



MARK B HORTON, MD, MSPH  
*Director*

ARNOLD SCHWARZENEGGER  
*Governor*

April 14, 2010

Marina West  
 General Manager  
 Bighorn Desert View Water Agency  
 622 Jemez Trail  
 Yucca Valley, CA 92284

Dear Ms. West:

**RADIOLOGICAL MONITORING RESULTS (SYSTEM NO. 3610009)**

The Department is in receipt of the most recent quarterly radiological sampling results from Bighorn Desert View Water Agency's (Agency) Well 2 and Well 3. The results, summarized in the table below, show the Agency's wells are near the maximum contaminant level (MCL) of 15 pCi/L for gross alpha and 20 pCi/L for uranium. This letter is to advise the Agency that should the MCL be exceeded and the Agency found in non-compliance with the Radionuclide Rule, the Agency will need to complete public notification and investigate treatment options.

**Table 1: Four Quarter Radiological Monitoring for Wells 2 and 3**

Date	Well 2 (pCi/L)		Well 3 (pCi/L)	
	Gross alpha	Uranium	Gross Alpha	Uranium
7/29/09	16	--	--	--
9/16/09	16	--	14	--
12/14/09	15	16	15	16
3/8/10	14	20	15	20
12 Month Average	15	Need 2 quarters	Need 1 quarter	Need 2 quarters

Note: Maximum contaminant level for gross alpha is 15 pCi/L and for uranium 20 pCi/L

Compliance for gross alpha and uranium is based on a four quarter average rounded to the nearest integer. As noted, the results are at or near the MCL but have not exceeded the MCL. Historical monitoring shows that Well 2 and 3 have had elevated levels of gross alpha and uranium but have not exceeded the MCL.

Wells 2 and 3 are located in the same lot and are near Well 4 which has historically also had elevated levels of gross alpha and uranium. Well 4 is currently due for radiological monitoring but has not been sampled due the motor blowing out early 2008. Based on

Marina West  
Page 2  
April 14, 2010

historical monitoring, blending with Well 4 may not be a treatment option. The Department recommends that the Agency begin considering long term solutions for treatment if the MCL is exceeded.

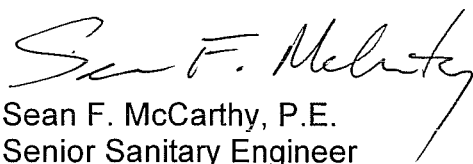
For sources that exceed an MCL, a Tier 2 public notice is required per Title 22, California Code of Regulations (CCR), Section 64463.4 (a)(1). This requires notification within 30 days of learning of a violation. As compliance is determined quarterly, this would require quarterly notification of an MCL exceedance.

Treatment options to be evaluated would need to provide complete treatment before delivery to the distribution system. Should the Agency exceed an MCL, the Department offers funding assistance for planning and for construction. More information is available at the Department website at the following address

<http://www.cdph.ca.gov/certlic/drinkingwater/Pages/DWPFunding.aspx>

Title 22, CCR, Section 64442 (g)(3) requires quarterly monitoring until four quarters do not exceed the MCL, at which point the monitoring frequency will be determined as noted in Title 22, CCR, Section 64442 (d)(4). Please keep the Department informed of the remaining quarterly monitoring results. If you have any questions regarding this letter, please contact Andrés Aguirre at (909) 383-4308 or by e-mail at [andres.aguirre@cdph.ca.gov](mailto:andres.aguirre@cdph.ca.gov)

Sincerely,



Sean F. McCarthy, P.E.  
Senior Sanitary Engineer  
San Bernardino District