



**Pacific Northwest
National Laboratory**

Operated by Battelle for the
U.S. Department of Energy

PNNL-15293 Erratum

September 30, 2005
Pacific Northwest National Laboratory
Richland, Washington

To Recipients of **PNNL-15293**:

Enclosed is a replacement for Table 3.1, "Maximum Observed Concentrations from Wells near the 618-11 Burial Ground," which was discovered to have several errors introduced when it was formatted for the report.

Please replace Table 3.1 in your copy of PNNL-15293, "**Evaluation of the Fate and Transport of Tritium Contaminated Groundwater from the 618-11 Burial Ground**," with this version.

We apologize for the error and the inconvenience.



Sheila Bennett
Editor

Table 3.1. Maximum Observed Concentrations from Wells near the 618-11 Burial Ground^(a,b,c,d,e)

Well Name	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004 ^(f)
Gross Beta (pCi/L; MCL = 50)											
699-12-2C									98	86	81
699-12-4D		9	11				9				
699-13-0A								30	12	12	11
699-13-1A		33	21				10	11			
699-13-1B		27	29				18				
699-13-1C							7	7		4	
699-13-1D								20			
699-13-1E									25	23	20
699-13-2C								33			
699-13-2D								25	41	37	31
699-13-3A		14	19	18	25	30	38	84	23	20	20
C3252								22			
C3255								26			
C3264							ND				
C3265							271				
ENW-MW-7							6				
ENW-MW-8							8				
ENW-MW-9							22				
ENW-MW-31							7				
ENW-MW-32							8				
Tritium (pCi/L; MCL = 20,000)											
699-12-2C									313,000	353,000	363,000
699-12-4D							2,220	2,010			1,870
699-13-0A								21,600	35,500	36,400	35,000
699-13-1A							23,300	16,400			
699-13-1B							32,400				
699-13-1C	770	ND					ND	25		32	
699-13-1D								116,000			
699-13-1E									123,000	184,000	168,000

Table 3.1 (contd)

Well Name	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004 ^(f)
Tritium (contd)											
699-13-2C								196,000			
699-13-2D								1,390,000	639,000	587,000	480,000
699-13-3A						1,860,000	8,380,000	5,290,000	4,230,000	3,620,000	2,320,000
699-14-E6S		ND									
C3252								2,770			
C3255								1,040			
C3264							6,510				
C3265							1,550,000				
ENW-MW-7							509				
ENW-MW-8							351				
ENW-MW-9							4,580				
ENW-MW-31							ND				
ENW-MW-32							ND				
Uranium (µg/L; MCL = 30)											
699-12-2C									10	11	10
699-12-4D		6	5				6				
699-13-0A									6	6	6
699-13-1A		6	5				4				
699-13-1B		8	10				10				
699-13-1E									8	9	9
699-13-2D									11	11	11
699-13-3A		8	10	9	9	12	11	11	10	10	9
ENW-MW-7							2				
ENW-MW-9							31				

Table 3.1 (contd)

Well Name	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004 ^(f)
Gross Alpha (pCi/L; MCL = 15)													
699-12-2C											6	8	9
699-12-4D				4	4				3				
699-13-0A										ND	7	6	3
699-13-1A				5	4				4	3			
699-13-1B				6	5				6				
699-13-1C									ND	ND		ND	
699-13-1D										ND			
699-13-1E											6	5	6
699-13-2C										ND			
699-13-2D										4	7	8	6
699-13-3A				5	8	5	8	5	9	2	5	8	15
C3252										10			
C3255										ND			
C3264									ND				
C3265									ND				
ENW-MW-7									ND				
ENW-MW-8									6				
ENW-MW-9									23				
ENW-MW-31									ND				
ENW-MW-32									2				
Nitrate (µg/L; MCL = 45)													
699-12-2C											88	134	80
699-12-4D				26	25				28	30			28
699-13-0A											17	20	18
699-13-1A				48	24				7	5			
699-13-1B				43	61				41				
699-13-1C	1		0	ND					0	ND		0	
699-13-1E											43	53	60
699-13-2D											54	66	271
699-13-3A				36	39				103		78	100	101

Table 3.1 (contd)

Well Name	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004 ^(f)
Nitrate (contd)													
C3264									35				
C3265									48				
ENW-MW-7									4				
ENW-MW-8									2				
ENW-MW-9									149				
ENW-MW-31									0				
ENW-MW-32									0				
Technetium (µg/L; MCL = 30)													
699-12-2C												319	
699-12-4D									ND				
699-13-0A										ND			
699-13-1A									30				
699-13-1B									28				
699-13-1C									ND				
699-13-1D										ND			
699-13-2C										9			
699-13-2D										10			
699-13-3A									124			12	26
C3252										ND			
C3255										ND			
C3264									ND				
C3265									332				
ENW-MW-7									ND				
ENW-MW-8									ND				
ENW-MW-9									ND				
ENW-MW-31									ND				
ENW-MW-32									ND				
(a) Maximum values for constituents at 618-11 Burial Ground wells.							(b) Monitored units were at the top of the unconfined aquifer.						
(c) Blanks indicate no results.							(d) Values in blue are below EPA drinking water standard.						
(e) ND indicates not detected.							(f) Partial year results for 2004.						