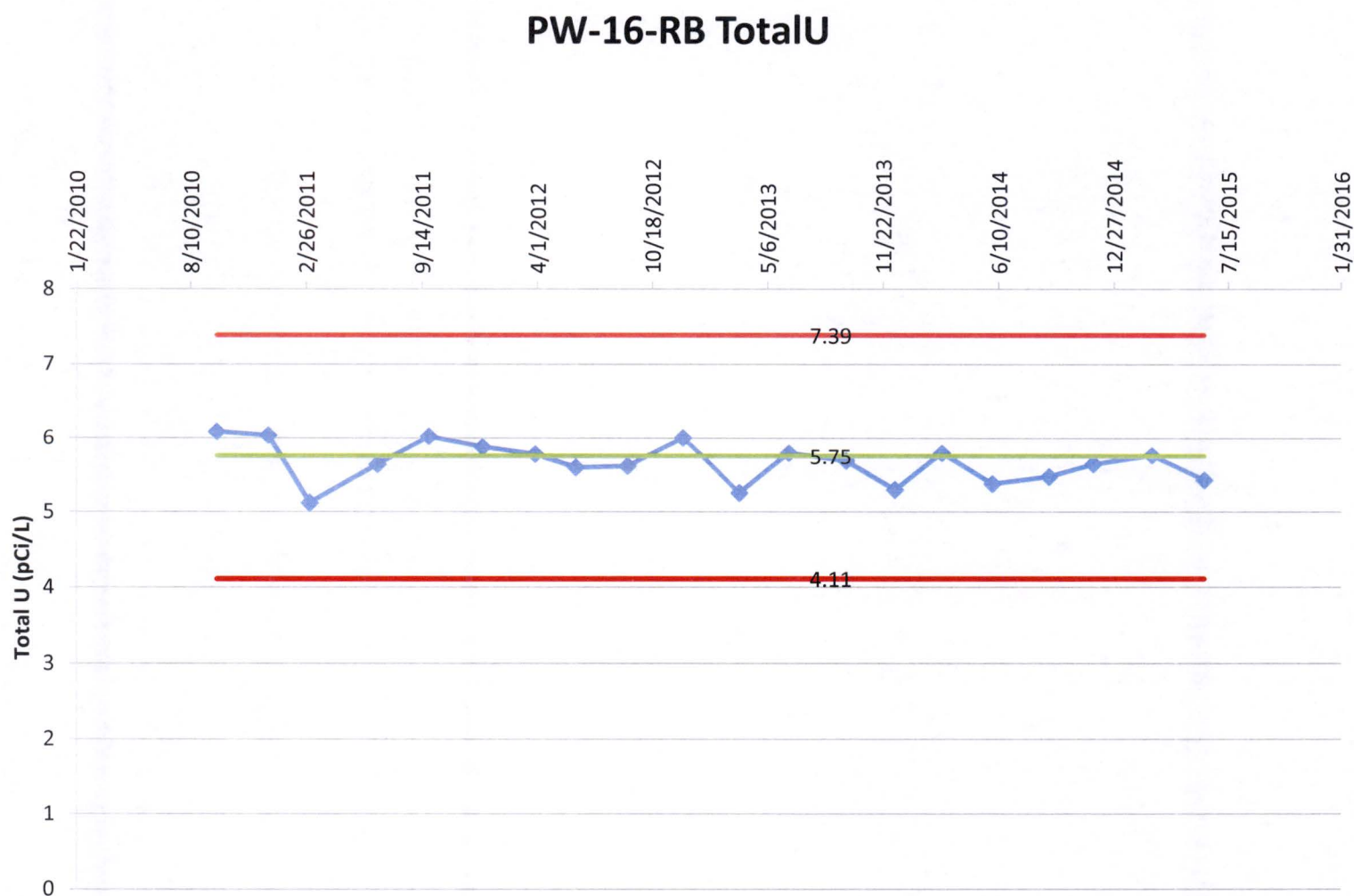




**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

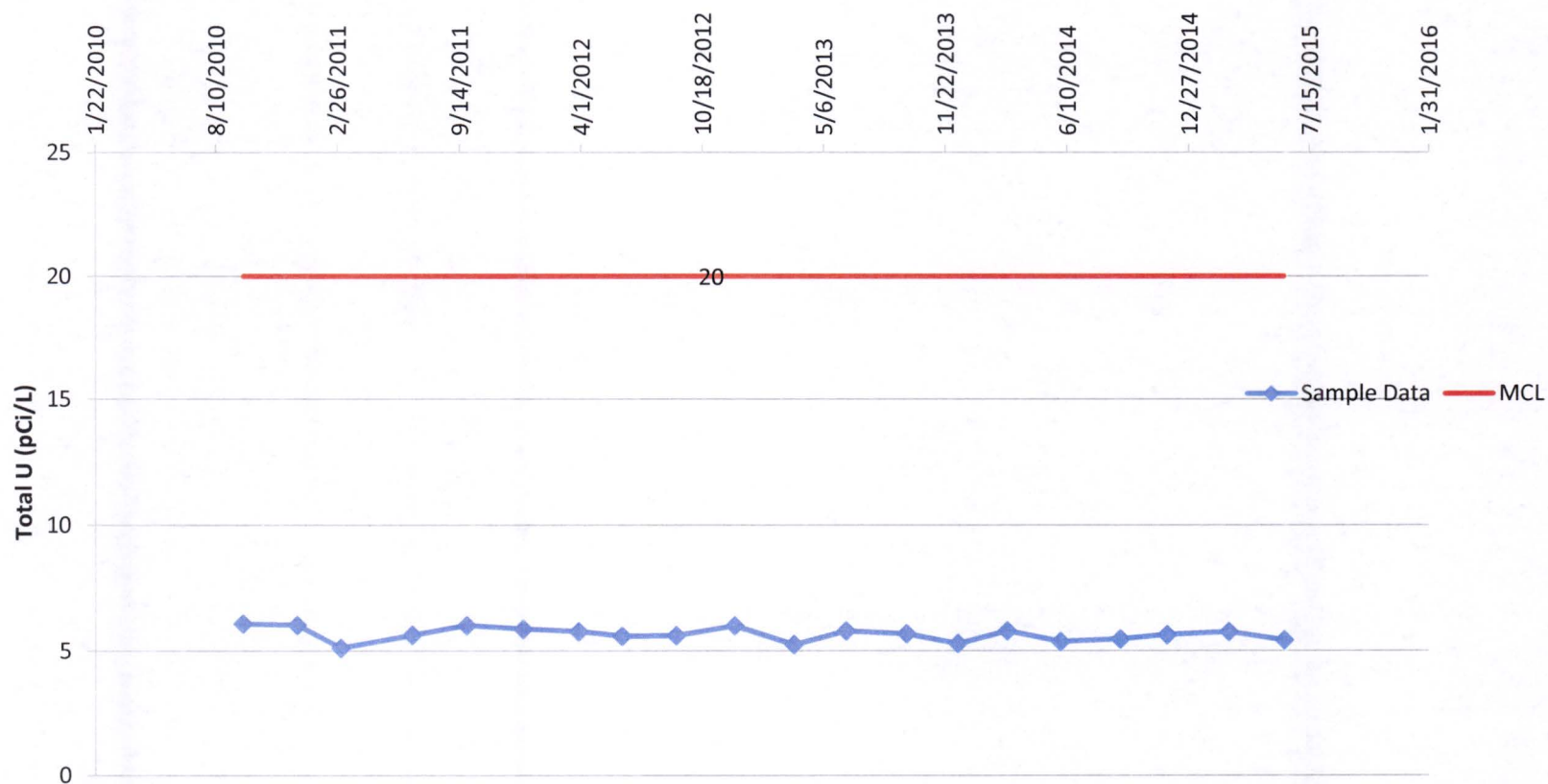


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**PW-16-RB TotalU**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID PW-19-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/23/2010	1.1	1	1.7	4.65	0.7	0.12	0.017	0.046	0.1	0.62	0.22	0.13
12/22/2010	1.5	1	1.6	4.5	0.66	0.07	0.036	0.058	0.092	0.39	0.16	0.04
3/3/2011	-0.3	1.1	1.8	4.49	0.68	0.12	0	0.022	0.059	0.73	0.24	0.11
6/29/2011	0.5	1	1.7	4.49	0.47	0.01	0.047	0.035	0.039	0.52	0.1	0.03
9/26/2011	0.1	1.3	2.1	4.07	0.62	0.04	0.056	0.071	0.092	0.49	0.19	0.1
12/22/2011	0.01	1.2	2.1	4.24	0.62	0.09	0.055	0.064	0.05	0.51	0.18	0.1
3/27/2012	0.4	1.1	1.9	3.73	0.57	0.07	0.028	0.055	0.099	0.51	0.18	0.04
6/1/2012	0.2	1	1.7	4.35	0.55	0.05	0.079	0.064	0.063	0.42	0.13	0.03
8/23/2012	-0.21	0.94	1.6	4.26	0.54	0.03	0.031	0.043	0.063	0.46	0.14	0.05
11/29/2012	-0.35	0.98	1.7	4.3	0.54	0.06	0.048	0.054	0.073	0.48	0.14	0.03
3/7/2013	-0.591	0.956	1.67	4.26	0.542	0.0687	0.0121	0.0242	0.0327	0.366	0.126	0.0686
6/6/2013	-0.512	1.23	2.11	4.56	1.56	0.0682	0.0627	0.178	0.0848	0.578	0.492	0.068
9/19/2013	-0.841	1.28	2.21	4.19	0.727	0.188	0.013	0.0623	0.169	0.201	0.144	0.135
12/12/2013	1.14	1.3	2.14	4.04	0.566	0.038	0.0788	0.0708	0.0473	0.443	0.154	0.0379

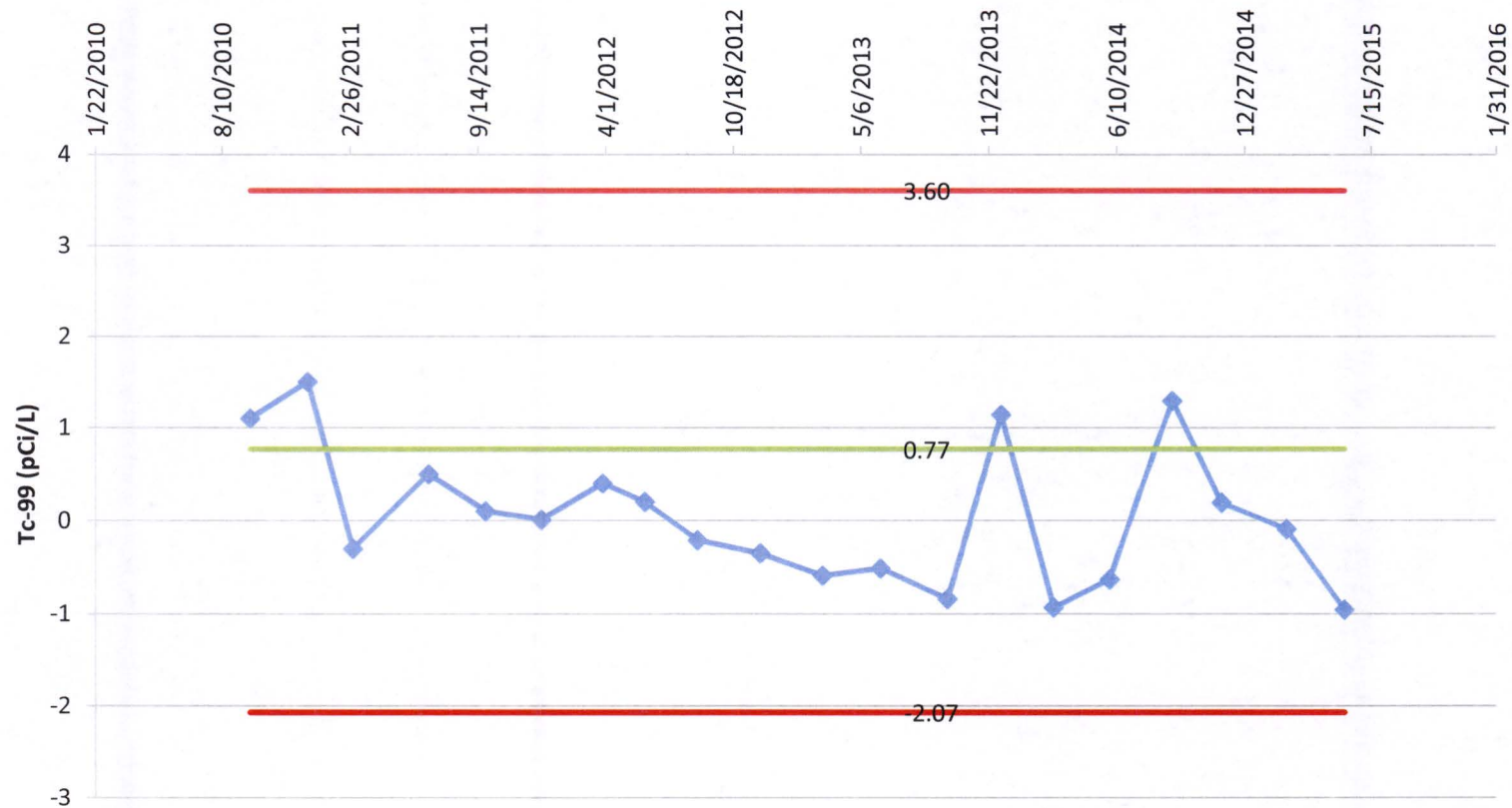
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID PW-19-JC												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
3/4/2014	-0.932	1.26	2.2	3.99	0.468	0.0422	0.0613	0.0485	0.0525	0.427	0.113	0.02
5/30/2014	-0.631	1.14	1.98	4.78	0.601	0.09	0.0334	0.0462	0.0715	0.386	0.133	0.0682
9/5/2014	1.29	1.32	2.15	4.15	0.534	0.0545	0.0491	0.0493	0.0368	0.384	0.127	0.0295
11/21/2014	0.189	1.32	2.23	3.78	0.505	0.0671	0.0635	0.057	0.0381	0.362	0.126	0.0563
3/3/2015	-0.093	1.29	2.19	4.35	0.549	0.0713	0.0241	0.0341	0.0361	0.382	0.126	0.0533
6/3/2015	-0.956	1.21	2.1	4.5	0.518	0.0209	0.0293	0.0365	0.0548	0.348	0.103	0.0209



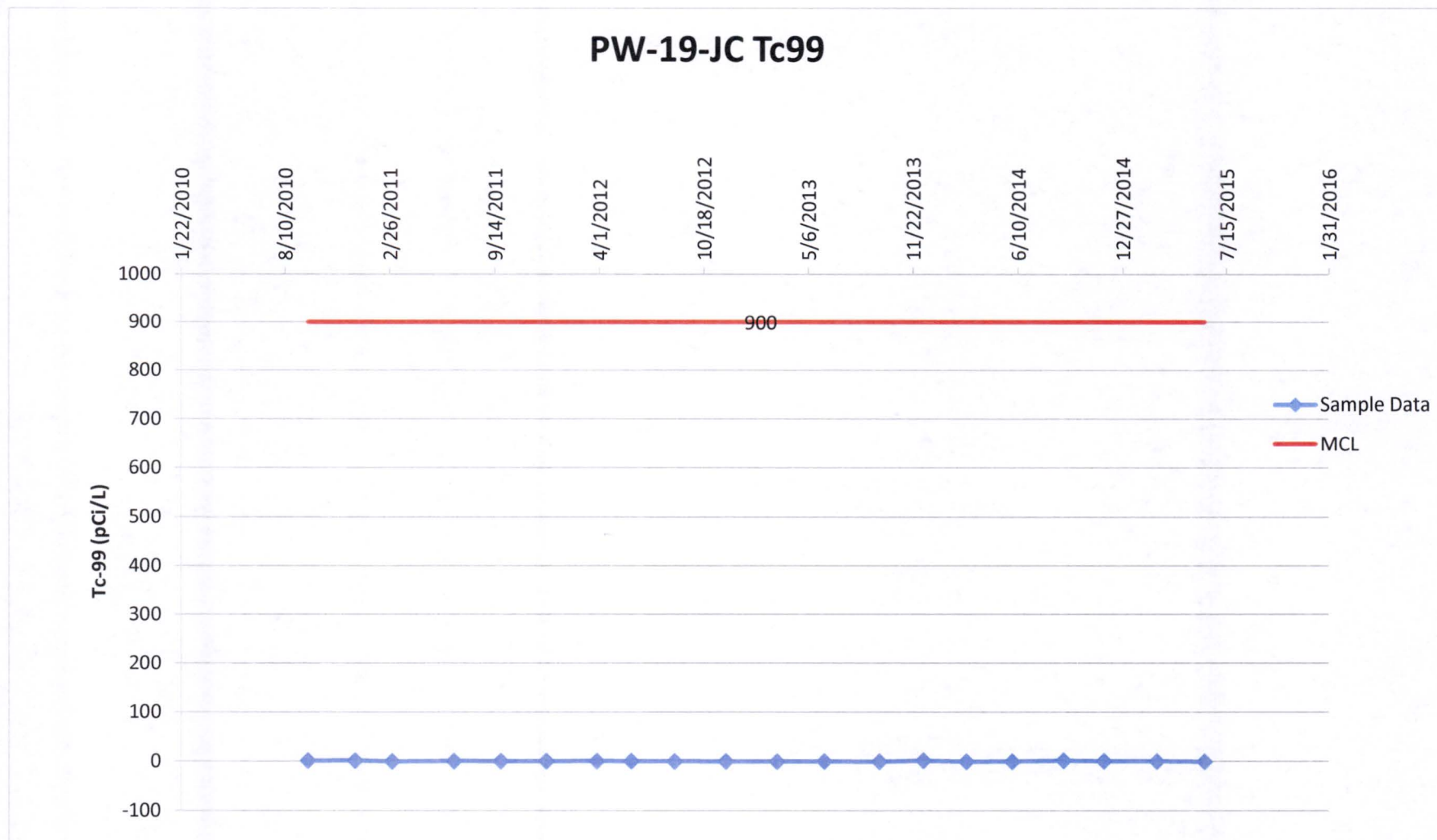
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**PW-19-JC Tc99**



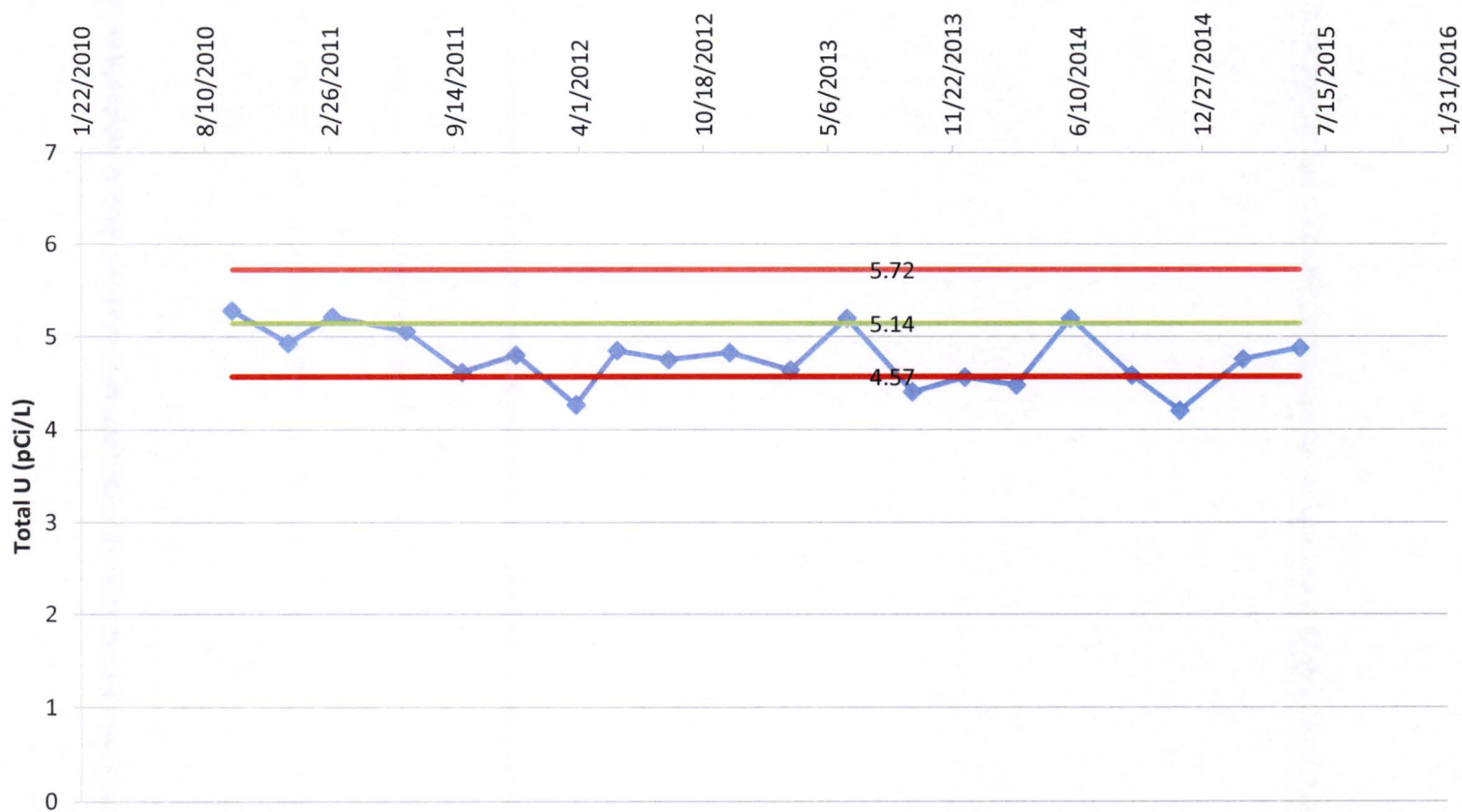


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

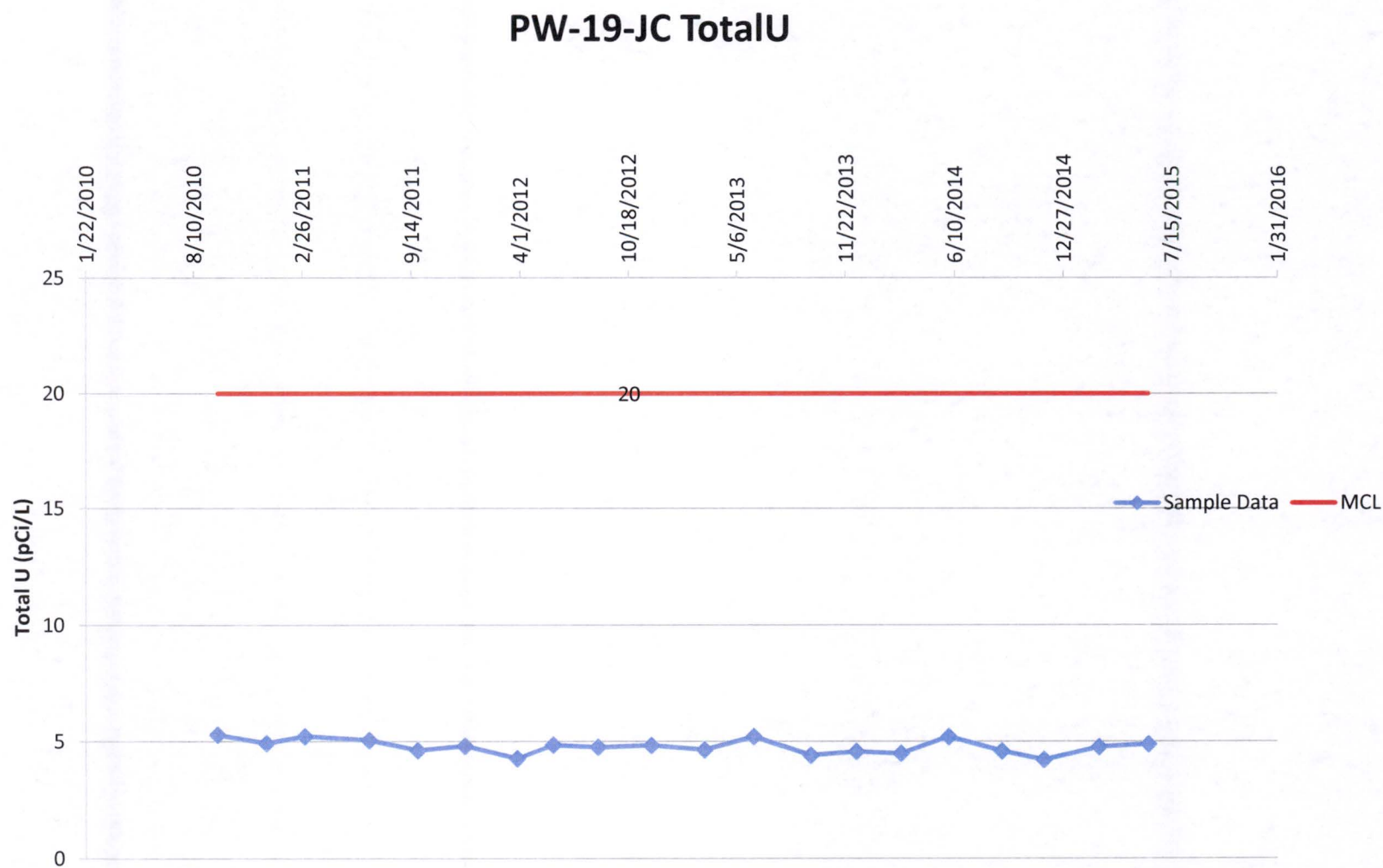


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**PW-19-JC TotalU**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

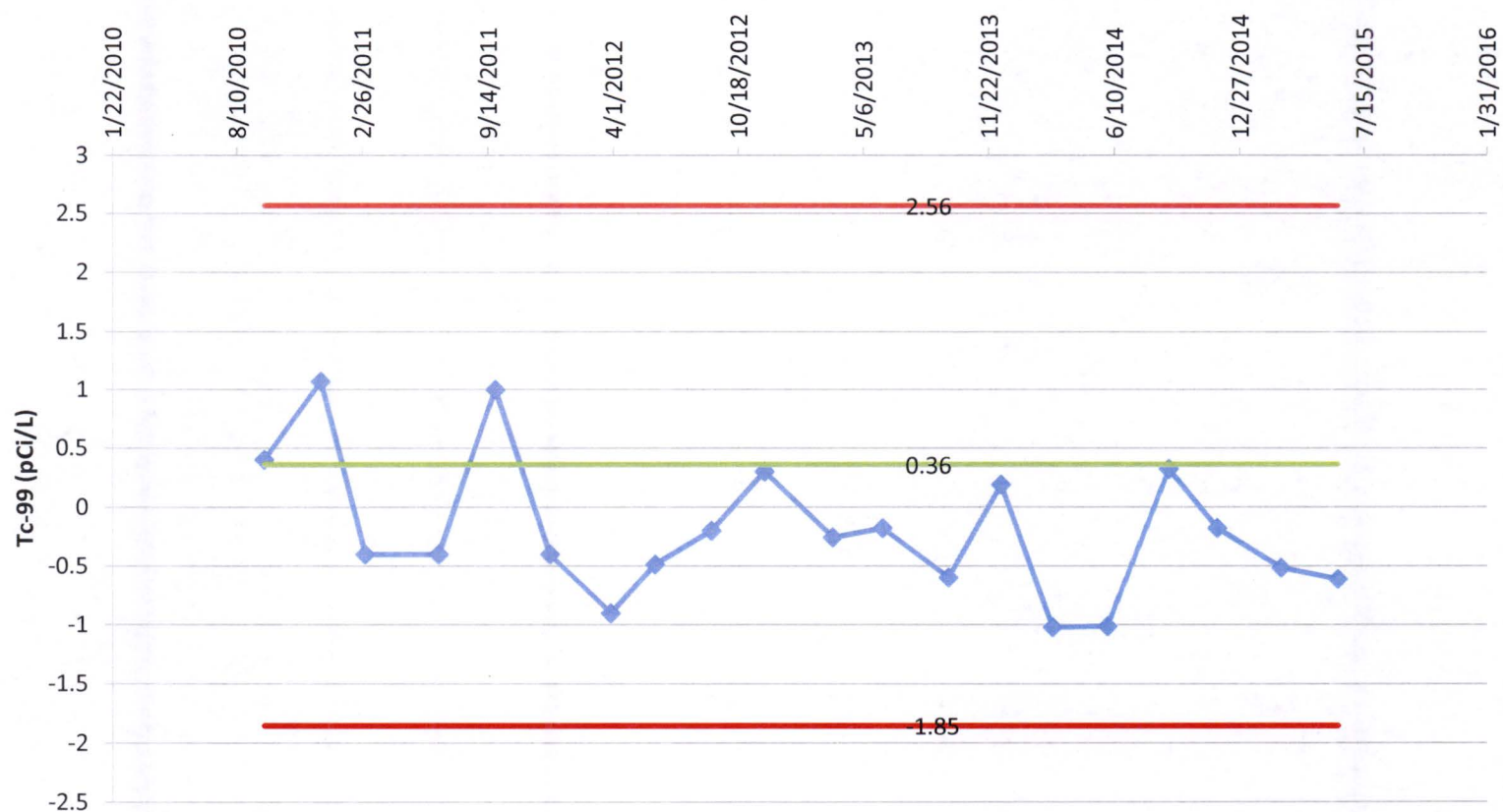
Well ID PW-19-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/23/2010	0.4	1.1	1.9	4.34	0.74	0.12	0.03	0.06	0.082	0.73	0.27	0.07
12/22/2010	1.07	0.9	1.5	3.82	0.58	0.08	0.009	0.04	0.1	0.55	0.19	0.07
3/3/2011	-0.4	1	1.8	4.25	0.65	0.08	0.027	0.064	0.13	0.55	0.2	0.08
6/28/2011	-0.4	1.1	1.9	4.55	0.47	0.04	0.074	0.04	0.014	0.6	0.11	0.04
9/26/2011	1	1.2	1.9	4.19	0.61	0.1	0	0.018	0.049	0.47	0.17	0.1
12/22/2011	-0.4	1.1	1.9	4.65	0.67	0.1	0.039	0.055	0.053	0.73	0.22	0.07
3/28/2012	-0.9	1.2	2.1	5.32	0.65	0.06	0.034	0.047	0.069	0.58	0.16	0.03
6/7/2012	-0.484	0.995	1.7	4.82	0.61	0.09	0.047	0.054	0.069	0.73	0.19	0.09
9/5/2012	-0.2	1.1	1.8	4.87	0.59	0.07	-0.003	0.029	0.083	0.56	0.15	0.07
11/29/2012	0.3	1	1.7	5.07	0.62	0.1	0.029	0.055	0.098	0.68	0.18	0.07
3/18/2013	-0.257	0.977	1.69	4.27	0.543	0.0509	0.0726	0.0596	0.0328	0.66	0.169	0.0263
6/6/2013	-0.18	1.25	2.13	4.37	1.47	0.098	-0.0054	0.0215	0.122	0.689	0.517	0.0622
9/19/2013	-0.597	1.34	2.31	4.68	0.743	0.12	0.0477	0.0752	0.12	0.545	0.22	0.0961
12/12/2013	0.19	1.23	2.07	4.49	0.482	0.0478	0.0682	0.0415	0.0186	0.542	0.115	0.0477

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID PW-19-RB												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
3/4/2014	-1.02	1.25	2.17	4.57	0.519	0.069	0.00927	0.0337	0.0721	0.604	0.137	0.0417
5/30/2014	-1.01	1.16	2.03	4.42	0.564	0.0666	0.0526	0.0585	0.0829	0.544	0.158	0.0746
9/5/2014	0.32	1.61	2.71	4.28	0.551	0.0305	0.0253	0.0358	0.0379	0.701	0.18	0.0666
11/21/2014	-0.18	1.3	2.22	4.08	0.54	0.0588	0.0607	0.0604	0.0732	0.622	0.171	0.0587
3/3/2015	-0.513	1.24	2.14	4.31	0.549	0.0997	0.0143	0.0375	0.0803	0.466	0.142	0.0542
6/3/2015	-0.612	1.2	2.08	4.11	0.488	0.0454	0.0302	0.0376	0.0565	0.661	0.151	0.0628

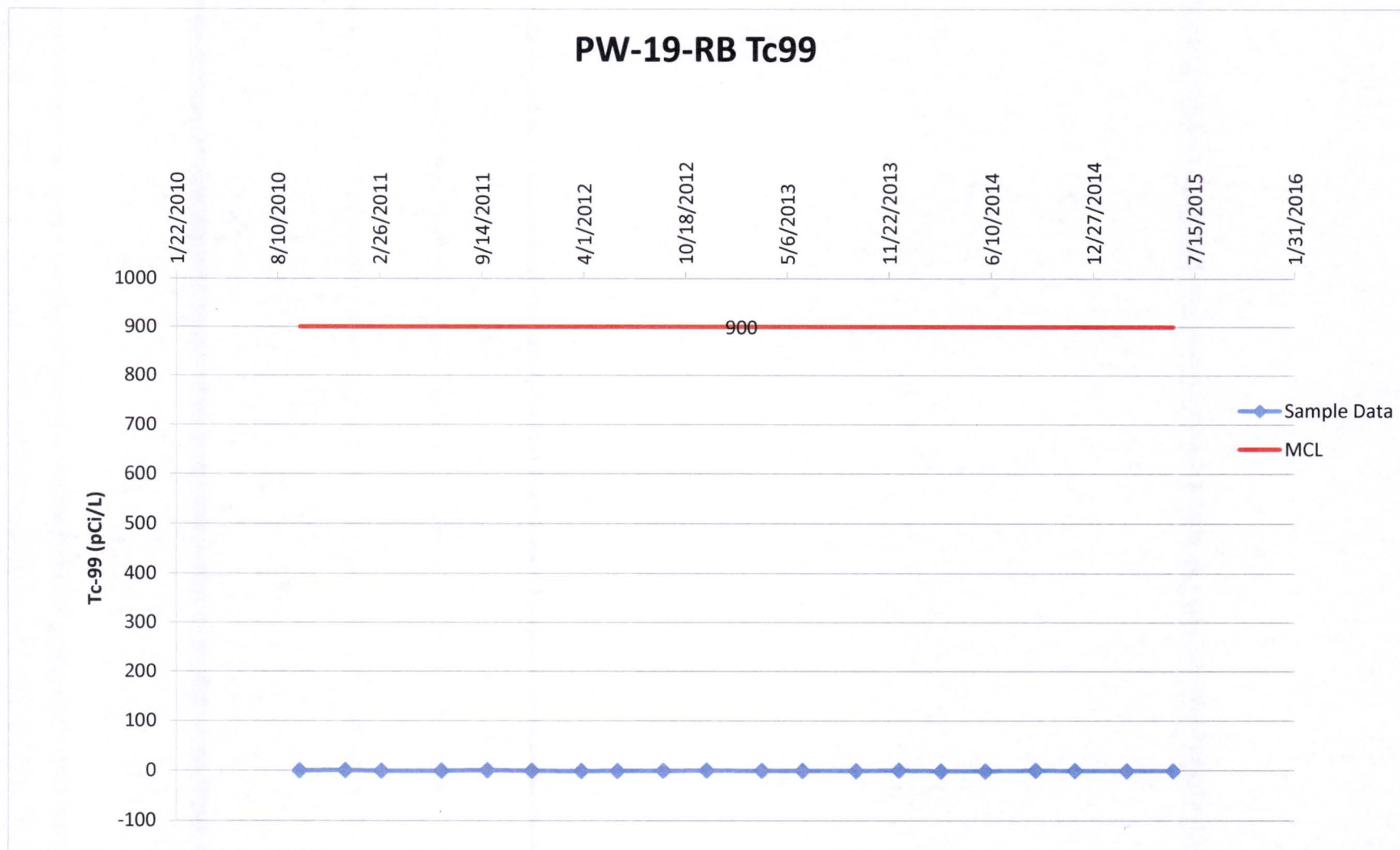
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**PW-19-RB Tc99**



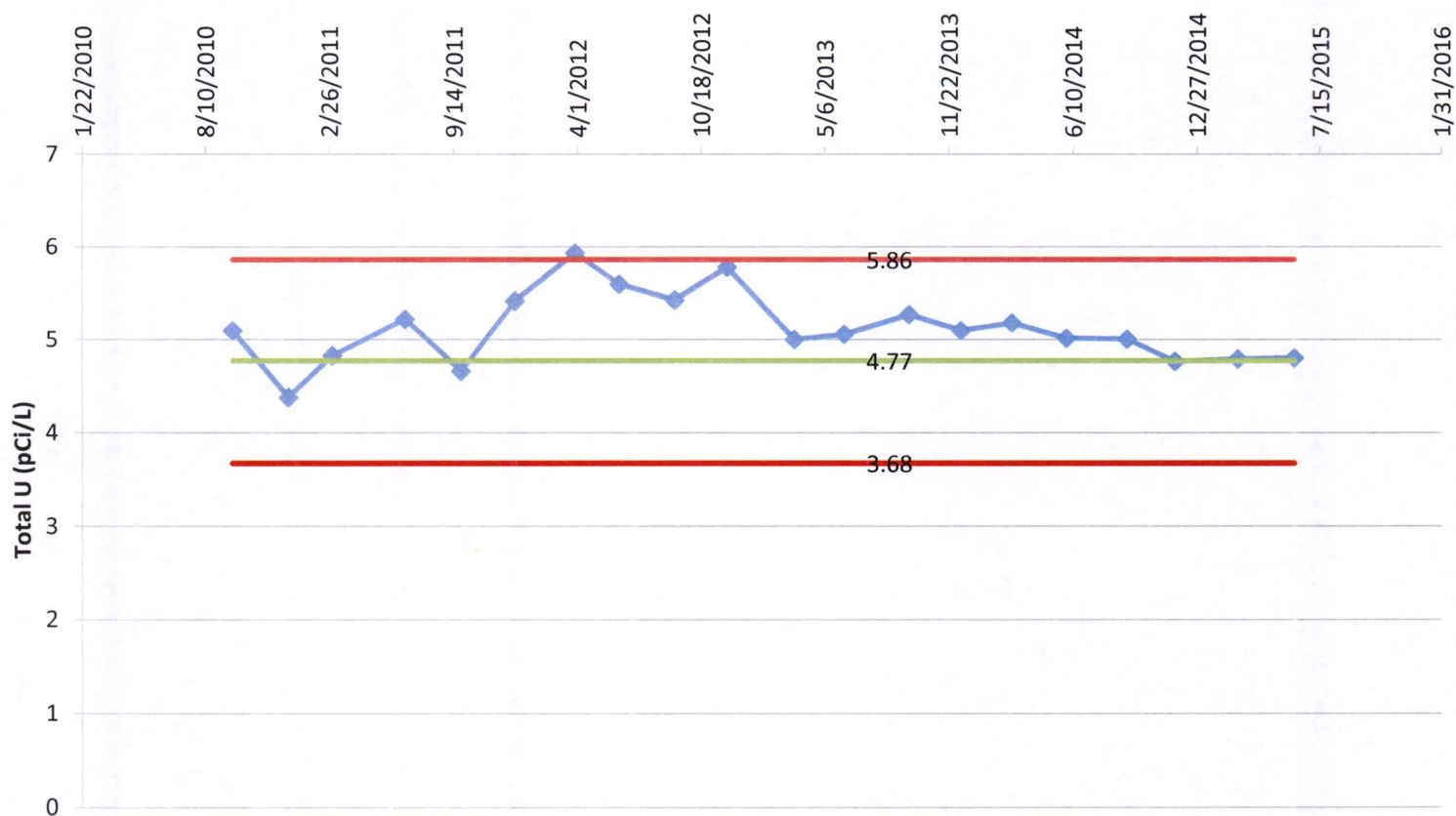


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



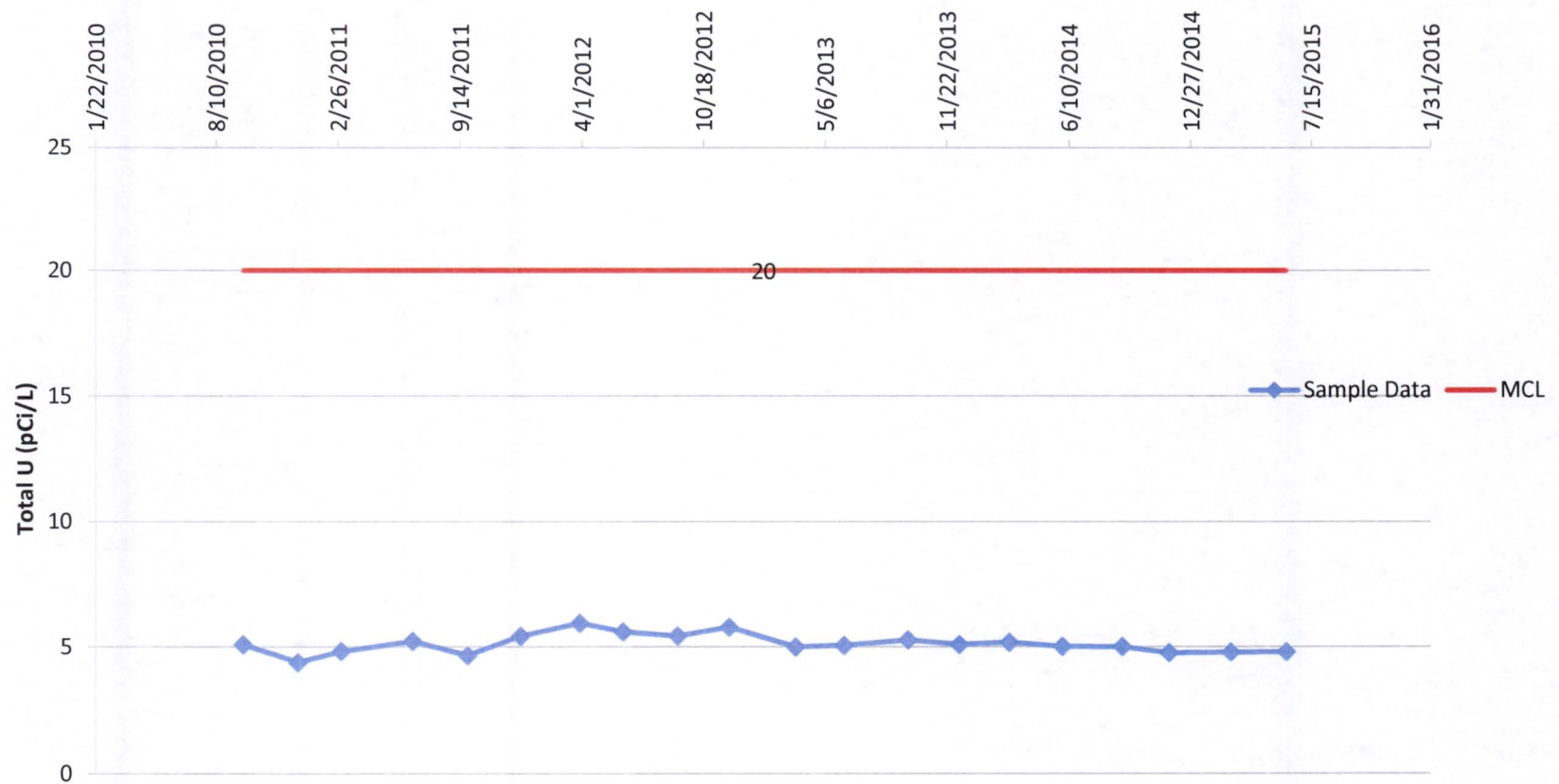
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**PW-19-RB TotalU**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**PW-19-RB TotalU**





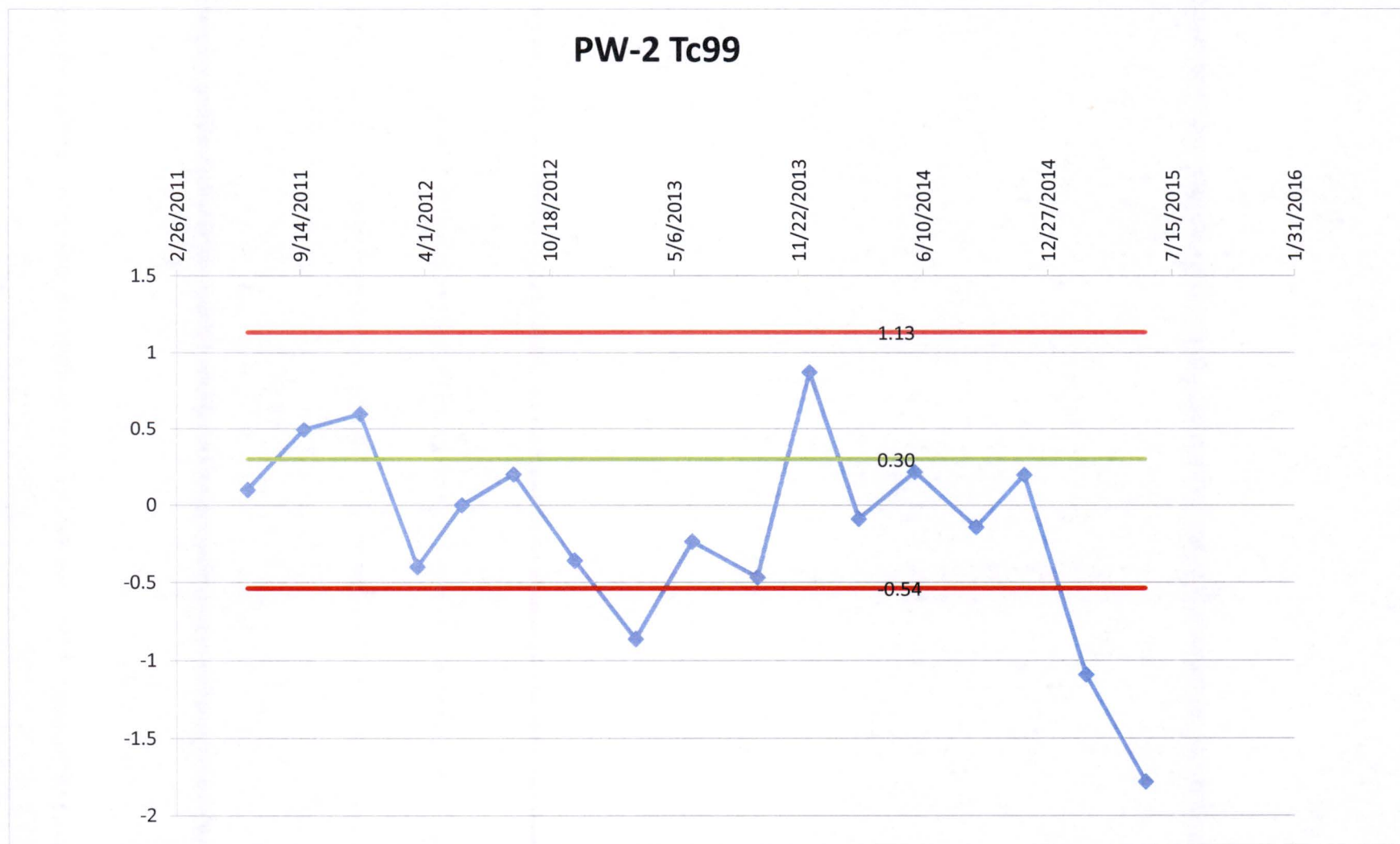
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID PW-2												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/21/2011	0.1	1.1	1.9	0.039	0.062	0.1	0.016	0.045	0.099	0.061	0.071	0.093
9/20/2011	0.494	0.997	1.7	0.36	0.16	0.11	0.014	0.04	0.088	0.062	0.062	0.042
12/19/2011	0.6	1	1.7	0.6	0.21	0.08	0	0.011	0.058	0.19	0.12	0.05
3/20/2012	-0.4	1.2	2	0.113	0.089	0.092	-0.0048	0.0097	0.088	0.05	0.064	0.091
5/30/2012	0	1	1.7	0.82	0.19	0.08	-0.019	0.019	0.089	0.083	0.067	0.086
8/21/2012	0.2	1	1.7	0.84	0.25	0.04	-0.005	0.01	0.094	0.07	0.075	0.097
11/27/2012	-0.36	0.85	1.5	0.94	0.22	0.07	0.016	0.041	0.084	0.077	0.062	0.067
3/5/2013	-0.861	1	1.76	0.0487	0.0604	0.0954	0.025	0.0423	0.0725	0.0663	0.0538	0.0581
6/4/2013	-0.238	1.05	1.82	0.127	0.0766	0.0705	0.0144	0.038	0.0778	0.0331	0.0475	0.0771
9/17/2013	-0.467	1.21	2.1	0.801	0.28	0.122	0.0176	0.0582	0.138	0.0465	0.0805	0.139
12/10/2013	0.872	1.31	2.17	0.853	0.225	0.073	0.026	0.0485	0.0909	0.0681	0.0667	0.0867
2/27/2014	-0.09	1.26	2.15	0.716	0.19	0.0341	0.0283	0.0401	0.0424	0.0567	0.051	0.034
5/28/2014	0.215	1.23	2.07	1.21	0.247	0.0892	-0.0107	0.0152	0.0844	0.0918	0.0713	0.0891
9/3/2014	-0.144	1.28	2.19	1.18	0.269	0.0722	0	0.0135	0.0488	0.0782	0.0642	0.0391

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

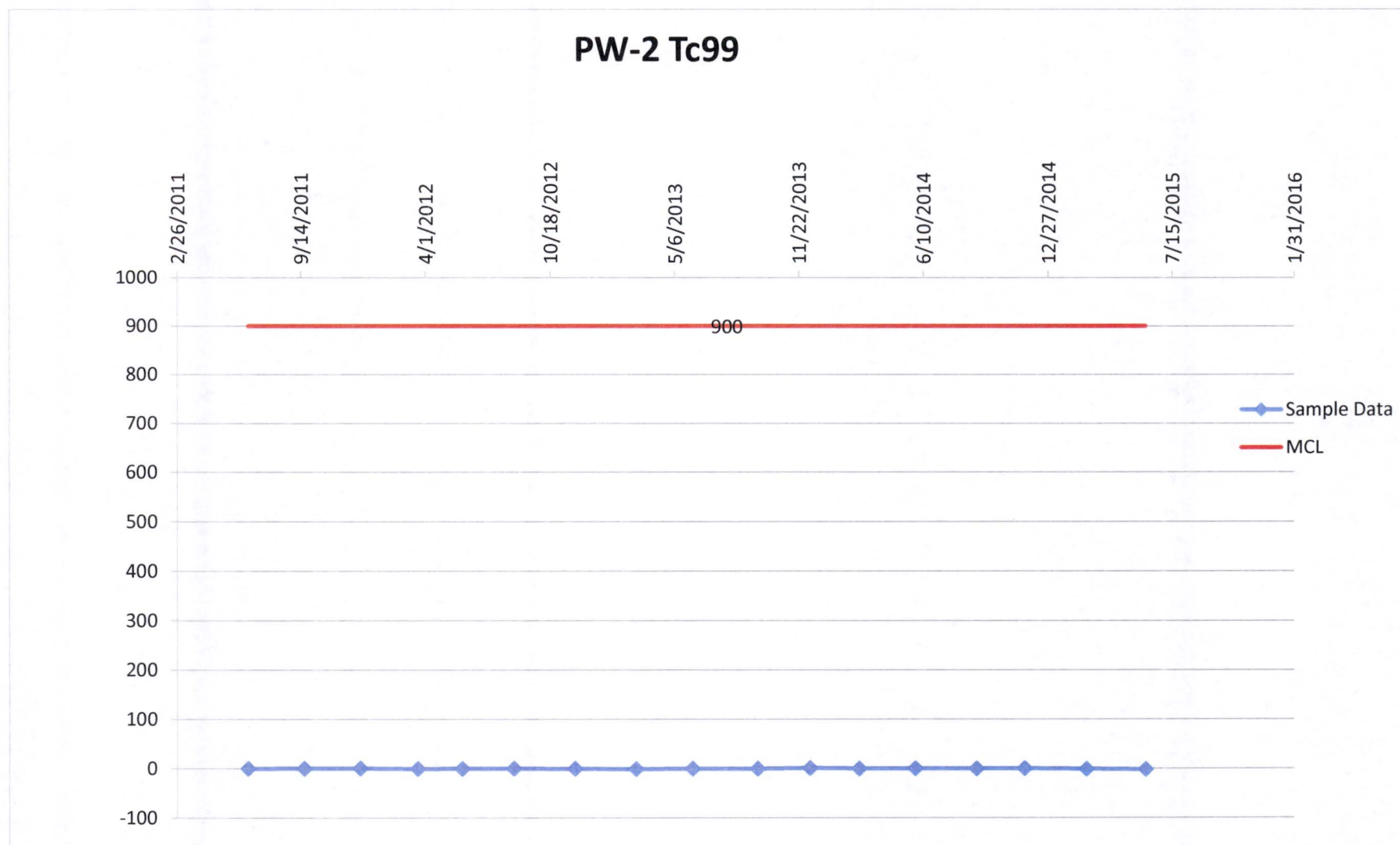
Well ID PW-2												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
11/19/2014	0.196	1.37	2.31	0.877	0.211	0.0977	0	0.011	0.0397	0.0566	0.059	0.0855
2/26/2015	-1.09	1.29	2.24	0.964	0.154	0.0337	0.0219	0.022	0.0164	0.101	0.0447	0.0336
6/2/2015	-1.78	1.24	2.19	0.385	0.111	0.0218	0.00677	0.0301	0.0694	0.136	0.067	0.0557

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

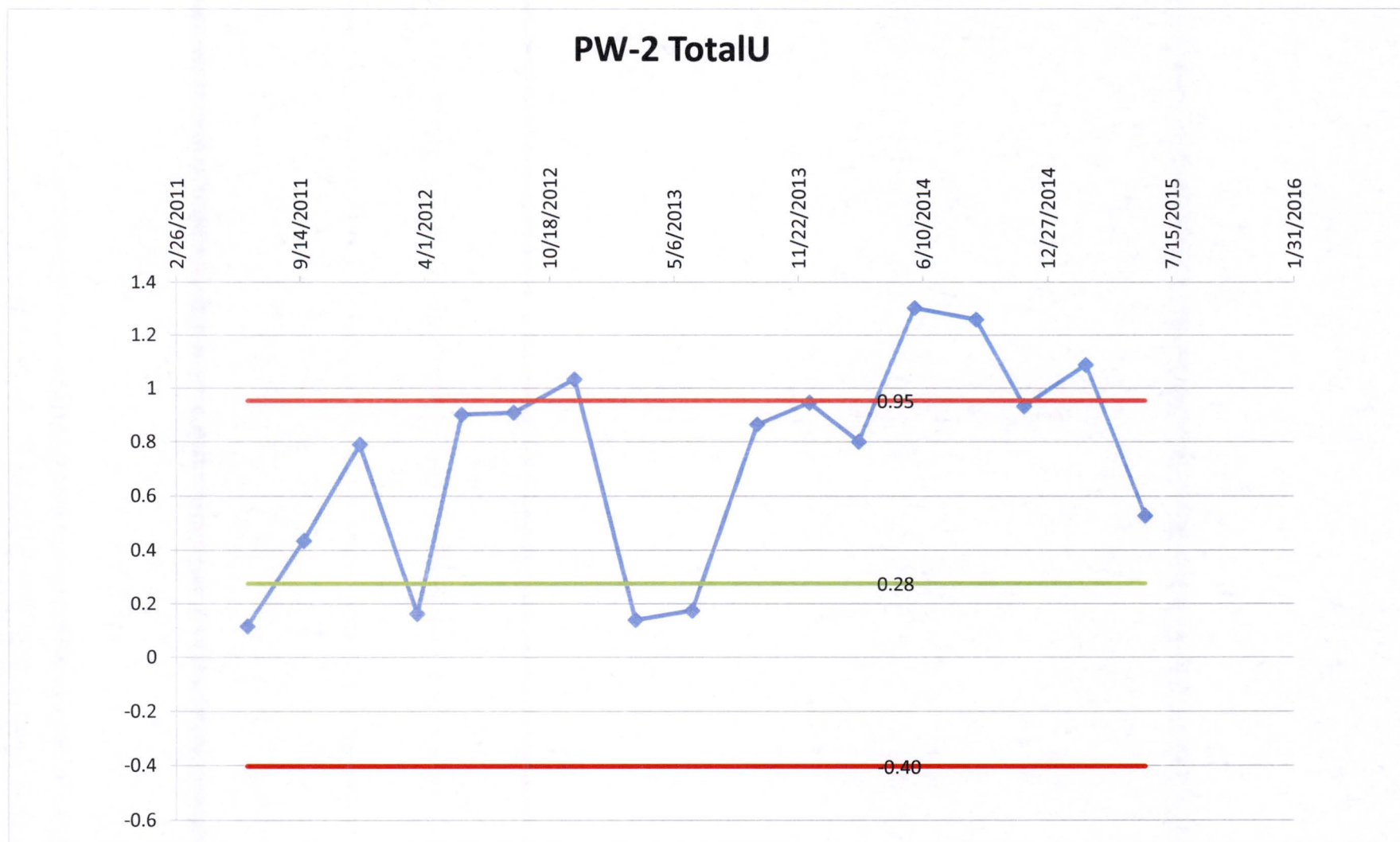




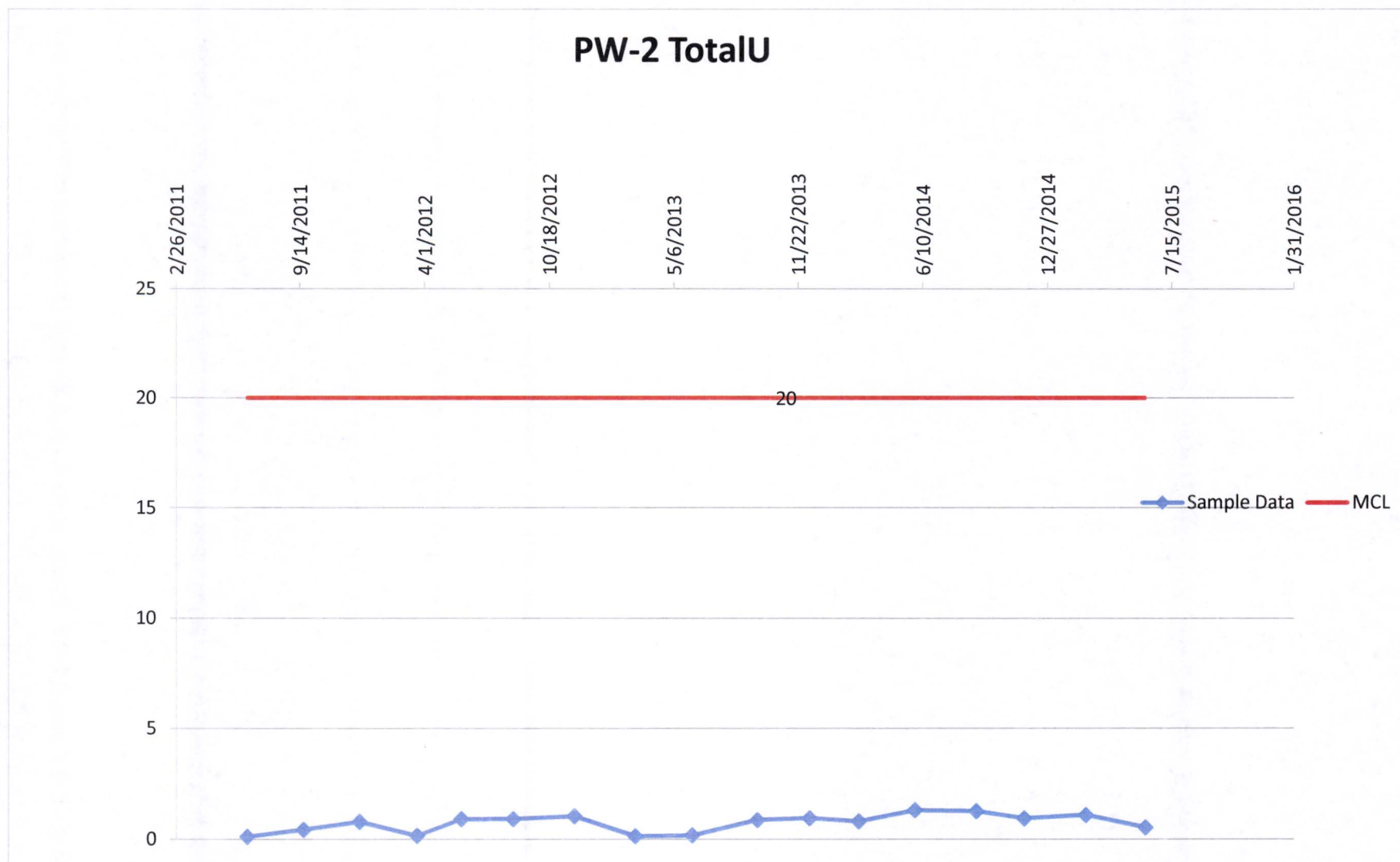
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID WS-04												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
9/24/2010	0.3	0.91	1.5	0.92	0.25	0.07	0.027	0.053	0.097	0.5	0.18	0.08
1/17/2012	-1	1.1	2	1.29	0.33	0.05	0.024	0.048	0.065	0.62	0.22	0.05
4/25/2012	-0.7	1.1	1.9	0.97	0.21	0.06	0.037	0.043	0.033	0.56	0.16	0.05
7/6/2012	-0.57	0.89	1.5	1.34	0.25	0.05	0.011	0.022	0.03	0.54	0.15	0.02
10/3/2012	-1.9	1.5	2.6	0.95	0.22	0.06	0.066	0.059	0.036	0.51	0.15	0.03
1/23/2013	-0.8	1.2	2	0.92	0.2	0.08	0.04	0.046	0.059	0.53	0.15	0.07
4/30/2013	-0.933	1.03	1.84	0.892	0.202	0.0268	0.0493	0.0495	0.0334	0.427	0.137	0.0621
7/16/2013	-1.49	1.39	2.42	0.912	0.412	0.0758	-0.001	0.0824	0.102	0.606	0.327	0.0612
10/8/2013	-0.225	1.25	2.12	1.21	0.364	0.122	0.0563	0.0887	0.132	0.717	0.275	0.106
1/22/2014	1.02	1.28	2.1	0.887	0.182	0.0233	0.0811	0.0597	0.0612	0.45	0.124	0.0233
4/9/2014	-1.15	1.2	2.08	1.17	0.241	0.0822	0.0381	0.0441	0.0381	0.489	0.147	0.0306
7/9/2014	-0.674	1.37	2.36	0.84	0.204	0.0916	0.0407	0.0649	0.114	0.614	0.171	0.0804
10/9/2014	-0.956	1.24	2.16	0.872	0.212	0.0817	0.0276	0.039	0.0413	0.437	0.145	0.0611
1/16/2015	-2.26	2.69	4.68	0.901	0.204	0.0725	0.0611	0.0549	0.0367	0.513	0.151	0.0789

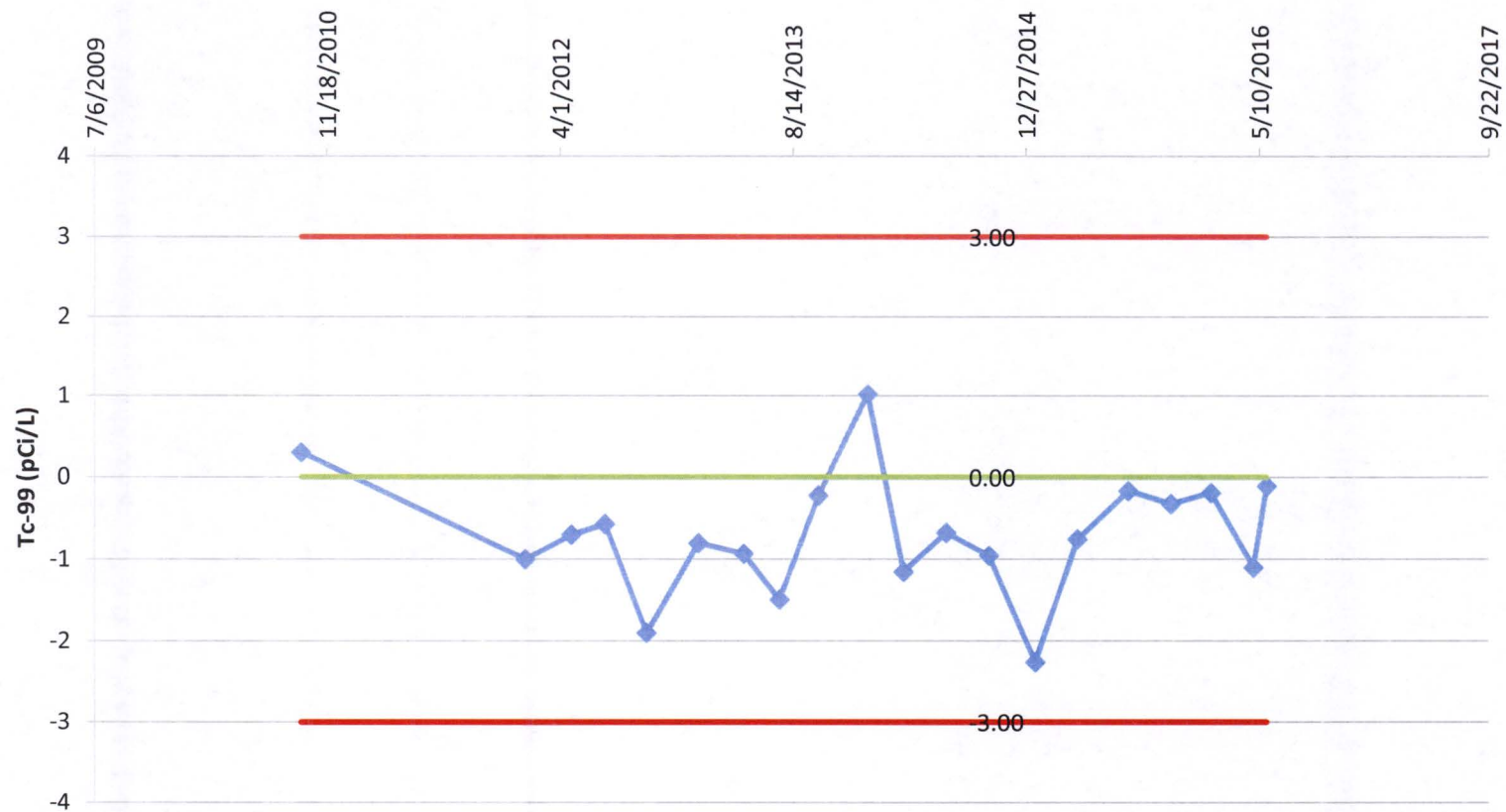
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID WS-04												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
4/16/2015	-0.756	1.23	2.13	1.03	0.175	0.0488	0.0208	0.0241	0.0208	0.534	0.118	0.0167
8/3/2015	-0.167	1.22	2.08	1.15	0.21	0.0816	0.0548	0.045	0.0274	0.552	0.136	0.0462
11/2/2015	-0.325	1.33	2.27	1.28	0.24	0.059	0.0372	0.0534	0.09	0.777	0.181	0.0661
1/27/2016	-0.192	1.26	2.14	1.02	0.157	0.0323	0.00525	0.0105	0.0157	0.568	0.109	0.0126
4/27/2016	-1.1	1.23	2.15	1.07	0.201	0.0648	0.0127	0.0285	0.0582	0.538	0.136	0.0568
5/26/2016	-0.11	1.12	1.92	1.05	0.286	0.096	0.0216	0.0433	0.0648	0.607	0.211	0.052



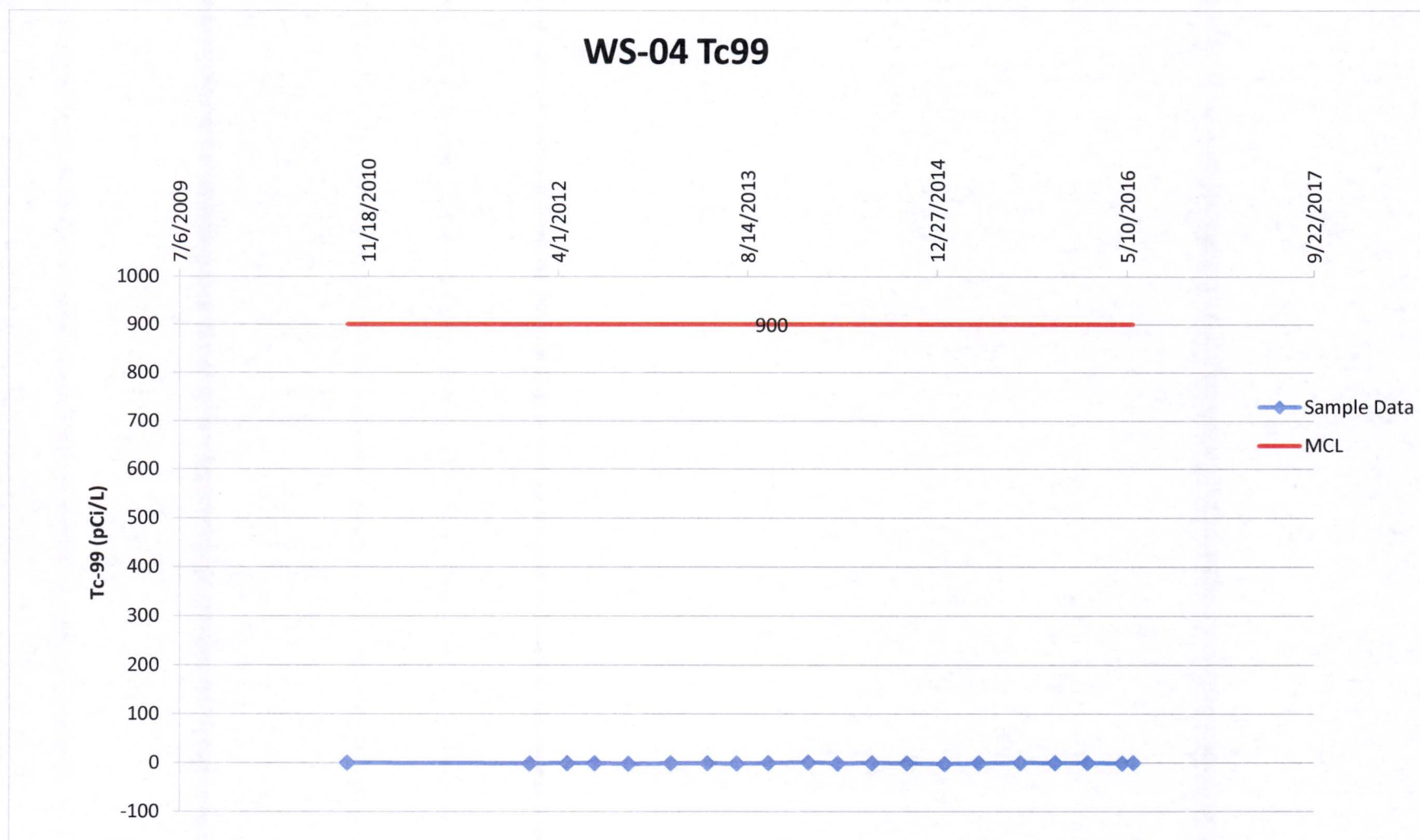
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**WS-04 Tc99**

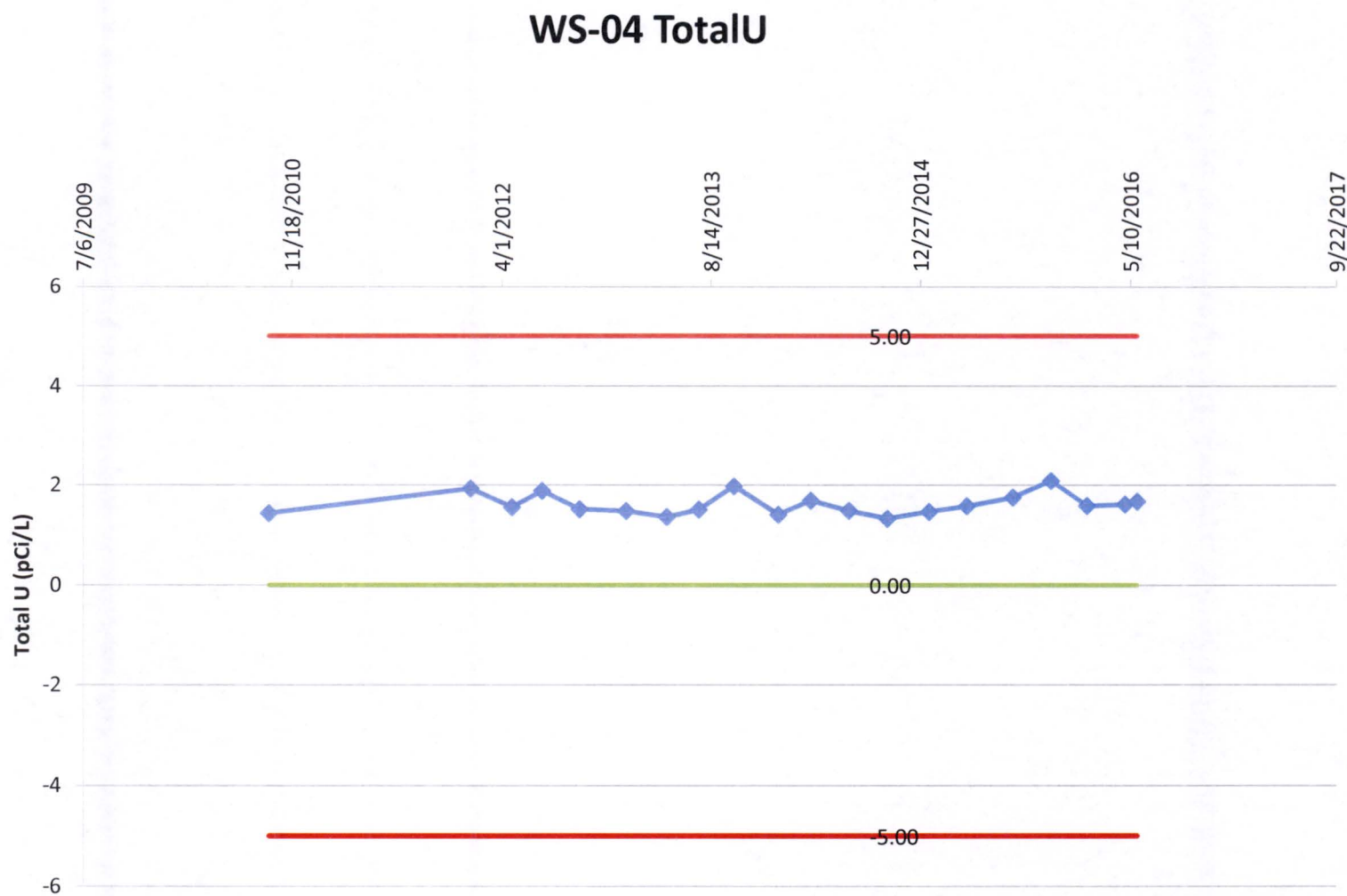




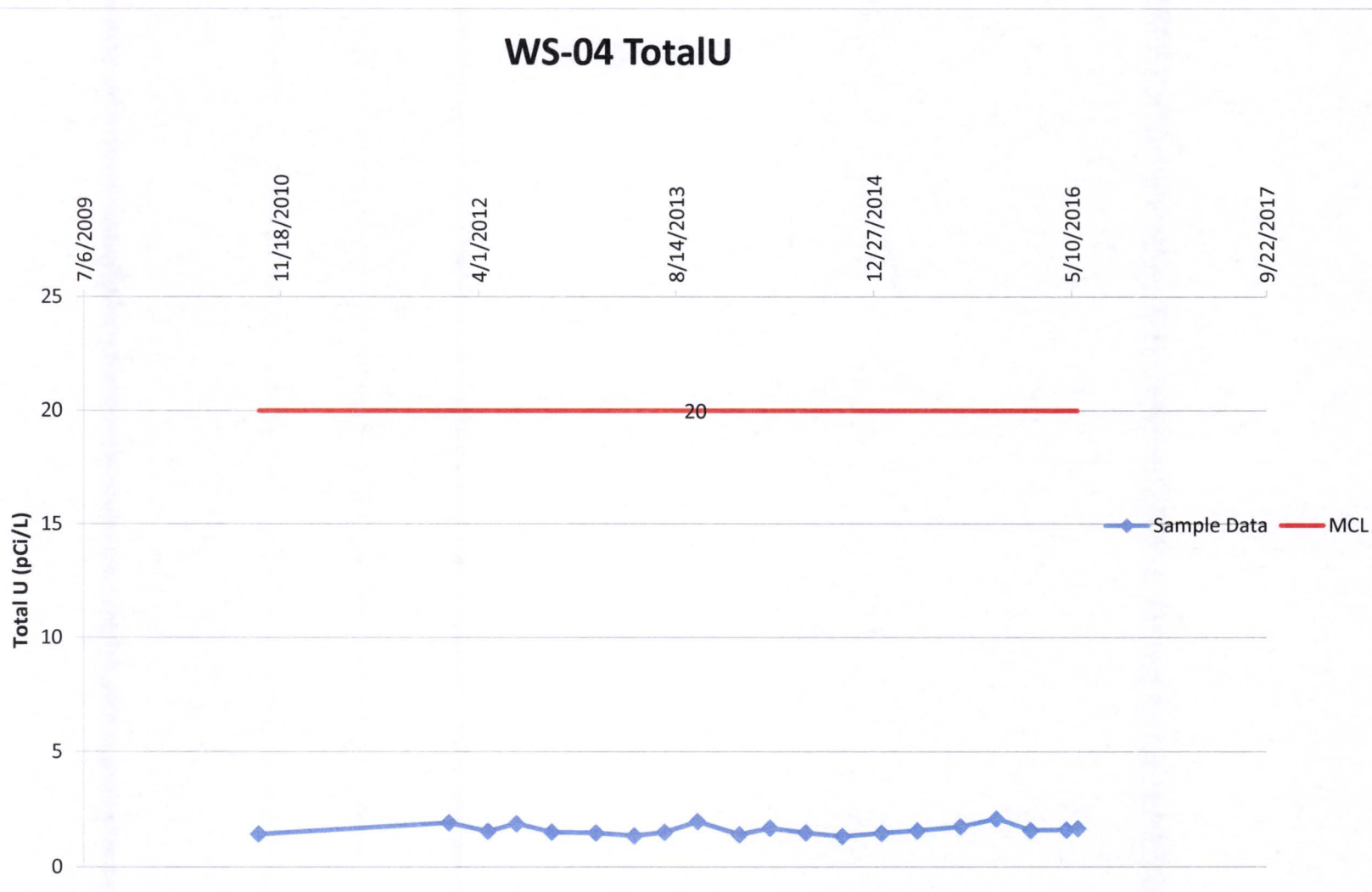
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

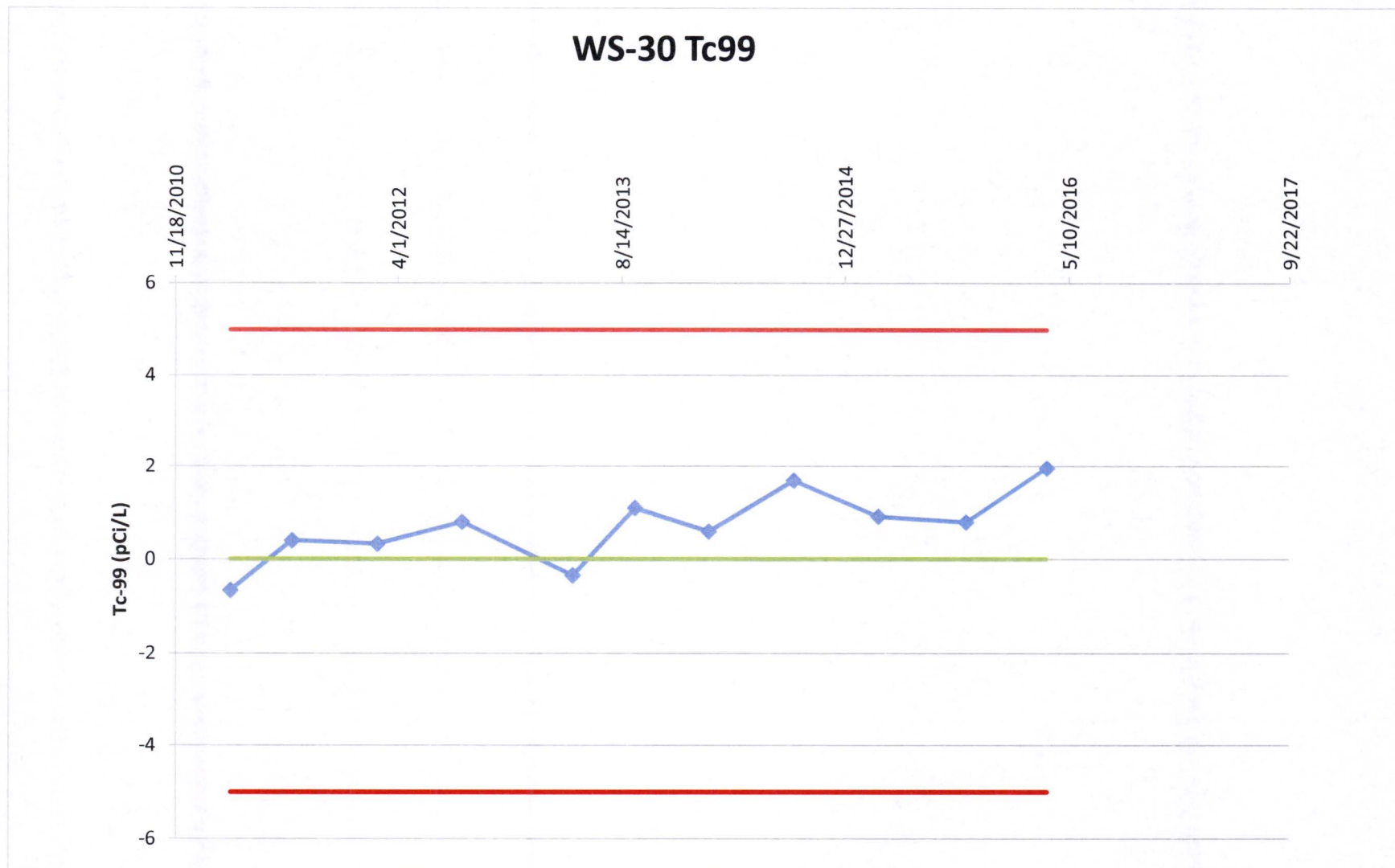




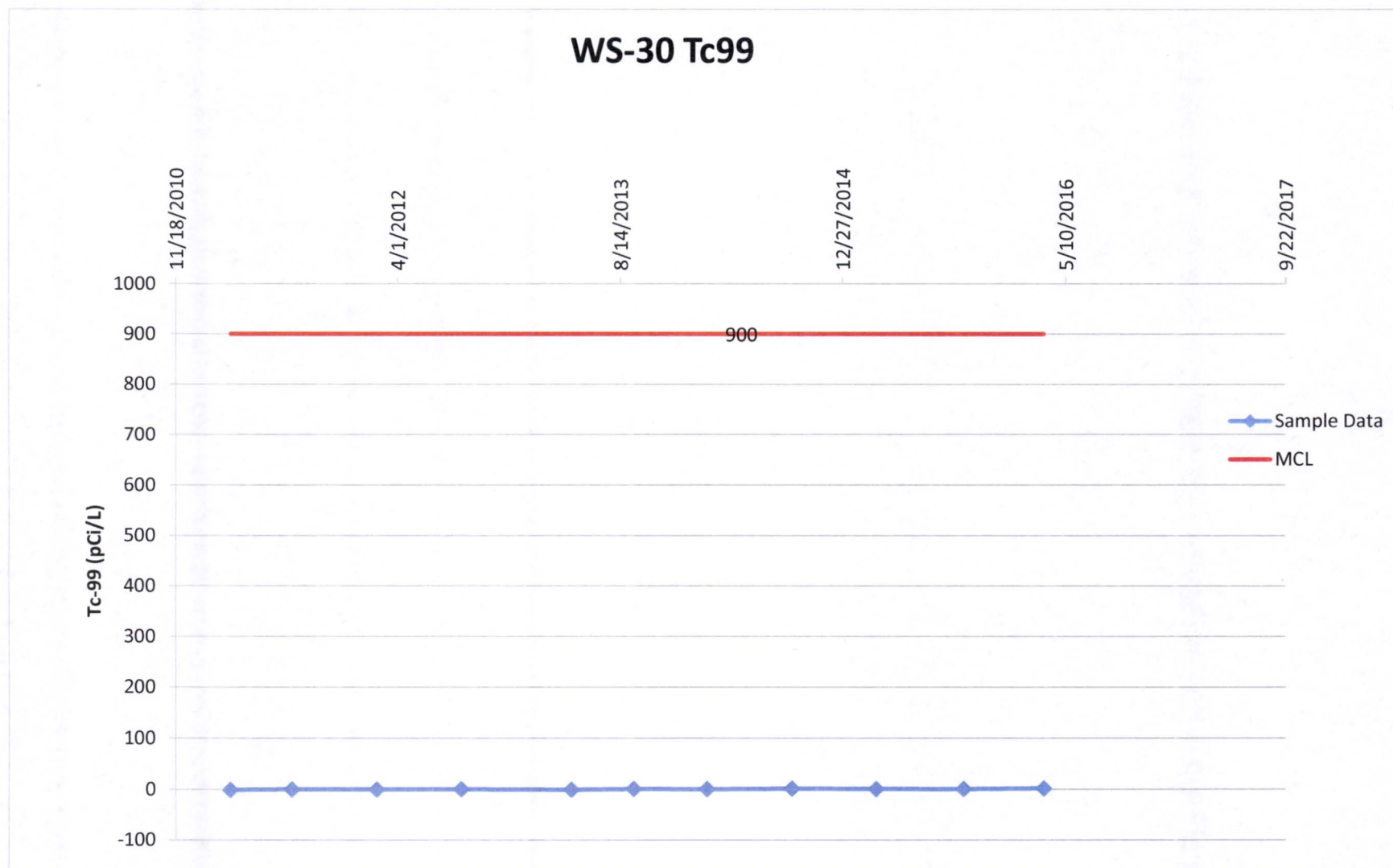
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID WS-30												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
3/22/2011	-0.657	1	1.7	1.04	0.28	0.11	0.032	0.063	0.11	0.32	0.15	0.09
8/8/2011	0.4	1.2	1.9	2.17	0.42	0.1	0.06	0.069	0.054	0.65	0.21	0.07
2/15/2012	0.33	0.96	1.6	3.01	0.5	0.08	0.097	0.087	0.053	0.95	0.26	0.09
8/22/2012	0.8	1.2	1.9	1.88	0.38	0.08	0.093	0.089	0.089	0.84	0.24	0.08
4/26/2013	-0.342	1.33	2.25	1.09	0.234	0.0924	0.0388	0.0449	0.035	0.433	0.142	0.0734
9/13/2013	1.1	1.41	2.33	1.18	0.332	0.13	0.0212	0.0532	0.111	0.377	0.18	0.0567
2/25/2014	0.592	1.27	2.13	1.41	0.228	0.0921	0.0593	0.0552	0.0794	0.605	0.142	0.0963
9/4/2014	1.69	1.29	2.07	1.44	0.27	0.0851	0.0122	0.0245	0.0367	0.437	0.137	0.0542
3/12/2015	0.916	1.26	2.08	1.19	0.258	0.0995	0.0429	0.0497	0.0429	0.369	0.136	0.0754
9/24/2015	0.794	1.35	2.23	0.46	0.14	0.0696	0.00196	0.0272	0.0772	0.182	0.089	0.0758
3/22/2016	1.96	1.34	2.14	0.188	0.0898	0.0558	0.00943	0.0399	0.0927	0.0403	0.0405	0.0302

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



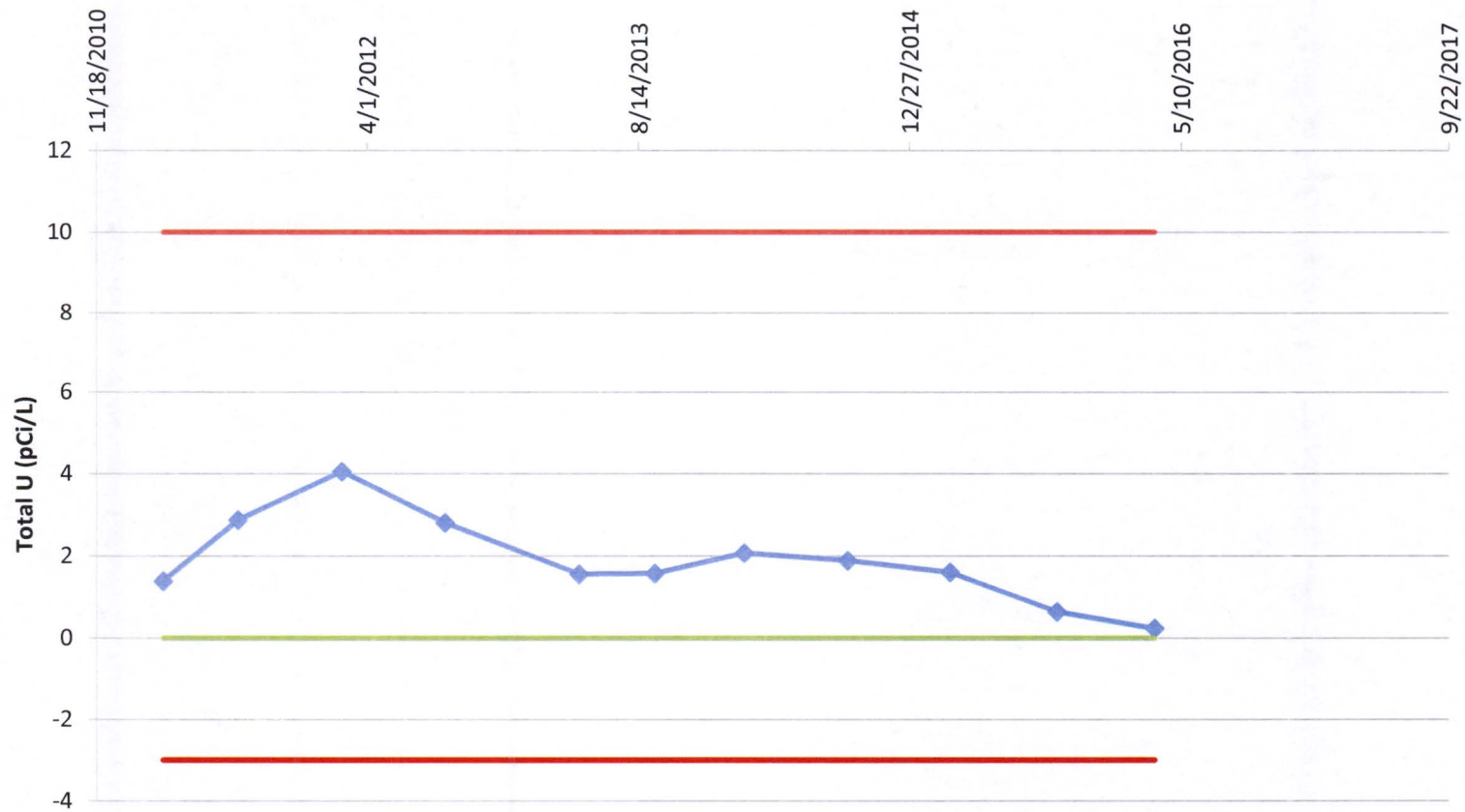
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**WS-30 TotalU**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID WS-31												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
6/28/2007	0.818	0	6.31	0.02231	0	0.1487	-0.0129	0	0.07209	0.03795	0	0.1304
9/19/2007	0.512	0	5.67	1.652	0	0.1199	0.00977	0	0.0411	0.3132	0	0.09972
12/3/2007	-4.51	0	5.89	1.946	0.3626	0.1381	0.0285	0.05026	0.04737	0.3792	0.1608	0.1271
3/4/2008	0.832	2.89	4.75	1.349	0.2867	0.1369	0.04222	0.05629	0.04372	0.299	0.1352	0.1
6/26/2008	-2.16	0	6.05	0.25	0	0.00474	0.00518	0	0.01	0.05	0	0.01
9/19/2008	0.8	1.8	3	1.13	0	0	-0.0053	0.0075	0	0.2	0	0.05
12/9/2008	0.05	2.1	1	1.55	0.3	0	0.163	0.0997	0	0.46	0	0.03
3/20/2009	-0.35	0	2	1.11	0.22	0	-0.0028	0.0055	0	0.18	0	0.02
6/29/2009	0.68	0.84	1.4	1.29	0.35	0.24	0.03	0.042	0.13	0.21	0	0.15
9/29/2009	0.4	1.1	1.8	1.38	0.37	0.11	0	0.025	0.074	0.26	0.15	0.1
12/15/2009	1.2	1.1	1.8	0.87	0.31	0.24	-0.003	0.061	0.18	0.08	0.1	0.15
3/29/2010	1.7	1	1.6	0.82	0.24	0.07	0	0.019	0.053	0.16	0.11	0.09
6/29/2010	1.15	0.91	1.5	1.06	0.24	0.08	-0.007	0.034	0.1	0.091	0.068	0.067
9/28/2010	1.36	0.95	1.5	0.81	0.25	0.08	-0.005	0.011	0.096	0.17	0.11	0.05
12/21/2010	0.8	1.1	1.8	0.85	0.25	0.09	0.005	0.044	0.12	0.25	0.13	0.07



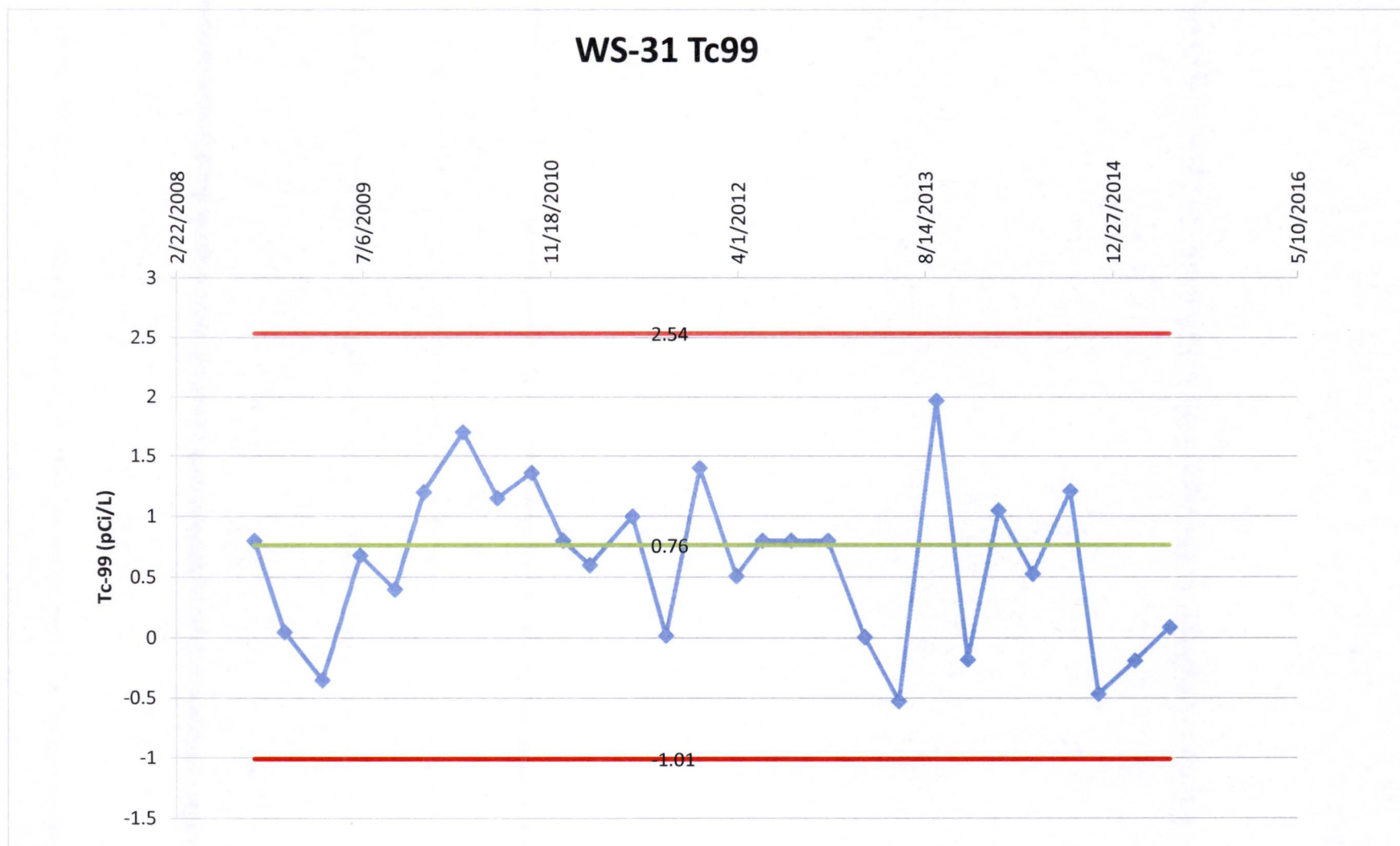
**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

Well ID WS-31												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
3/2/2011	0.6	1.1	1.8	1.13	0.32	0.12	0	0.025	0.067	0.094	0.089	0.09
6/24/2011	1	1.1	1.8	1.42	0.33	0.07	0.015	0.042	0.093	0.26	0.13	0.07
9/22/2011	0.02	0.98	1.7	0.74	0.23	0.11	0.019	0.039	0.053	0.18	0.11	0.11
12/21/2011	1.4	1.1	1.7	1.31	0.3	0.07	0	0.0096	0.052	0.23	0.12	0.04
3/28/2012	0.51	0.96	1.6	0.91	0.18	0.02	0	0.011	0.025	0.203	0.079	0.02
6/6/2012	0.8	1	1.7	1.18	0.24	0.03	0.024	0.035	0.033	0.198	0.092	0.062
8/22/2012	0.8	1.2	1.9	0.85	0.24	0.08	0	0.0092	0.05	0.077	0.074	0.087
11/28/2012	0.8	1	1.7	0.95	0.21	0.08	0.032	0.044	0.065	0.147	0.082	0.07
3/6/2013	0.009	0.956	1.63	0.0186	0.0297	0.0501	0	0.0105	0.0228	-0.0127	0.0147	0.0571
6/5/2013	-0.526	1.2	2.09	0.971	0.224	0.0775	0.0272	0.0386	0.0369	0.181	0.0918	0.0572
9/13/2013	1.97	1.29	2.07	1.36	0.376	0.234	0.0166	0.0551	0.13	0.268	0.169	0.177
12/5/2013	-0.178	1.28	2.18	0.785	0.2	0.0995	0.0213	0.0398	0.0745	0.131	0.0797	0.071
2/25/2014	1.05	1.29	2.11	0.996	0.178	0.0764	0.0586	0.0418	0.022	0.14	0.067	0.0711
5/27/2014	0.526	1.66	2.79	0.959	0.171	0.0508	0.0433	0.0356	0.0217	0.122	0.054	0.0174
9/4/2014	1.21	1.28	2.09	1.14	0.238	0.0313	0.026	0.0368	0.0389	0.302	0.115	0.0312

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

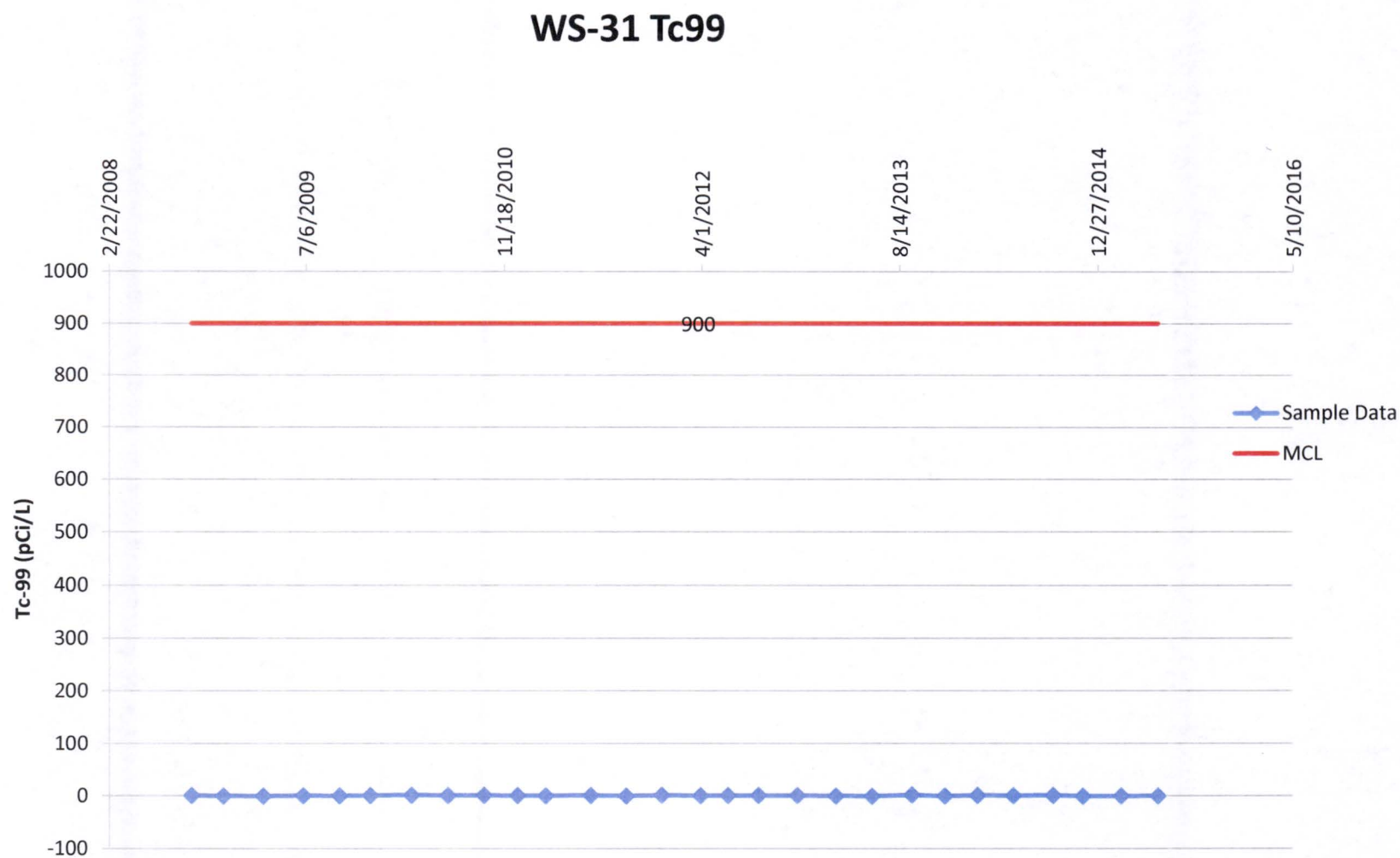
Well ID WS-31												
Sample Date	Technetium-99 (pCi/l)			Uranium-233/234 (pCi/l)			Uranium-235/236 (pCi/l)			Uranium-238 (pCi/l)		
	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL	Result	Error	MDL
11/18/2014	-0.465	1.33	2.27	0.955	0.154	0.0136	0	0.0159	0.0431	0.167	0.0581	0.0346
2/24/2015	-0.187	1.32	2.24	0.877	0.215	0.0974	0	0.0117	0.042	0.125	0.0796	0.0738
5/29/2015	0.0901	1.3	2.2	1.1	0.174	0.0342	0.00703	0.0198	0.0426	0.256	0.0735	0.0145

**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**



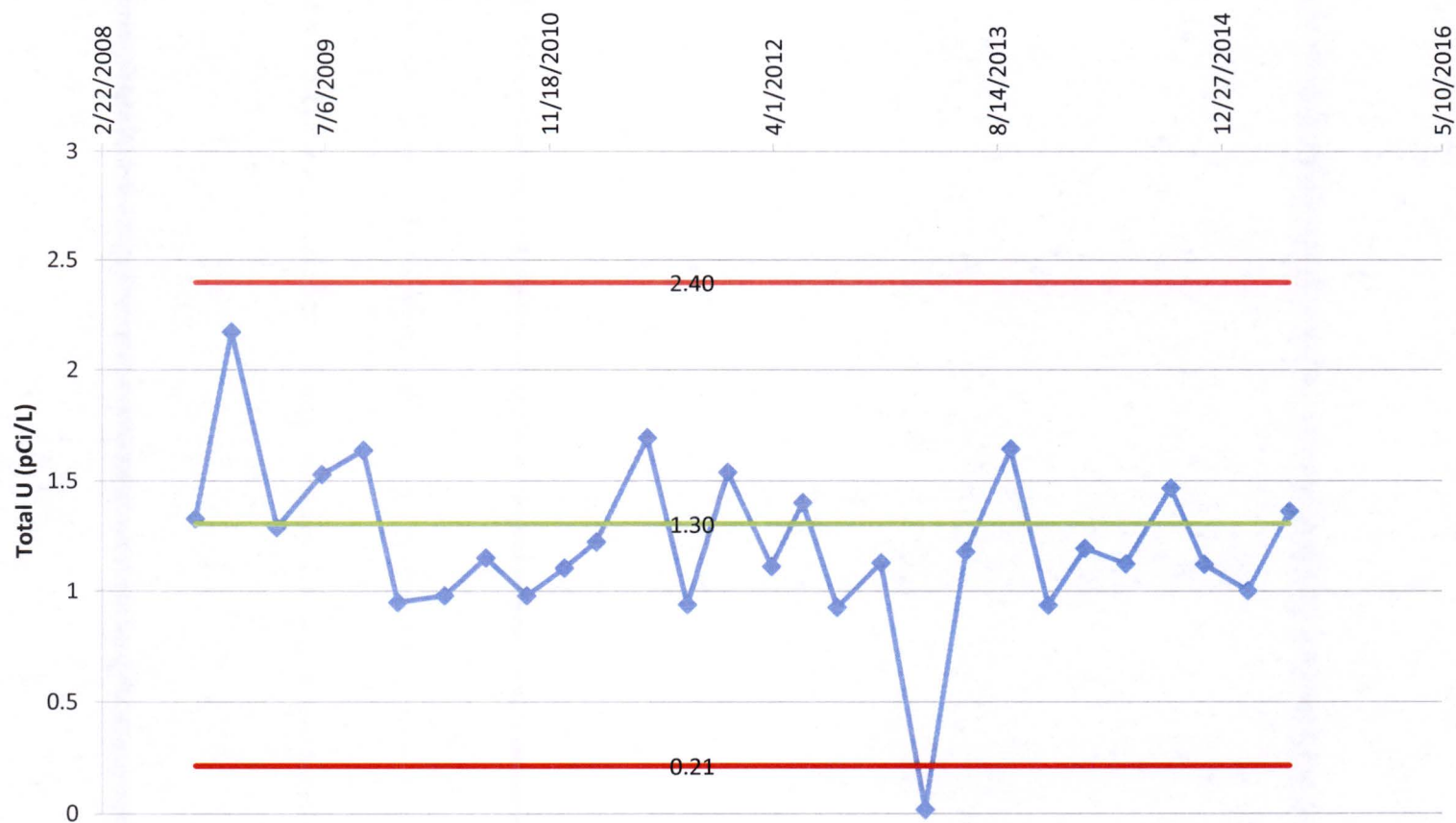


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

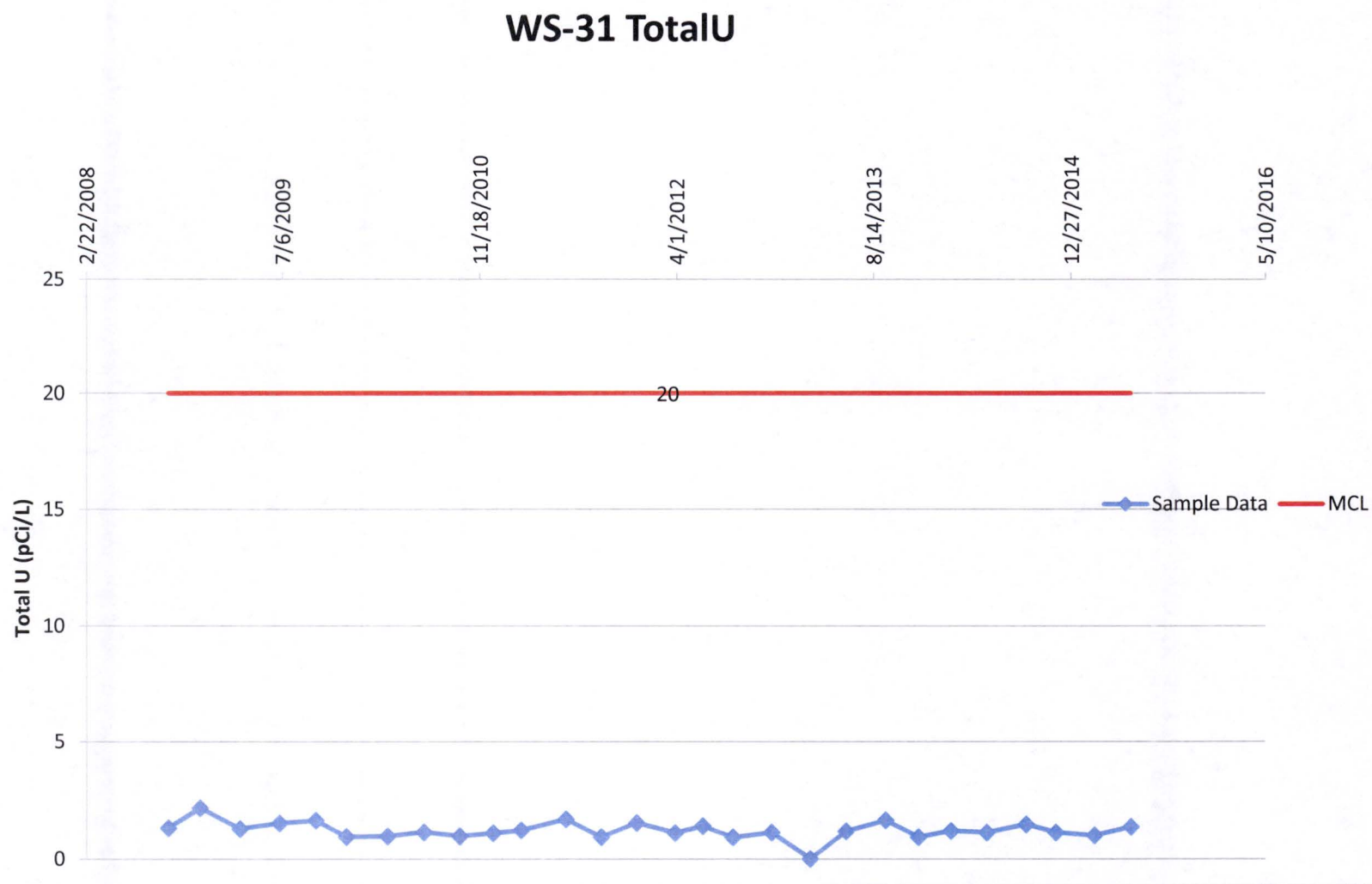


**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**

**WS-31 TotalU**



**Groundwater Monitoring Results  
Jefferson City Cotter and Roubidoux HSUs Data Set**





## Groundwater Monitoring Results

### Jefferson City Cotter and Roubidoux HSUs Data Set

[illegible]

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