Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
3/31/2007	223,000 [A]	22.96 [A]
4/1/2007	131,000 [A]	16.28 [A]
4/2/2007	213,000 [A]	22.28 [A]
4/3/2007	186,000 [A]	20.58 [A]
4/4/2007	198,000 [A]	21.47 [A]
4/5/2007	188,000 [A]	20.76 [A]
4/6/2007	188,000 [A]	20.77 [A]
4/7/2007	154,000 [A]	18.47 [A]
4/8/2007	134,000 [A]	16.95 [A]
4/9/2007	153,000 [A]	18.35 [A]
4/10/2007	154,000 [A]	18.46 [A]
4/11/2007	138,000 [A]	17.24 [A]
4/12/2007	157,000 [A]	18.70 [A]
4/13/2007	153,000 [A]	18.35 [A]
4/14/2007	179,000 [A]	20.22 [A]
4/15/2007	163,000 [A]	19.08 [A]
4/16/2007	156,000 [A]	18.59 [A]
4/17/2007	158,000 [A]	18.72 [A]
4/18/2007	161,000 [A]	18.93 [A]
4/19/2007	169,000 [A]	19.48 [A]
4/20/2007	175,000 [A]	19.94 [A]
4/21/2007	161,000 [A]	18.95 [A]
4/22/2007	153,000 [A]	18.35 [A]
4/23/2007	154,000 [A]	18.41 [A]
4/24/2007	152,000 [A]	18.28 [A]
4/25/2007	167,000 [A]	19.34 [A]
4/26/2007	171,000 [A]	19.67 [A]
4/27/2007	164,000 [A]	19.18 [A]
4/28/2007	162,000 [A]	19.06 [A]
4/29/2007	152,000 [A]	18.30 [A]
4/30/2007	154,000 [A]	18.42 [A]
5/1/2007	158,000 [A]	18.73 [A]
5/2/2007	172,000 [A]	19.70 [A]
5/3/2007	159,000 [A]	18.82 [A]
5/4/2007	180,000 [A]	20.24 [A]
5/5/2007	194,000 [A]	21.16 [A]
5/6/2007	172,000 [A]	19.71 [A]
5/7/2007	175,000 [A]	19.88 [A]
5/8/2007	219,000 [A]	22.73 [A]
5/9/2007	197,000 [A]	21.35 [A]
5/10/2007	176,000 [A]	19.95 [A]
5/11/2007	168,000 [A]	19.43 [A]
5/12/2007	170,000 [A]	19.58 [A]
5/13/2007	169,000 [A]	19.55 [A]
5/14/2007	152,000 [A]	18.28 [A]
5/15/2007	160,000 [A]	18.86 [A]
5/16/2007	173,000 [A]	19.75 [A]
5/17/2007	175,000 [A]	19.92 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
5/18/2007	166,000 [A]	19.31 [A]
5/19/2007	161,000 [A]	18.95 [A]
5/20/2007	153,000 [A]	18.38 [A]
5/21/2007	161,000 [A]	18.94 [A]
5/22/2007	176,000 [A]	19.97 [A]
5/23/2007	173,000 [A]	19.81 [A]
5/24/2007	170,000 [A]	19.55 [A]
5/25/2007	185,000 [A]	20.63 [A]
5/26/2007	172,000 [A]	19.72 [A]
5/27/2007	181,000 [A]	20.33 [A]
5/28/2007	176,000 [A]	20.00 [A]
5/29/2007	175,000 [A]	19.90 [A]
5/30/2007	182,000 [A]	20.38 [A]
5/31/2007	174,000 [A]	19.87 [A]
6/1/2007	170,000 [A]	19.59 [A]
6/2/2007	165,000 [A]	19.25 [A]
6/3/2007	155,000 [A]	18.51 [A]
6/4/2007	149,000 [A]	18.12 [A]
6/5/2007	177,000 [A]	20.09 [A]
6/6/2007	168,000 [A]	19.46 [A]
6/7/2007	166,000 [A]	19.27 [A]
6/8/2007	201,000 [A]	21.58 [A]
6/9/2007	194,000 [A]	21.18 [A]
6/10/2007	180,000 [A]	20.26 [A]
6/11/2007	180,000 [A]	20.28 [A]
6/12/2007	189,000 [A]	20.84 [A]
6/13/2007	175,000 [A]	19.89 [A]
6/14/2007	171,000 [A]	19.64 [A]
6/15/2007	170,000 [A]	19.54 [A]
6/16/2007	187,000 [A]	20.73 [A]
6/17/2007	164,000 [A]	19.19 [A]
6/18/2007	152,000 [A]	18.31 [A]
6/19/2007	144,000 [A]	17.71 [A]
6/20/2007	160,000 [A]	18.89 [A]
6/21/2007	166,000 [A]	19.32 [A]
6/22/2007	172,000 [A]	19.67 [A]
6/23/2007	154,000 [A]	18.34 [A]
6/24/2007	135,000 [A]	16.93 [A]
6/25/2007	132,000 [A]	16.73 [A]
6/26/2007	137,000 [A]	17.06 [A]
6/27/2007	145,000 [A]	17.62 [A]
6/28/2007	135,000 [A]	16.92 [A]
6/29/2007	156,000 [A]	18.57 [A]
6/30/2007	136,000 [A]	17.05 [A]
7/1/2007	105,000 [A]	14.32 [A]
7/2/2007	137,000 [A]	17.11 [A]
7/3/2007	114,000 [A]	15.25 [A]
7/4/2007	112,000 [A]	14.96 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
7/5/2007	143,000 [A]	17.55 [A]
7/6/2007	148,000 [A]	17.89 [A]
7/7/2007	109,000 [A]	14.78 [A]
7/8/2007	120,000 [A]	15.76 [A]
7/9/2007	141,000 [A]	17.45 [A]
7/10/2007	137,000 [A]	17.16 [A]
7/11/2007	148,000 [A]	17.98 [A]
7/12/2007	158,000 [A]	18.74 [A]
7/13/2007	161,000 [A]	18.96 [A]
7/14/2007	174,000 [A]	19.84 [A]
7/15/2007	152,000 [A]	18.24 [A]
7/16/2007	154,000 [A]	18.39 [A]
7/17/2007	143,000 [A]	17.57 [A]
7/18/2007	143,000 [A]	17.57 [A]
7/19/2007	118,000 [A]	15.52 [A]
7/20/2007	135,000 [A]	16.95 [A]
7/21/2007	132,000 [A]	16.75 [A]
7/22/2007	142,000 [A]	17.58 [A]
7/23/2007	133,000 [A]	16.78 [A]
7/24/2007	123,000 [A]	15.96 [A]
7/25/2007	134,000 [A]	16.88 [A]
7/26/2007	162,000 [A]	18.99 [A]
7/27/2007	155,000 [A]	18.45 [A]
7/28/2007	128,000 [A]	16.45 [A]
7/29/2007	106,000 [A]	14.50 [A]
7/30/2007	138,000 [A]	17.18 [A]
7/31/2007	145,000 [A]	17.80 [A]
8/1/2007	155,000 [A]	18.50 [A]
8/2/2007	143,000 [A]	17.54 [A]
8/3/2007	109,000 [A]	14.63 [A]
8/4/2007	124,000 [A]	16.04 [A]
8/5/2007	91,900 [A]	12.93 [A]
8/6/2007	106,000 [A]	14.29 [A]
8/7/2007	108,000 [A]	14.63 [A]
8/8/2007	134,000 [A]	16.88 [A]
8/9/2007	127,000 [A]	16.25 [A]
8/10/2007	142,000 [A]	17.43 [A]
8/11/2007	104,000 [A]	14.01 [A]
8/12/2007	112,000 [A]	15.10 [A]
8/13/2007	141,000 [A]	17.41 [A]
8/14/2007	137,000 [A]	17.13 [A]
8/15/2007	139,000 [A]	17.28 [A]
8/16/2007	117,000 [A]	15.45 [A]
8/17/2007	95,900 [A]	13.45 [A]
8/18/2007	110,000 [A]	14.82 [A]
8/19/2007	74,400 [A]	11.32 [A]
8/20/2007	86,800 [A]	12.26 [A]
8/21/2007	108,000 [A]	14.43 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
8/22/2007	124,000 [A]	15.82 [A]
8/23/2007	126,000 [A]	16.18 [A]
8/24/2007	107,000 [A]	14.44 [A]
8/25/2007	91,000 [A]	12.99 [A]
8/26/2007	73,300 [A]	11.12 [A]
8/27/2007	111,000 [A]	14.48 [A]
8/28/2007	99,700 [A]	13.63 [A]
8/29/2007	96,000 [A]	13.38 [A]
8/30/2007	117,000 [A]	15.20 [A]
8/31/2007	126,000 [A]	16.18 [A]
9/1/2007	93,100 [A]	13.24 [A]
9/2/2007	74,300 [A]	11.21 [A]
9/3/2007	75,700 [A]	11.30 [A]
9/4/2007	100,000 [A]	13.97 [A]
9/5/2007	88,100 [A]	12.42 [A]
9/6/2007	67,500 [A]	10.40 [A]
9/7/2007	40,700 [A]	7.07 [A]
9/8/2007	40,500 [A]	7.04 [A]
9/9/2007	40,300 [A]	7.01 [A]
9/10/2007	68,000 [A]	10.55 [A]
9/11/2007	77,200 [A]	11.49 [A]
9/12/2007	59,200 [A]	9.54 [A]
9/13/2007	79,900 [A]	11.88 [A]
9/14/2007	70,500 [A]	10.74 [A]
9/15/2007	59,700 [A]	9.57 [A]
9/16/2007	47,800 [A]	8.01 [A]
9/17/2007	61,000 [A]	9.74 [A]
9/18/2007	71,800 [A]	10.93 [A]
9/19/2007	68,100 [A]	10.63 [A]
9/20/2007	67,100 [A]	10.34 [A]
9/21/2007	61,600 [A]	9.77 [A]
9/22/2007	42,400 [A]	7.31 [A]
9/23/2007	40,600 [A]	7.05 [A]
9/24/2007	48,900 [A]	8.17 [A]
9/25/2007	70,000 [A]	10.75 [A]
9/26/2007	69,100 [A]	10.42 [A]
9/27/2007	62,300 [A]	9.93 [A]
9/28/2007	61,700 [A]	9.74 [A]
9/29/2007	42,400 [A]	7.31 [A]
9/30/2007	40,700 [A]	7.06 [A]
10/1/2007	65,900 [A]	10.09 [A]
10/2/2007	66,600 [A]	10.37 [A]
10/3/2007	78,100 [A]	11.55 [A]
10/4/2007	82,500 [A]	12.24 [A]
10/5/2007	69,900 [A]	10.61 [A]
10/6/2007	51,200 [A]	8.47 [A]
10/7/2007	38,300 [A]	6.70 [A]
10/8/2007	61,100 [A]	9.61 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
10/9/2007	79,300 [A]	11.77 [A]
10/10/2007	74,100 [A]	11.17 [A]
10/11/2007	86,900 [A]	12.60 [A]
10/12/2007	70,900 [A]	10.80 [A]
10/13/2007	66,900 [A]	10.48 [A]
10/14/2007	49,500 [A]	8.22 [A]
10/15/2007	62,800 [A]	10.04 [A]
10/16/2007	64,500 [A]	10.26 [A]
10/17/2007	80,900 [A]	11.75 [A]
10/18/2007	72,400 [A]	11.05 [A]
10/19/2007	64,800 [A]	10.29 [A]
10/20/2007	63,500 [A]	10.13 [A]
10/21/2007	52,100 [A]	8.59 [A]
10/22/2007	64,600 [A]	10.27 [A]
10/23/2007	65,700 [A]	10.40 [A]
10/24/2007	65,800 [A]	10.41 [A]
10/25/2007	65,900 [A]	10.42 [A]
10/26/2007	63,700 [A]	10.15 [A]
10/27/2007	74,100 [A]	11.22 [A]
10/28/2007	60,600 [A]	9.69 [A]
10/29/2007	64,600 [A]	10.27 [A]
10/30/2007	65,200 [A]	10.33 [A]
10/31/2007	71,200 [A]	11.03 [A]
11/1/2007	69,800 [A]	10.86 [A]
11/2/2007	80,400 [A]	11.87 [A]
11/3/2007	65,200 [A]	10.27 [A]
11/4/2007	61,000 [A]	9.63 [A]
11/5/2007	69,700 [A]	10.84 [A]
11/6/2007	71,500 [A]	11.05 [A]
11/7/2007	68,200 [A]	10.67 [A]
11/8/2007	72,800 [A]	11.16 [A]
11/9/2007	59,800 [A]	9.67 [A]
11/10/2007	74,900 [A]	11.32 [A]
11/11/2007	82,800 [A]	12.11 [A]
11/12/2007	87,300 [A]	12.60 [A]
11/13/2007	109,000 [A]	14.34 [A]
11/14/2007	107,000 [A]	14.36 [A]
11/15/2007	113,000 [A]	14.84 [A]
11/16/2007	87,200 [A]	12.27 [A]
11/17/2007	60,900 [A]	9.80 [A]
11/18/2007	54,300 [A]	8.94 [A]
11/19/2007	73,800 [A]	11.26 [A]
11/20/2007	68,300 [A]	10.51 [A]
11/21/2007	81,300 [A]	12.04 [A]
11/22/2007	69,200 [A]	10.74 [A]
11/23/2007	71,200 [A]	10.85 [A]
11/24/2007	79,400 [A]	11.77 [A]
11/25/2007	81,500 [A]	12.03 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
11/26/2007	119,000 [A]	15.69 [A]
11/27/2007	111,000 [A]	14.89 [A]
11/28/2007	94,500 [A]	13.39 [A]
11/29/2007	96,400 [A]	13.45 [A]
11/30/2007	94,600 [A]	13.35 [A]
12/1/2007	96,200 [A]	13.48 [A]
12/2/2007	74,500 [A]	11.24 [A]
12/3/2007	69,200 [A]	10.79 [A]
12/4/2007	59,700 [A]	9.66 [A]
12/5/2007	55,100 [A]	9.01 [A]
12/6/2007	81,200 [A]	11.94 [A]
12/7/2007	86,900 [A]	12.22 [A]
12/8/2007	111,000 [A]	14.84 [A]
12/9/2007	74,400 [A]	11.14 [A]
12/10/2007	135,000 [A]	16.89 [A]
12/11/2007	102,000 [A]	14.08 [A]
12/12/2007	83,200 [A]	12.03 [A]
12/13/2007	97,800 [A]	13.59 [A]
12/14/2007	104,000 [A]	14.09 [A]
12/15/2007	78,700 [A]	11.58 [A]
12/16/2007	59,100 [A]	9.58 [A]
12/17/2007	65,500 [A]	10.34 [A]
12/18/2007	85,200 [A]	12.35 [A]
12/19/2007	121,000 [A]	15.75 [A]
12/20/2007	110,000 [A]	14.76 [A]
12/21/2007	124,000 [A]	15.88 [A]
12/22/2007	97,900 [A]	13.78 [A]
12/23/2007	88,600 [A]	12.77 [A]
12/24/2007	81,200 [A]	12.13 [A]
12/25/2007	78,700 [A]	11.84 [A]
12/26/2007	97,700 [A]	13.67 [A]
12/27/2007	134,000 [A]	16.86 [A]
12/28/2007	129,000 [A]	16.42 [A]
12/29/2007	89,900 [A]	12.82 [A]
12/30/2007	66,900 [A]	10.51 [A]
12/31/2007	95,200 [A]	13.39 [A]
1/1/2008	96,100 [A]	13.55 [A]
1/2/2008	99,300 [A]	13.89 [A]
1/3/2008	125,000 [A]	16.15 [A]
1/4/2008	129,000 [A]	16.47 [A]
1/5/2008	103,000 [A]	14.06 [A]
1/6/2008	86,500 [A]	12.60 [A]
1/7/2008	130,000 [A]	16.56 [A]
1/8/2008	132,000 [A]	16.69 [A]
1/9/2008	120,000 [A]	15.64 [A]
1/10/2008	124,000 [A]	16.05 [A]
1/11/2008	94,900 [A]	13.11 [A]
1/12/2008	87,700 [A]	12.57 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
1/13/2008	69,800 [A]	10.77 [A]
1/14/2008	96,400 [A]	13.60 [A]
1/15/2008	118,000 [A]	15.27 [A]
1/16/2008	135,000 [A]	17.01 [A]
1/17/2008	110,000 [A]	14.91 [A]
1/18/2008	122,000 [A]	15.84 [A]
1/19/2008	105,000 [A]	14.20 [A]
1/20/2008	63,700 [A]	10.14 [A]
1/21/2008	106,000 [A]	14.30 [A]
1/22/2008	146,000 [A]	17.84 [A]
1/23/2008	128,000 [A]	16.29 [A]
1/24/2008	124,000 [A]	15.97 [A]
1/25/2008	124,000 [A]	15.93 [A]
1/26/2008	112,000 [A]	14.74 [A]
1/27/2008	101,000 [A]	13.92 [A]
1/28/2008	94,500 [A]	13.41 [A]
1/29/2008	100,000 [A]	13.79 [A]
1/30/2008	96,800 [A]	13.60 [A]
1/31/2008	85,800 [A]	12.54 [A]
2/1/2008	76,400 [A]	11.51 [A]
2/2/2008	126,000 [A]	16.07 [A]
2/3/2008	85,900 [A]	12.41 [A]
2/4/2008	93,000 [A]	13.00 [A]
2/5/2008	92,900 [A]	13.21 [A]
2/6/2008	99,700 [A]	13.94 [A]
2/7/2008	95,600 [A]	13.38 [A]
2/8/2008	101,000 [A]	13.83 [A]
2/9/2008	84,100 [A]	12.21 [A]
2/10/2008	59,100 [A]	9.58 [A]
2/11/2008	87,700 [A]	12.46 [A]
2/12/2008	103,000 [A]	14.11 [A]
2/13/2008	96,100 [A]	13.36 [A]
2/14/2008	108,000 [A]	14.49 [A]
2/15/2008	107,000 [A]	14.63 [A]
2/16/2008	97,100 [A]	13.57 [A]
2/17/2008	75,900 [A]	11.58 [A]
2/18/2008	109,000 [A]	14.69 [A]
2/19/2008	113,000 [A]	15.14 [A]
2/20/2008	90,000 [A]	12.98 [A]
2/21/2008	104,000 [A]	14.25 [A]
2/22/2008	92,500 [A]	13.11 [A]
2/23/2008	78,500 [A]	11.78 [A]
2/24/2008	70,300 [A]	10.95 [A]
2/25/2008	88,000 [A]	12.64 [A]
2/26/2008	97,000 [A]	13.53 [A]
2/27/2008	95,200 [A]	13.41 [A]
2/28/2008	62,700 [A]	10.03 [A]
2/29/2008	64,900 [A]	10.23 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
3/1/2008	59,100 [A]	9.58 [A]
3/2/2008	71,200 [A]	11.02 [A]
3/3/2008	86,200 [A]	12.58 [A]
3/4/2008	106,000 [A]	14.29 [A]
3/5/2008	101,000 [A]	14.02 [A]
3/6/2008	98,000 [A]	13.75 [A]
3/7/2008	95,500 [A]	13.21 [A]
3/8/2008	64,700 [A]	10.23 [A]
3/9/2008	67,700 [A]	10.63 [A]
3/10/2008	82,000 [A]	12.10 [A]
3/11/2008	79,100 [A]	11.77 [A]
3/12/2008	75,000 [A]	11.36 [A]
3/13/2008	86,400 [A]	12.61 [A]
3/14/2008	82,800 [A]	12.27 [A]
3/15/2008	86,400 [A]	12.57 [A]
3/16/2008	79,000 [A]	11.81 [A]
3/17/2008	72,000 [A]	11.05 [A]
3/18/2008	90,800 [A]	13.10 [A]
3/19/2008	80,300 [A]	11.96 [A]
3/20/2008	87,400 [A]	12.67 [A]
3/21/2008	86,900 [A]	12.56 [A]
3/22/2008	81,500 [A]	11.94 [A]
3/23/2008	59,600 [A]	9.64 [A]
3/24/2008	75,000 [A]	11.39 [A]
3/25/2008	112,000 [A]	15.03 [A]
3/26/2008	98,500 [A]	13.81 [A]
3/27/2008	109,000 [A]	14.81 [A]
3/28/2008	94,000 [A]	13.12 [A]
3/29/2008	57,400 [A]	9.36 [A]
3/30/2008	68,100 [A]	10.70 [A]
3/31/2008	102,000 [A]	14.23 [A]
4/1/2008	87,800 [A]	12.88 [A]
4/2/2008	77,500 [A]	11.80 [A]
4/3/2008	78,600 [A]	11.92 [A]
4/4/2008	80,900 [A]	12.14 [A]
4/5/2008	99,800 [A]	14.04 [A]
4/6/2008	74,600 [A]	11.37 [A]
4/7/2008	64,900 [A]	10.28 [A]
4/8/2008	73,800 [A]	11.31 [A]
4/9/2008	57,600 [A]	9.38 [A]
4/10/2008	62,500 [A]	10.01 [A]
4/11/2008	99,800 [A]	13.99 [A]
4/12/2008	86,100 [A]	12.70 [A]
4/13/2008	70,000 [A]	10.94 [A]
4/14/2008	71,500 [A]	11.10 [A]
4/15/2008	94,800 [A]	13.56 [A]
4/16/2008	88,400 [A]	12.92 [A]
4/17/2008	77,100 [A]	11.74 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
4/18/2008	68,800 [A]	10.79 [A]
4/19/2008	77,200 [A]	11.75 [A]
4/20/2008	70,800 [A]	11.02 [A]
4/21/2008	82,800 [A]	12.34 [A]
4/22/2008	115,000 [A]	15.34 [A]
4/23/2008	109,000 [A]	14.89 [A]
4/24/2008	121,000 [A]	15.92 [A]
4/25/2008	146,000 [A]	17.85 [A]
4/26/2008	121,000 [A]	15.91 [A]
4/27/2008	116,000 [A]	15.51 [A]
4/28/2008	119,000 [A]	15.73 [A]
4/29/2008	118,000 [A]	15.64 [A]
4/30/2008	107,000 [A]	14.66 [A]
5/1/2008	115,000 [A]	15.40 [A]
5/2/2008	106,000 [A]	14.61 [A]
5/3/2008	97,800 [A]	13.86 [A]
5/4/2008	97,700 [A]	13.85 [A]
5/5/2008	94,000 [A]	13.48 [A]
5/6/2008	94,800 [A]	13.55 [A]
5/7/2008	129,000 [A]	16.50 [A]
5/8/2008	143,000 [A]	17.62 [A]
5/9/2008	147,000 [A]	17.95 [A]
5/10/2008	150,000 [A]	18.18 [A]
5/11/2008	147,000 [A]	17.97 [A]
5/12/2008	159,000 [A]	18.81 [A]
5/13/2008	159,000 [A]	18.79 [A]
5/14/2008	178,000 [A]	20.10 [A]
5/15/2008	152,000 [A]	18.31 [A]
5/16/2008	128,000 [A]	16.40 [A]
5/17/2008	144,000 [A]	17.68 [A]
5/18/2008	164,000 [A]	19.13 [A]
5/19/2008	181,000 [A]	20.31 [A]
5/20/2008	183,000 [A]	20.44 [A]
5/21/2008	173,000 [A]	19.78 [A]
5/22/2008	177,000 [A]	20.03 [A]
5/23/2008	188,000 [A]	20.81 [A]
5/24/2008	265,000 [A]	25.32 [A]
5/25/2008	241,000 [A]	24.00 [A]
5/26/2008	251,000 [A]	24.57 [A]
5/27/2008	249,000 [A]	24.46 [A]
5/28/2008	249,000 [A]	24.46 [A]
5/29/2008	233,000 [A]	23.54 [A]
5/30/2008	241,000 [A]	24.02 [A]
5/31/2008	233,000 [A]	23.53 [A]
6/1/2008	220,000 [A]	22.76 [A]
6/2/2008	211,000 [A]	22.18 [A]
6/3/2008	264,000 [A]	25.27 [A]
6/4/2008	262,000 [A]	25.20 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
6/5/2008	229,000 [A]	23.27 [A]
6/6/2008	224,000 [A]	23.00 [A]
6/7/2008	217,000 [A]	22.58 [A]
6/8/2008	213,000 [A]	22.31 [A]
6/9/2008	219,000 [A]	22.71 [A]
6/10/2008	259,000 [A]	25.06 [A]
6/11/2008	256,000 [A]	24.85 [A]
6/12/2008	237,000 [A]	23.79 [A]
6/13/2008	234,000 [A]	23.59 [A]
6/14/2008	193,000 [A]	21.13 [A]
6/15/2008	181,000 [A]	20.36 [A]
6/16/2008	227,000 [A]	23.19 [A]
6/17/2008	223,000 [A]	22.98 [A]
6/18/2008	229,000 [A]	23.34 [A]
6/19/2008	222,000 [A]	22.89 [A]
6/20/2008	208,000 [A]	22.06 [A]
6/21/2008	197,000 [A]	21.37 [A]
6/22/2008	153,000 [A]	18.31 [A]
6/23/2008	181,000 [A]	20.30 [A]
6/24/2008	200,000 [A]	21.59 [A]
6/25/2008	210,000 [A]	22.17 [A]
6/26/2008	237,000 [A]	23.80 [A]
6/27/2008	246,000 [A]	24.31 [A]
6/28/2008	226,000 [A]	23.15 [A]
6/29/2008	205,000 [A]	21.86 [A]
6/30/2008	211,000 [A]	22.21 [A]
7/1/2008	209,000 [A]	22.05 [A]
7/2/2008	208,000 [A]	22.00 [A]
7/3/2008	195,000 [A]	21.23 [A]
7/4/2008	180,000 [A]	20.23 [A]
7/5/2008	178,000 [A]	20.07 [A]
7/6/2008	172,000 [A]	19.68 [A]
7/7/2008	187,000 [A]	20.72 [A]
7/8/2008	192,000 [A]	21.05 [A]
7/9/2008	186,000 [A]	20.66 [A]
7/10/2008	162,000 [A]	18.96 [A]
7/11/2008	164,000 [A]	19.14 [A]
7/12/2008	150,000 [A]	18.09 [A]
7/13/2008	150,000 [A]	18.00 [A]
7/14/2008	137,000 [A]	17.01 [A]
7/15/2008	112,000 [A]	14.97 [A]
7/16/2008	130,000 [A]	16.62 [A]
7/17/2008	101,000 [A]	14.02 [A]
7/18/2008	120,000 [A]	15.81 [A]
7/19/2008	129,000 [A]	16.34 [A]
7/20/2008	121,000 [A]	15.80 [A]
7/21/2008	107,000 [A]	14.58 [A]
7/22/2008	97,100 [A]	13.65 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
7/23/2008	103,000 [A]	14.16 [A]
7/24/2008	124,000 [A]	16.00 [A]
7/25/2008	143,000 [A]	17.61 [A]
7/26/2008	133,000 [A]	16.82 [A]
7/27/2008	92,900 [A]	13.22 [A]
7/28/2008	105,000 [A]	14.34 [A]
7/29/2008	108,000 [A]	14.20 [A]
7/30/2008	125,000 [A]	16.22 [A]
7/31/2008	114,000 [A]	15.16 [A]
8/1/2008	84,900 [A]	12.31 [A]
8/2/2008	72,600 [A]	10.84 [A]
8/3/2008	82,100 [A]	11.73 [A]
8/4/2008	105,000 [A]	14.07 [A]
8/5/2008	82,200 [A]	12.05 [A]
8/6/2008	88,900 [A]	12.61 [A]
8/7/2008	102,000 [A]	14.08 [A]
8/8/2008	59,600 [A]	9.63 [A]
8/9/2008	65,900 [A]	10.33 [A]
8/10/2008	96,100 [A]	13.46 [A]
8/11/2008	100,000 [A]	13.98 [A]
8/12/2008	92,500 [A]	12.96 [A]
8/13/2008	87,200 [A]	12.71 [A]
8/14/2008	88,800 [A]	12.77 [A]
8/15/2008	86,100 [A]	12.55 [A]
8/16/2008	90,000 [A]	12.94 [A]
8/17/2008	90,600 [A]	13.03 [A]
8/18/2008	71,800 [A]	10.84 [A]
8/19/2008	59,700 [A]	9.17 [A]
8/20/2008	74,200 [A]	11.16 [A]
8/21/2008	81,900 [A]	12.11 [A]
8/22/2008	108,000 [A]	14.59 [A]
8/23/2008	96,100 [A]	13.43 [A]
8/24/2008	102,000 [A]	14.17 [A]
8/25/2008	98,800 [A]	13.65 [A]
8/26/2008	72,100 [A]	11.12 [A]
8/27/2008	73,700 [A]	11.26 [A]
8/28/2008	93,900 [A]	13.26 [A]
8/29/2008	105,000 [A]	14.39 [A]
8/30/2008	89,700 [A]	12.83 [A]
8/31/2008	57,200 [A]	9.25 [A]
9/1/2008	85,600 [A]	12.37 [A]
9/2/2008	85,400 [A]	12.41 [A]
9/3/2008	77,500 [A]	11.58 [A]
9/4/2008	73,400 [A]	11.17 [A]
9/5/2008	71,100 [A]	10.75 [A]
9/6/2008	48,100 [A]	8.06 [A]
9/7/2008	43,200 [A]	7.40 [A]
9/8/2008	65,900 [A]	10.23 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
9/9/2008	68,000 [A]	10.50 [A]
9/10/2008	63,400 [A]	9.82 [A]
9/11/2008	51,000 [A]	8.43 [A]
9/12/2008	63,400 [A]	10.01 [A]
9/13/2008	53,300 [A]	8.78 [A]
9/14/2008	50,600 [A]	8.34 [A]
9/15/2008	59,000 [A]	9.50 [A]
9/16/2008	94,600 [A]	13.47 [A]
9/17/2008	63,700 [A]	10.00 [A]
9/18/2008	57,400 [A]	9.29 [A]
9/19/2008	46,100 [A]	7.82 [A]
9/20/2008	50,800 [A]	8.45 [A]
9/21/2008	37,200 [A]	6.53 [A]
9/22/2008	51,300 [A]	8.33 [A]
9/23/2008	77,600 [A]	11.61 [A]
9/24/2008	67,700 [A]	10.29 [A]
9/25/2008	63,800 [A]	9.89 [A]
9/26/2008	71,600 [A]	11.06 [A]
9/27/2008	45,300 [A]	7.69 [A]
9/28/2008	37,600 [A]	6.59 [A]
9/29/2008	66,800 [A]	10.09 [A]
9/30/2008	45,000 [A]	7.63 [A]
10/1/2008	61,600 [A]	9.64 [A]
10/2/2008	68,000 [A]	10.21 [A]
10/3/2008	48,600 [A]	8.08 [A]
10/4/2008	38,900 [A]	6.78 [A]
10/5/2008	41,800 [A]	7.21 [A]
10/6/2008	55,700 [A]	9.01 [A]
10/7/2008	55,500 [A]	9.06 [A]
10/8/2008	65,700 [A]	10.25 [A]
10/9/2008	68,600 [A]	10.59 [A]
10/10/2008	63,600 [A]	9.85 [A]
10/11/2008	55,000 [A]	8.92 [A]
10/12/2008	42,000 [A]	7.25 [A]
10/13/2008	69,700 [A]	10.64 [A]
10/14/2008	86,600 [A]	12.39 [A]
10/15/2008	68,700 [A]	10.66 [A]
10/16/2008	88,300 [A]	12.72 [A]
10/17/2008	97,500 [A]	13.51 [A]
10/18/2008	64,100 [A]	10.03 [A]
10/19/2008	45,200 [A]	7.67 [A]
10/20/2008	70,900 [A]	10.84 [A]
10/21/2008	73,200 [A]	11.08 [A]
10/22/2008	78,400 [A]	11.68 [A]
10/23/2008	67,400 [A]	10.58 [A]
10/24/2008	75,600 [A]	11.47 [A]
10/25/2008	56,100 [A]	9.18 [A]
10/26/2008	53,700 [A]	8.85 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
10/27/2008	69,700 [A]	10.83 [A]
10/28/2008	69,600 [A]	10.82 [A]
10/29/2008	75,700 [A]	11.50 [A]
10/30/2008	84,400 [A]	12.38 [A]
10/31/2008	68,800 [A]	10.70 [A]
11/1/2008	63,400 [A]	10.10 [A]
11/2/2008	63,600 [A]	9.87 [A]
11/3/2008	72,100 [A]	11.03 [A]
11/4/2008	76,000 [A]	11.41 [A]
11/5/2008	92,200 [A]	13.00 [A]
11/6/2008	66,600 [A]	10.37 [A]
11/7/2008	77,900 [A]	11.57 [A]
11/8/2008	83,900 [A]	12.08 [A]
11/9/2008	73,600 [A]	11.19 [A]
11/10/2008	83,400 [A]	12.15 [A]
11/11/2008	82,900 [A]	12.14 [A]
11/12/2008	96,100 [A]	13.37 [A]
11/13/2008	114,000 [A]	14.76 [A]
11/14/2008	75,500 [A]	11.07 [A]
11/15/2008	57,000 [A]	9.17 [A]
11/16/2008	53,200 [A]	8.78 [A]
11/17/2008	68,400 [A]	10.58 [A]
11/18/2008	66,000 [A]	10.38 [A]
11/19/2008	99,600 [A]	13.60 [A]
11/20/2008	102,000 [A]	13.76 [A]
11/21/2008	92,000 [A]	12.94 [A]
11/22/2008	75,100 [A]	11.40 [A]
11/23/2008	79,800 [A]	11.37 [A]
11/24/2008	85,100 [A]	12.30 [A]
11/25/2008	114,000 [A]	15.10 [A]
11/26/2008	107,000 [A]	14.51 [A]
11/27/2008	89,700 [A]	12.96 [A]
11/28/2008	85,200 [A]	12.47 [A]
11/29/2008	68,500 [A]	10.72 [A]
11/30/2008	71,700 [A]	10.71 [A]
12/1/2008	112,000 [A]	14.90 [A]
12/2/2008	74,800 [A]	11.44 [A]
12/3/2008	119,000 [A]	15.63 [A]
12/4/2008	120,000 [A]	15.69 [A]
12/5/2008	120,000 [A]	15.58 [A]
12/6/2008	84,700 [A]	12.49 [A]
12/7/2008	64,700 [A]	10.29 [A]
12/8/2008	79,900 [A]	11.88 [A]
12/9/2008	98,500 [A]	13.79 [A]
12/10/2008	74,300 [A]	11.30 [A]
12/11/2008	107,000 [A]	14.35 [A]
12/12/2008	86,100 [A]	12.62 [A]
12/13/2008	71,500 [A]	11.03 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
12/14/2008	126,000 [A]	16.17 [A]
12/15/2008	96,600 [A]	13.53 [A]
12/16/2008	103,000 [A]	14.17 [A]
12/17/2008	104,000 [A]	14.18 [A]
12/18/2008	123,000 [A]	15.96 [A]
12/19/2008	130,000 [A]	16.46 [A]
12/20/2008	111,000 [A]	14.85 [A]
12/21/2008	102,000 [A]	13.87 [A]
12/22/2008	99,700 [A]	13.77 [A]
12/23/2008	141,000 [A]	17.39 [A]
12/24/2008	101,000 [A]	13.91 [A]
12/25/2008	94,400 [A]	13.40 [A]
12/26/2008	98,200 [A]	13.85 [A]
12/27/2008	85,900 [A]	12.50 [A]
12/28/2008	86,700 [A]	12.65 [A]
12/29/2008	103,000 [A]	14.01 [A]
12/30/2008	112,000 [A]	15.04 [A]
12/31/2008	77,100 [A]	11.58 [A]
1/1/2009	73,700 [A]	11.32 [A]
1/2/2009	65,700 [A]	10.41 [A]
1/3/2009	116,000 [A]	15.43 [A]
1/4/2009	95,700 [A]	13.41 [A]
1/5/2009	138,000 [A]	17.16 [A]
1/6/2009	113,000 [A]	15.02 [A]
1/7/2009	102,000 [A]	14.10 [A]
1/8/2009	89,300 [A]	12.89 [A]
1/9/2009	96,200 [A]	13.39 [A]
1/10/2009	98,400 [A]	13.82 [A]
1/11/2009	65,700 [A]	10.42 [A]
1/12/2009	100,000 [A]	13.92 [A]
1/13/2009	107,000 [A]	14.47 [A]
1/14/2009	123,000 [A]	15.87 [A]
1/15/2009	131,000 [A]	16.52 [A]
1/16/2009	142,000 [A]	17.43 [A]
1/17/2009	138,000 [A]	17.21 [A]
1/18/2009	124,000 [A]	15.97 [A]
1/19/2009	115,000 [A]	15.25 [A]
1/20/2009	141,000 [A]	17.41 [A]
1/21/2009	127,000 [A]	16.24 [A]
1/22/2009	126,000 [A]	16.21 [A]
1/23/2009	137,000 [A]	17.14 [A]
1/24/2009	105,000 [A]	14.41 [A]
1/25/2009	98,200 [A]	13.82 [A]
1/26/2009	148,000 [A]	17.93 [A]
1/27/2009	131,000 [A]	16.58 [A]
1/28/2009	125,000 [A]	16.03 [A]
1/29/2009	128,000 [A]	16.37 [A]
1/30/2009	119,000 [A]	15.66 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
1/31/2009	107,000 [A]	14.52 [A]
2/1/2009	88,400 [A]	12.73 [A]
2/2/2009	70,900 [A]	11.00 [A]
2/3/2009	98,200 [A]	13.76 [A]
2/4/2009	104,000 [A]	14.35 [A]
2/5/2009	77,100 [A]	11.63 [A]
2/6/2009	70,400 [A]	10.97 [A]
2/7/2009	64,500 [A]	10.27 [A]
2/8/2009	68,400 [A]	10.67 [A]
2/9/2009	91,500 [A]	13.09 [A]
2/10/2009	110,000 [A]	14.72 [A]
2/11/2009	131,000 [A]	16.62 [A]
2/12/2009	105,000 [A]	14.28 [A]
2/13/2009	78,300 [A]	11.74 [A]
2/14/2009	82,500 [A]	12.21 [A]
2/15/2009	66,800 [A]	10.55 [A]
2/16/2009	69,900 [A]	10.91 [A]
2/17/2009	69,300 [A]	10.84 [A]
2/18/2009	70,500 [A]	10.96 [A]
2/19/2009	81,000 [A]	12.03 [A]
2/20/2009	84,900 [A]	12.49 [A]
2/21/2009	107,000 [A]	14.56 [A]
2/22/2009	74,000 [A]	11.32 [A]
2/23/2009	93,200 [A]	13.24 [A]
2/24/2009	91,600 [A]	13.00 [A]
2/25/2009	90,200 [A]	13.04 [A]
2/26/2009	103,000 [A]	14.14 [A]
2/27/2009	82,200 [A]	12.14 [A]
2/28/2009	64,000 [A]	10.20 [A]
3/1/2009	63,500 [A]	10.14 [A]
3/2/2009	63,400 [A]	10.13 [A]
3/3/2009	62,700 [A]	10.04 [A]
3/4/2009	62,600 [A]	10.03 [A]
3/5/2009	62,500 [A]	10.02 [A]
3/6/2009	67,000 [A]	10.55 [A]
3/7/2009	62,900 [A]	10.07 [A]
3/8/2009	62,100 [A]	9.97 [A]
3/9/2009	63,300 [A]	10.12 [A]
3/10/2009	62,900 [A]	10.07 [A]
3/11/2009	69,000 [A]	10.76 [A]
3/12/2009	68,700 [A]	10.77 [A]
3/13/2009	62,300 [A]	9.99 [A]
3/14/2009	62,000 [A]	9.96 [A]
3/15/2009	62,100 [A]	9.96 [A]
3/16/2009	64,500 [A]	10.26 [A]
3/17/2009	86,200 [A]	12.57 [A]
3/18/2009	92,300 [A]	13.20 [A]
3/19/2009	80,900 [A]	11.96 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
3/20/2009	62,800 [A]	10.05 [A]
3/21/2009	62,300 [A]	9.99 [A]
3/22/2009	61,700 [A]	9.92 [A]
3/23/2009	63,700 [A]	10.16 [A]
3/24/2009	63,400 [A]	10.12 [A]
3/25/2009	70,400 [A]	10.84 [A]
3/26/2009	96,900 [A]	13.67 [A]
3/27/2009	84,200 [A]	12.42 [A]
3/28/2009	113,000 [A]	15.07 [A]
3/29/2009	85,400 [A]	12.57 [A]
3/30/2009	92,800 [A]	13.27 [A]
3/31/2009	90,600 [A]	12.88 [A]
4/1/2009	111,000 [A]	14.93 [A]
4/2/2009	66,000 [A]	10.45 [A]
4/3/2009	63,800 [A]	10.18 [A]
4/4/2009	63,400 [A]	10.12 [A]
4/5/2009	61,600 [A]	9.90 [A]
4/6/2009	61,600 [A]	9.90 [A]
4/7/2009	62,800 [A]	10.05 [A]
4/8/2009	65,000 [A]	10.32 [A]
4/9/2009	73,200 [A]	11.29 [A]
4/10/2009	104,000 [A]	14.41 [A]
4/11/2009	110,000 [A]	14.94 [A]
4/12/2009	103,000 [A]	14.30 [A]
4/13/2009	118,000 [A]	15.65 [A]
4/14/2009	108,000 [A]	14.54 [A]
4/15/2009	139,000 [A]	17.33 [A]
4/16/2009	129,000 [A]	16.53 [A]
4/17/2009	138,000 [A]	17.26 [A]
4/18/2009	134,000 [A]	16.95 [A]
4/19/2009	133,000 [A]	16.88 [A]
4/20/2009	123,000 [A]	16.07 [A]
4/21/2009	124,000 [A]	16.15 [A]
4/22/2009	127,000 [A]	16.43 [A]
4/23/2009	137,000 [A]	17.13 [A]
4/24/2009	162,000 [A]	18.96 [A]
4/25/2009	142,000 [A]	17.58 [A]
4/26/2009	141,000 [A]	17.50 [A]
4/27/2009	144,000 [A]	17.67 [A]
4/28/2009	159,000 [A]	18.79 [A]
4/29/2009	150,000 [A]	18.14 [A]
4/30/2009	137,000 [A]	17.17 [A]
5/1/2009	139,000 [A]	17.34 [A]
5/2/2009	116,000 [A]	15.51 [A]
5/3/2009	108,000 [A]	14.73 [A]
5/4/2009	81,100 [A]	12.12 [A]
5/5/2009	106,000 [A]	14.63 [A]
5/6/2009	107,000 [A]	14.67 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
5/7/2009	66,800 [A]	10.54 [A]
5/8/2009	95,200 [A]	13.56 [A]
5/9/2009	122,000 [A]	15.93 [A]
5/10/2009	119,000 [A]	15.74 [A]
5/11/2009	124,000 [A]	16.12 [A]
5/12/2009	130,000 [A]	16.60 [A]
5/13/2009	141,000 [A]	17.44 [A]
5/14/2009	129,000 [A]	16.52 [A]
5/15/2009	125,000 [A]	16.23 [A]
5/16/2009	126,000 [A]	16.26 [A]
5/17/2009	112,000 [A]	15.11 [A]
5/18/2009	128,000 [A]	16.41 [A]
5/19/2009	119,000 [A]	15.68 [A]
5/20/2009	127,000 [A]	16.42 [A]
5/21/2009	132,000 [A]	16.79 [A]
5/22/2009	125,000 [A]	16.25 [A]
5/23/2009	140,000 [A]	17.37 [A]
5/24/2009	144,000 [A]	17.73 [A]
5/25/2009	141,000 [A]	17.51 [A]
5/26/2009	140,000 [A]	17.41 [A]
5/27/2009	165,000 [A]	19.22 [A]
5/28/2009	180,000 [A]	20.24 [A]
5/29/2009	172,000 [A]	19.68 [A]
5/30/2009	161,000 [A]	18.97 [A]
5/31/2009	153,000 [A]	18.36 [A]
6/1/2009	165,000 [A]	19.25 [A]
6/2/2009	148,000 [A]	18.01 [A]
6/3/2009	189,000 [A]	20.86 [A]
6/4/2009	189,000 [A]	20.82 [A]
6/5/2009	182,000 [A]	20.33 [A]
6/6/2009	173,000 [A]	19.75 [A]
6/7/2009	162,000 [A]	19.02 [A]
6/8/2009	181,000 [A]	20.33 [A]
6/9/2009	183,000 [A]	20.44 [A]
6/10/2009	175,000 [A]	19.89 [A]
6/11/2009	161,000 [A]	18.95 [A]
6/12/2009	156,000 [A]	18.57 [A]
6/13/2009	132,000 [A]	16.80 [A]
6/14/2009	129,000 [A]	16.50 [A]
6/15/2009	139,000 [A]	17.27 [A]
6/16/2009	100,000 [A]	14.07 [A]
6/17/2009	121,000 [A]	15.90 [A]
6/18/2009	153,000 [A]	18.41 [A]
6/19/2009	168,000 [A]	19.41 [A]
6/20/2009	151,000 [A]	18.20 [A]
6/21/2009	141,000 [A]	17.49 [A]
6/22/2009	157,000 [A]	18.65 [A]
6/23/2009	183,000 [A]	20.47 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
6/24/2009	172,000 [A]	19.70 [A]
6/25/2009	143,000 [A]	17.58 [A]
6/26/2009	148,000 [A]	17.94 [A]
6/27/2009	151,000 [A]	18.18 [A]
6/28/2009	144,000 [A]	17.68 [A]
6/29/2009	159,000 [A]	18.80 [A]
6/30/2009	143,000 [A]	17.62 [A]
7/1/2009	95,100 [A]	13.50 [A]
7/2/2009	76,700 [A]	11.18 [A]
7/3/2009	76,700 [A]	11.57 [A]
7/4/2009	74,700 [A]	11.39 [A]
7/5/2009	84,100 [A]	12.39 [A]
7/6/2009	106,000 [A]	14.53 [A]
7/7/2009	140,000 [A]	17.34 [A]
7/8/2009	131,000 [A]	16.59 [A]
7/9/2009	127,000 [A]	16.40 [A]
7/10/2009	143,000 [A]	17.60 [A]
7/11/2009	120,000 [A]	15.69 [A]
7/12/2009	120,000 [A]	15.73 [A]
7/13/2009	120,000 [A]	15.67 [A]
7/14/2009	118,000 [A]	15.58 [A]
7/15/2009	111,000 [A]	14.86 [A]
7/16/2009	107,000 [A]	14.49 [A]
7/17/2009	115,000 [A]	15.21 [A]
7/18/2009	86,100 [A]	12.46 [A]
7/19/2009	85,200 [A]	12.35 [A]
7/20/2009	86,700 [A]	12.67 [A]
7/21/2009	109,000 [A]	14.76 [A]
7/22/2009	100,000 [A]	13.99 [A]
7/23/2009	76,000 [A]	11.46 [A]
7/24/2009	98,100 [A]	13.88 [A]
7/25/2009	84,700 [A]	12.53 [A]
7/26/2009	91,400 [A]	13.10 [A]
7/27/2009	114,000 [A]	15.04 [A]
7/28/2009	120,000 [A]	15.71 [A]
7/29/2009	119,000 [A]	15.58 [A]
7/30/2009	104,000 [A]	14.37 [A]
7/31/2009	119,000 [A]	15.59 [A]
8/1/2009	99,500 [A]	13.93 [A]
8/2/2009	71,600 [A]	11.06 [A]
8/3/2009	76,000 [A]	11.51 [A]
8/4/2009	95,300 [A]	13.42 [A]
8/5/2009	85,800 [A]	12.51 [A]
8/6/2009	98,500 [A]	13.63 [A]
8/7/2009	100,000 [A]	13.95 [A]
8/8/2009	62,300 [A]	9.88 [A]
8/9/2009	53,100 [A]	8.78 [A]
8/10/2009	76,000 [A]	11.44 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
8/11/2009	88,500 [A]	12.55 [A]
8/12/2009	89,900 [A]	12.82 [A]
8/13/2009	62,400 [A]	9.93 [A]
8/14/2009	52,900 [A]	8.77 [A]
8/15/2009	49,100 [A]	8.26 [A]
8/16/2009	49,200 [A]	8.25 [A]
8/17/2009	82,800 [A]	12.15 [A]
8/18/2009	82,500 [A]	12.23 [A]
8/19/2009	98,300 [A]	13.65 [A]
8/20/2009	92,000 [e A]	
8/21/2009	85,000 [e A]	
8/22/2009	70,000 [e A]	
8/23/2009	50,000 [e A]	
8/24/2009	90,000 [e A]	
8/25/2009	89,000 [e A]	
8/26/2009	88,000 [e A]	
8/27/2009	86,000 [e A]	
8/28/2009	81,000 [A]	11.73 [A]
8/29/2009	62,400 [A]	9.77 [A]
8/30/2009	57,800 [A]	9.28 [A]
8/31/2009	69,600 [A]	10.75 [A]
9/1/2009	50,800 [A]	8.46 [A]
9/2/2009	89,500 [A]	12.57 [A]
9/3/2009	43,600 [A]	7.48 [A]
9/4/2009	52,400 [A]	8.61 [A]
9/5/2009	42,300 [A]	7.29 [A]
9/6/2009	53,600 [A]	8.81 [A]
9/7/2009	52,200 [A]	8.66 [A]
9/8/2009	76,200 [A]	11.42 [A]
9/9/2009	64,600 [A]	10.16 [A]
9/10/2009	54,000 [A]	8.77 [A]
9/11/2009	58,400 [A]	9.22 [A]
9/12/2009	39,800 [A]	6.93 [A]
9/13/2009	39,400 [A]	6.88 [A]
9/14/2009	41,000 [A]	7.10 [A]
9/15/2009	56,200 [A]	9.07 [A]
9/16/2009	45,300 [A]	7.73 [A]
9/17/2009	62,500 [A]	9.68 [A]
9/18/2009	64,700 [A]	10.09 [A]
9/19/2009	45,200 [A]	7.71 [A]
9/20/2009	39,800 [A]	6.93 [A]
9/21/2009	48,500 [A]	8.12 [A]
9/22/2009	70,600 [A]	10.73 [A]
9/23/2009	68,700 [A]	10.62 [A]
9/24/2009	82,100 [A]	11.81 [A]
9/25/2009	71,700 [A]	10.82 [A]
9/26/2009	44,200 [A]	7.55 [A]
9/27/2009	50,400 [A]	8.42 [A]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
9/28/2009	76,200 [A]	11.49 [A]
9/29/2009	61,300 [A]	9.69 [A]
9/30/2009	56,400 [A]	9.17 [A]
10/1/2009	64,200 [P]	10.13 [P]
10/2/2009	51,000 [P]	8.49 [P]
10/3/2009	56,600 [P]	9.17 [P]
10/4/2009	42,400 [P]	7.31 [P]
10/5/2009	51,200 [P]	8.39 [P]
10/6/2009	42,100 [P]	7.27 [P]
10/7/2009	71,500 [P]	10.71 [P]
10/8/2009	75,100 [P]	11.24 [P]
10/9/2009	59,100 [P]	9.52 [P]
10/10/2009	45,000 [P]	7.68 [P]
10/11/2009	53,300 [P]	8.78 [P]
10/12/2009	67,100 [P]	10.30 [P]
10/13/2009	77,200 [P]	11.51 [P]
10/14/2009	72,400 [P]	10.78 [P]
10/15/2009	54,000 [P]	8.90 [P]
10/16/2009	56,700 [P]	9.20 [P]
10/17/2009	56,200 [P]	9.16 [P]
10/18/2009	46,900 [P]	7.92 [P]
10/19/2009	60,200 [P]	9.62 [P]
10/20/2009	62,900 [P]	9.97 [P]
10/21/2009	72,000 [P]	11.06 [P]
10/22/2009	54,600 [P]	8.98 [P]
10/23/2009	59,200 [P]	9.57 [P]
10/24/2009	67,700 [P]	10.52 [P]
10/25/2009	66,400 [P]	10.22 [P]
10/26/2009	59,500 [P]	9.62 [P]
10/27/2009	70,800 [P]	10.62 [P]
10/28/2009	78,400 [P]	11.60 [P]
10/29/2009	66,900 [P]	10.40 [P]
10/30/2009	67,100 [P]	10.43 [P]
10/31/2009	59,200 [P]	9.57 [P]
11/1/2009	54,900 [P]	8.86 [P]
11/2/2009	77,600 [P]	11.59 [P]
11/3/2009	84,400 [P]	12.19 [P]
11/4/2009	96,800 [P]	13.34 [P]
11/5/2009	97,900 [P]	13.37 [P]
11/6/2009	70,800 [P]	10.88 [P]
11/7/2009	97,100 [P]	13.24 [P]
11/8/2009	77,900 [P]	11.40 [P]
11/9/2009	84,100 [P]	12.12 [P]
11/10/2009	78,900 [P]	11.62 [P]
11/11/2009	83,700 [P]	11.85 [P]
11/12/2009	96,700 [P]	13.21 [P]
11/13/2009	85,100 [P]	12.12 [P]
11/14/2009	82,300 [P]	11.88 [P]

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

Date	Discharge, ft3/s (Mean)	Gage height, feet (Mean)
11/15/2009	74,800 P	11.13 P
11/16/2009	77,200 P	11.47 P
11/17/2009	87,900 P	12.42 P
11/18/2009	117,000 P	15.05 P
11/19/2009	102,000 P	13.49 P
11/20/2009	96,900 P	13.18 P
11/21/2009	90,200 P	12.67 P
11/22/2009	64,300 P	10.11 P
11/23/2009	80,900 P	11.93 P
11/24/2009	76,200 P	11.41 P
11/25/2009	82,300 P	12.17 P
11/26/2009	76,500 P	11.59 P
11/27/2009	73,000 P	11.24 P
11/28/2009	83,700 P	12.28 P
11/29/2009	85,400 P	12.51 P
11/30/2009	85,300 P	12.49 P
12/1/2009	102,000 P	14.14 P
12/2/2009	100,000 P	13.94 P
12/3/2009	112,000 P	15.01 P
12/4/2009	114,000 P	15.06 P
12/5/2009	104,000 P	14.28 P
12/6/2009	67,200 P	10.54 P
12/7/2009	118,000 P	15.47 P
12/8/2009	130,000 P	16.51 P
12/9/2009	121,000 P	15.77 P
12/10/2009	119,000 P	15.54 P
12/11/2009	109,000 P	14.71 P
12/12/2009	109,000 P	14.67 P
12/13/2009	113,000 P	15.07 P
12/14/2009	101,000 P	13.97 P
12/15/2009	130,000 P	16.56 P
12/16/2009	103,000 P	14.18 P
12/17/2009	83,800 P	12.31 P
12/18/2009	75,300 P	11.49 P
12/19/2009	72,500 P	11.08 P
12/20/2009	62,700 P	10.03 P
12/21/2009	72,200 P	11.14 P
12/22/2009	75,800 P	11.48 P
12/23/2009	103,000 P	14.18 P
12/24/2009	93,200 P	13.29 P
12/25/2009	73,500 P	11.15 P
12/26/2009	98,400 P	13.68 P
12/27/2009	107,000 P	14.56 P
12/28/2009	93,200 P	13.19 P
12/29/2009	119,000 P	15.62 P
12/30/2009	112,000 P	15.06 P
12/31/2009	102,000 P	14.11 P
Explanation		

Table D-40. U.S. Geological Survey Columbia River Water Levels 1917 - 2009

	Discharge,	Gage height,
	ft3/s	feet
Date	(Mean)	(Mean)
A	Approved for publication -- Processing and review completed.	
P	Provisional data subject to revision.	
e	Value has been estimated.	

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
A5018	399-1-1	116588.84	594359.96	115.834	GROUNDWATER WELL	11/16/1948	IN-USE	77	ft	35.83	ft	N	11/16/1948	77
A5035	399-1-2	116329.53	594082.36	118.975	GROUNDWATER WELL	4/7/1950	IN-USE	101	ft	46.4	ft	N	4/7/1950	101
A5036	399-1-3	116334.906	594254.205	118.29	GROUNDWATER WELL	4/28/1950	IN-USE	102.5	ft	37.67	ft		4/28/1950	102.5
A5037	399-1-4	116699.553	594020.603	117.033	GROUNDWATER WELL	5/10/1950	IN-USE	101	ft	36.45	ft	N	5/10/1950	101
A5038	399-1-5	116552.122	594111.658	116.788	GROUNDWATER WELL	2/26/1975	DECOMMISSIONED	45	ft	37	ft			
A5039	399-1-6	116900.079	594142.511	114.958	GROUNDWATER WELL	3/3/1975	IN-USE	44	ft	32.83	ft	N	3/3/1975	44
A5040	399-1-7	116335.09	594260.06	118.558	GROUNDWATER WELL	2/25/1985	IN-USE	75	ft	45.12	ft		2/25/1985	75
A5041	399-1-8	116329.57	594257.76	118.342	GROUNDWATER WELL	8/8/1985	IN-USE	107	ft				8/8/1985	107
A5042	399-1-9	116330.37	594253.988	118.307	GROUNDWATER WELL	2/18/1987	IN-USE	181	ft				2/18/1987	181
A5411	399-1-10A	116733.99	594346.53	114.895	GROUNDWATER WELL	11/22/1986	IN-USE	45	ft				11/22/1986	45
A8064	399-1-10B	116728.788	594350.847	115.486	GROUNDWATER WELL	10/8/1991	IN-USE	119	ft				10/8/1991	119
A5020	399-1-11	116660.16	594109.81	116.156	GROUNDWATER WELL	11/20/1986	IN-USE	47.3	ft				11/20/1986	47.3
A5021	399-1-12	116548.51	594040.22	118.195	GROUNDWATER WELL	10/30/1986	IN-USE	65	ft	43.27	ft	N	10/30/1986	65
A5412	399-1-13A	116557.26	593910.41	119.464	GROUNDWATER WELL	10/30/1986	IN-USE	56	ft				10/30/1986	56
A8065	399-1-13B	116549.197	593909.593	119.523	GROUNDWATER WELL	2/3/1992	IN-USE	123.8	ft				2/3/1992	123.8
A5413	399-1-14A	116778.217	593901.125	117.823	GROUNDWATER WELL	10/30/1986	IN-USE	50	ft	42.1	ft	N	10/30/1986	50
A8066	399-1-14B	116779.11	593910.921	117.582	GROUNDWATER WELL	10/31/1991	IN-USE	119.5	ft				10/31/1991	119.5
A5024	399-1-15	116964.243	593988.332	116.711	GROUNDWATER WELL	11/7/1986	IN-USE	48	ft	38.2	ft	N	11/7/1986	48
A5025	399-1-16A	116414.16	594318.11	117.3	GROUNDWATER WELL	12/4/1986	IN-USE	47.5	ft				12/4/1986	47.5
A5026	399-1-16B	116411.619	594324.688	117.185	GROUNDWATER WELL	2/10/1987	IN-USE	118	ft	37.44	ft		2/10/1987	118
A5027	399-1-16C	116410.403	594312.002	117.989	GROUNDWATER WELL	1/31/1987	IN-USE	178	ft	18.2	ft	N		
A8067	399-1-16D	116404.604	594315.501	117.488	GROUNDWATER WELL	1/9/1987	DECOMMISSIONED	182	ft					
A5028	399-1-17A	116413.787	594112.87	116.073	GROUNDWATER WELL	11/13/1986	IN-USE	41	ft			N	11/13/1986	41
A5029	399-1-17B	116417.723	594104.816	116.185	GROUNDWATER WELL	12/19/1986	IN-USE	115	ft	33.42	ft		12/19/1986	115
A5030	399-1-17C	116409.209	594104.692	116.263	GROUNDWATER WELL	1/15/1987	IN-USE	173	ft				1/15/1987	173
A5031	399-1-18A	117301.572	593870.644	120.14	GROUNDWATER WELL	11/12/1986	IN-USE	63	ft				11/12/1986	63
A5032	399-1-18B	117297.232	593866.062	119.871	GROUNDWATER WELL	1/20/1987	IN-USE	125	ft			N	1/20/1987	125
A5033	399-1-18C	117294.574	593872.306	119.295	GROUNDWATER WELL	1/7/1987	IN-USE	153	ft				1/7/1987	153
A5034	399-1-19	116465.082	594085.14	115.212	GROUNDWATER WELL		DECOMMISSIONED			31.88	ft			
A8068	399-1-20	116339.641	594257.261	118.506	UNCLASSIFIED	12/12/1988	CANDIDATE FOR DECOMMISSIONING	187	ft			N		
A5414	399-1-21A	116183.88	594160.75	117.563	GROUNDWATER WELL	9/25/1991	IN-USE	54.6	ft				9/25/1991	54.6
A5415	399-1-21B	116176.798	594157.212	117.852	GROUNDWATER WELL	11/18/1991	IN-USE	115	ft				11/18/1991	115
A8069	399-1-22	116519.33	594201.86		UNCLASSIFIED		DECOMMISSIONED							
C5000	399-1-23	116453.15	594113.51	116.308	GROUNDWATER WELL	3/30/2006	IN-USE	116	ft	37.28	ft	N	4/21/2006	51.95
C5351	399-1-24	116449.68	594116.45	116.366	GROUNDWATER WELL	11/16/2006	IN-USE	42	ft				11/16/2006	37.35
C5352	399-1-25	116450.35	594116.88	116.374	GROUNDWATER WELL	11/17/2006	IN-USE	50	ft				11/17/2006	47.35
C5353	399-1-26	116456.21	594108.27	116.269	GROUNDWATER WELL	11/20/2006	IN-USE	50.5	ft				11/21/2006	49.35
C5354	399-1-27	116446.18	594116.23	116.486	GROUNDWATER WELL	11/28/2006	IN-USE	50	ft				11/29/2006	47.35
C5355	399-1-28	116445.84	594115.57	116.479	GROUNDWATER WELL	11/30/2006	IN-USE	40.5	ft				11/30/2006	37.35
C5356	399-1-29	116445.75	594118.67	116.521	GROUNDWATER WELL	11/30/2006	IN-USE	51	ft				12/1/2006	49.35
C5357	399-1-30	116449.68	594110.62	116.375	GROUNDWATER WELL	11/27/2006	IN-USE	50.5	ft				11/28/2006	49.35
C5358	399-1-31	116456.15	594118.66	116.236	GROUNDWATER WELL	11/20/2006	IN-USE	51	ft				11/20/2006	49.35
C5359	399-1-32	116432.44	594137.47	116.028	GROUNDWATER WELL	12/1/2006	IN-USE	50.5	ft			N	12/4/2006	44.35
C5626	399-1-33	116430.5	594113.28	116.435	GROUNDWATER WELL	5/17/2007	IN-USE	46	ft				6/1/2007	44.76
C5627	399-1-34	116433.75	594101.2	116.562	GROUNDWATER WELL	5/25/2007	IN-USE	50.5	ft				6/1/2007	49.61
C5628	399-1-35	116432.05	594122.33	116.397	GROUNDWATER WELL	5/22/2007	IN-USE	49	ft				5/25/2007	48.6
C5629	399-1-36	116438.76	594108.45	116.544	GROUNDWATER WELL	5/8/2007	IN-USE	50	ft				5/10/2007	46.73
C5630	399-1-37	116438.15	594110.22	116.552	GROUNDWATER WELL	5/10/2007	IN-USE	37.9	ft				6/1/2007	36.58
C5631	399-1-38	116435.42	594117.42	116.499	GROUNDWATER WELL	5/14/2007	IN-USE	48.7	ft				6/1/2007	47.21
C7116	399-1-39	116430.64	594158.31	115.153	GROUNDWATER WELL	4/16/2009	IN-USE	37	ft				4/16/2009	35.91
C7117	399-1-40	116435.31	594162.38	115.104	GROUNDWATER WELL	4/15/2009	IN-USE	36.5	ft				4/15/2009	35.94
C7118	399-1-41	116439.85	594166.23	115.124	GROUNDWATER WELL	4/20/2009	IN-USE	37.5	ft				4/20/2009	35.79

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM_UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
A5018	45.12	ft		8in, 0ft - 77ft	5, 20ft - 75ft	303-3, 399-01-01	300-FF-5	T10N, R28E, S2	
A5035	56.7	ft		8in, 0ft - 100.3ft	5, 25ft - 75ft	303-4	300-FF-5	T10N, R28E, S2	
A5036	76.34	ft		8in, 0ft - 101.5ft	5, 25ft - 70ft	303-6	300-FF-5	T10N, R28E, S2	
A5037	76.64	ft		8in, 0ft - 98.5ft	3, 23ft - 45ft / 4, 45ft - 70ft	303-7	300-FF-5	T10N, R28E, S2	
A5038	48	ft					300-FF-5	T10N, R28E, S2	
A5039	45.8	ft	6in, 22ft - 44ft	6in, 0ft - 24ft			300-FF-5	T10N, R28E, S2	
A5040	57.3	ft	6in, 25ft - 75ft	6in, 0ft - 25ft		399-T-1	300-FF-5	T10N, R28E, S2	
A5041	106.9	ft	6in, 85ft - 105ft	6in, 0ft - 85ft		399-T-2	300-FF-5	T10N, R28E, S2	
A5042	179.25	ft	6in, 170ft - 180ft	6in, 0ft - 170ft / 10in, 16ft - 100.5ft		S-2	300-FF-5	T10N, R28E, S2	
A5411			6in, 24.5ft - 39.5ft / 10in, 29.5ft - 39.5ft	6in, 0ft - 24.5ft		399-1-10, S-3	300-FF-5	T10N, R28E, S2	
A8064			4in, 104.5ft - 114.5ft	4in, 0ft - 104.5ft		1-10B, 399 1 10B	300-FF-5	T10N, R28E, S2	
A5020	49.46	ft	6in, 25.6ft - 36.4ft / 6in, 36.4ft - 46.8ft	6in, 0ft - 25.6ft		S-4	300-FF-5	T10N, R28E, S2	
A5021	63.08	ft	6in, 45ft - 60ft	6in, 0ft - 45ft		S-5	300-FF-5	T10N, R28E, S2	
A5412			6in, 38ft - 53ft / 10in, 42.8ft - 52.8ft	6in, 0ft - 38ft		399-1-13, S-6	300-FF-5	T10N, R28E, S2	
A8065	117.2	ft	4in, 106.5ft - 117.2ft	4in, 0ft - 106.5ft		1-13B, 399 1 13B	300-FF-5	T10N, R28E, S2	
A5413	48.75	ft	6in, 32ft - 47ft / 10in, 37.4ft - 47.4ft	6in, 0ft - 32ft		399-1-14, S-7	300-FF-5	T10N, R28E, S2	
A8066	109.7	ft	4in, 99ft - 109.7ft	4in, 0ft - 99ft		399 1 14B	300-FF-5	T10N, R28E, S2	
A5024	45.55	ft	6in, 29ft - 44ft	6in, 0ft - 29ft		S-8	300-FF-5	T10N, R28E, S2	
A5025			6in, 32.5ft - 47.5ft / 10in, 37.5ft - 47.5ft	6in, 0ft - 32.5ft		C-1A	300-FF-5	T10N, R28E, S2	
A5026	116.7	ft	6in, 105ft - 115ft	6in, 0ft - 105ft		C-1D	300-FF-5	T10N, R28E, S2	
A5027	179.28	ft				C-1B	300-FF-5	T10N, R28E, S2	
A8067	116	ft					300-FF-5	T10N, R28E, S2	
A5028			6in, 25ft - 40ft	6in, 0ft - 25ft		C-2A	300-FF-5	T10N, R28E, S2	
A5029	112.8	ft	6in, 100ft - 110ft	6in, 0ft - 100ft		C-2B	300-FF-5	T10N, R28E, S2	
A5030	174.4	ft	6in, 160.6ft - 171ft	6in, 0ft - 160.6ft		C-2C	300-FF-5	T10N, R28E, S2	
A5031			6in, 39ft - 54ft / 10in, 39ft - 54ft	6in, 0ft - 39ft		C-3A	300-FF-5	T10N, R28E, S2	
A5032			6in, 108.5ft - 118.5ft	6in, 0ft - 108.5ft		C-3B	300-FF-5	T10N, R28E, S2	
A5033	143.1	ft	6in, 130ft - 140ft	6in, 0ft - 130ft			300-FF-5	T10N, R28E, S2	
A5034	46.27	ft					300-FF-5	T10N, R28E, S2	
A8068	131	ft				HWDS 10, WB-2	300-FF-5	T10N, R28E, S2	
A5414	52.2	ft	4in, 31.4ft - 52.2ft	4in, 0ft - 31.4ft		6A	300-FF-5	T10N, R28E, S11	
A5415	114.6	ft	4in, 102ft - 112ft	4in, 0ft - 102ft		399 1 21B, 6B	300-FF-5	T10N, R28E, S11	
A8069						BH NP-1, NP-1	300-FF-5	T10N, R28E, S2	
C5000	53.26	ft	6in, 24.94ft - 49.95ft	6in, 0ft - 24.94ft		ALB-327	300-FF-5	T10N, R28E, S2	ALB-327
C5351			4.375in, 32ft - 37ft	4.375in, 0ft - 32ft		ALJ-825	300-FF-5	T10N, R28E, S2	ALJ-825
C5352			4.375in, 42ft - 47ft	4.375in, 0ft - 42ft		ALJ-824	300-FF-5	T10N, R28E, S2	ALJ-824
C5353			4in, 29ft - 49ft	4in, 0ft - 29ft		ALJ-826	300-FF-5	T10N, R28E, S2	ALJ-826
C5354			4in, 42ft - 47ft	4in, 0ft - 42ft		ALJ-827	300-FF-5	T10N, R28E, S2	ALJ-827
C5355			4in, 32ft - 37ft	4in, 0ft - 32ft		ALJ-828	300-FF-5	T10N, R28E, S2	ALJ-828
C5356			4in, 29ft - 49ft	4in, 0ft - 29ft		ALJ-829	300-FF-5	T10N, R28E, S2	ALJ-829
C5357			4in, 29ft - 49ft	4in, 0ft - 29ft		ALJ-830	300-FF-5	T10N, R28E, S2	ALJ-830
C5358			4in, 29ft - 49ft	4in, 0ft - 29ft		ALJ-831	300-FF-5	T10N, R28E, S2	ALJ-831
C5359			4in, 29ft - 44ft	4in, 0ft - 29ft		ALJ-832	300-FF-5	T10N, R28E, S2	ALJ-832
C5626			4in, 24.34ft - 44.34ft	4in, 0ft - 24.34ft		ALF-748	300-FF-5	T10N, R28E, S2	ALF-748
C5627			4in, 29.08ft - 49.07ft	4in, 0ft - 29.08ft		ALF-713	300-FF-5	T10N, R28E, S2	ALF-713
C5628			4in, 28.09ft - 48.04ft	4in, 0ft - 28.09ft		AHB-217	300-FF-5	T10N, R28E, S2	AHB-217
C5629			4in, 41.05ft - 46.04ft	4in, 0ft - 41.05ft		ALF-747	300-FF-5	T10N, R28E, S2	ALF-747
C5630			4in, 31.08ft - 36.05ft	4in, 0ft - 31.08ft		ALF-740	300-FF-5	T10N, R28E, S2	ALF-740
C5631			4in, 26.58ft - 46.58ft			ALF-745	300-FF-5	T10N, R28E, S2	ALF-745
C7116			4in, 33.05ft - 35.55ft	4in, 35.55ft - 35.91ft / 4in, -.5ft - 33.05ft			300-FF-5	T10N, R28E, S2	
C7117			4in, 33.08ft - 35.58ft	4in, 35.58ft - 35.94ft / 4in, -.5ft - 33.08ft			300-FF-5	T10N, R28E, S2	
C7118			4in, 32.94ft - 35.43ft	4in, 35.43ft - 35.79ft / 4in, -.5ft - 32.94ft			300-FF-5	T10N, R28E, S2	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE_UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
A5018	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5035	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5036			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5037			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5038						316-5	300-FF-1	316-5	300-FF-1
A5039	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5040	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5041	3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5042	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5411	300-APT, 3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A8064	300-APT, 3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5020	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-5	300-FF-1	316-5	300-FF-1
A5021	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5412			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A8065			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5413			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A8066			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5024	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5025	300-APT, 3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			618-12	300-FF-1
A5026	300-APT, 3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			618-12	300-FF-1
A5027	3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			618-12	300-FF-1
A8067								618-12	300-FF-1
A5028	300-APT, 3FF5-300, 3FF5-300-S, DOH	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5029	300-APT, 3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5030	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5031	300-APT, 3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5032	300-APT, 3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5033	3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5034						316-5	300-FF-1	316-5,300-15	300-FF-1, 300-FF-2
A8068			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5414	3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5415	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A8069						316-2	300-FF-1	316-2	300-FF-1
C5000	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-5	300-FF-1	316-5,300-15	300-FF-1, 300-FF-2
C5351			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-5	300-FF-1	300-15,316-5	300-FF-1, 300-FF-2
C5352			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-5	300-FF-1	316-5,300-15	300-FF-1, 300-FF-2
C5353			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-5	300-FF-1	300-15,316-5	300-FF-1, 300-FF-2
C5354			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-5	300-FF-1	316-5,300-15	300-FF-1, 300-FF-2
C5355			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-5	300-FF-1	300-15,316-5	300-FF-1, 300-FF-2
C5356			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-5	300-FF-1	316-5,300-15	300-FF-1, 300-FF-2
C5357			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-5	300-FF-1	300-15,316-5	300-FF-1, 300-FF-2
C5358			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-5	300-FF-1	316-5	300-FF-1
C5359			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			316-5,316-2,300-15,618-12	300-FF-1, 300-FF-2
C5626			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			300-15,316-5	300-FF-1, 300-FF-2
C5627			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			316-5,300-15	300-FF-1, 300-FF-2
C5628			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			300-15,316-5	300-FF-1, 300-FF-2
C5629			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			316-5,300-15	300-FF-1, 300-FF-2
C5630			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			300-15,316-5	300-FF-1, 300-FF-2
C5631			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	300-15	300-FF-2	316-5,300-15	300-FF-1, 300-FF-2
C7116						618-12	300-FF-1	300-15,316-2,618-12	300-FF-1, 300-FF-2
C7117						618-12	300-FF-1	618-12,316-2,300-15	300-FF-1, 300-FF-2
C7118						618-12	300-FF-1	300-15,316-2,618-12	300-FF-1, 300-FF-2

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
A5018	316-2	300-FF-1	316-2	300-FF-1	316-2,300-51,618-12	300-FF-1	12/30/2009		
A5035	618-2,300-259	300-FF-2	618-2,300-259	300-FF-2	618-12,618-1,618-2,618-3,628-4,300-259,300-15,303-M SA,303-M UOF,333 ESHWSA,332 SF,UPR-300-FF-1,UPR-300-46,UPR-300-14	300-FF-1, 300-FF-2	4/7/2010		
A5036			300-52	300-FF-1	628-4,618-12,300-52,332 SF	300-FF-1	8/10/2001		
A5037			316-5,600-235	300-FF-1, NONE	316-5,600-235	300-FF-1, NONE	10/26/1995		
A5038	316-2,316-5	300-FF-1	316-5,316-2,600-235	300-FF-1, NONE	316-5,316-2,600-235,300-10,300-45	300-FF-1, NONE, 300-FF-2	8/23/1999		
A5039	316-5	300-FF-1	316-5,600-235	300-FF-1, NONE	UPR-300-9,UPR-300-8,UPR-300-15,UPR-300-19,UPR-300-27,UPR-300-28,UPR-300-29,UPR-300-30,UPR-300-20,UPR-300-21,UPR-300-22,UPR-300-23,UPR-300-24,UPR-300-25,UPR-300-26,316-5,600-235,618-5	300-FF-1, NONE, 300-FF-2	12/14/2009		
A5040			300-52	300-FF-1	300-52,332 SF,628-4,618-12	300-FF-1	12/14/2009		
A5041			300-52	300-FF-1	618-12,628-4,332 SF,300-52	300-FF-1	2/16/2010		
A5042			300-52	300-FF-1	300-52,332 SF,628-4,618-12	300-FF-1	12/28/2009		
A5411			316-2,300-51	300-FF-1	300-49,300-51,316-2	300-FF-1	4/7/2010		
A8064			300-51	300-FF-1	316-2,300-49,300-51	300-FF-1	3/16/2010		10/1/1991
A5020	316-5	300-FF-1	316-2,316-5,600-235	300-FF-1, NONE	300-50,300-10,316-2,316-5,600-235	300-FF-1, NONE, 300-FF-2	12/28/2009		
A5021	316-5,300-10,600-235	300-FF-1, NONE, 300-FF-2	600-235,316-5,300-10	300-FF-1, NONE, 300-FF-2	316-5,316-2,600-235,300-10,300-45	300-FF-1, NONE, 300-FF-2	4/7/2010		
A5412			300-8	300-FF-2	300-8,618-8	300-FF-2	9/25/2008		
A8065	300-8	300-FF-2	300-8	300-FF-2	618-8,300-8	300-FF-2	5/16/1996		9/20/1991
A5413			300-8	300-FF-2	300-8,300-220	300-FF-2	8/10/2001		
A8066					300-8	300-FF-2	8/15/1997		9/18/1991
A5024			316-5,618-4	300-FF-1	316-5,618-4,UPR-300-27,UPR-300-8,UPR-300-9	300-FF-1	12/14/2009		
A5025	618-12	300-FF-1	618-12	300-FF-1	618-12,316-2,300-52	300-FF-1	4/7/2010		
A5026	618-12	300-FF-1	618-12	300-FF-1	300-52,316-2,618-12	300-FF-1	3/16/2010		
A5027	618-12	300-FF-1	618-12	300-FF-1	618-12,316-2,300-52	300-FF-1	12/14/2009		
A8067	618-12	300-FF-1	618-12	300-FF-1	300-52,316-2,618-12	300-FF-1	8/2/1988		
A5028	618-12,316-5,300-15	300-FF-1, 300-FF-2	618-12,316-5,316-2,300-15	300-FF-1, 300-FF-2	618-12,618-2,316-2,316-5,332 SF,600-235,300-45,300-15	300-FF-1, NONE, 300-FF-2	4/7/2010		
A5029	300-15,316-5	300-FF-1, 300-FF-2	300-15,316-2,316-5,618-12	300-FF-1, 300-FF-2	300-15,300-45,600-235,332 SF,316-5,316-2,618-2,618-12	300-FF-1, NONE, 300-FF-2	3/16/2010		
A5030	300-15	300-FF-2	618-12,618-2,316-5,316-2,300-15	300-FF-1, 300-FF-2	618-12,618-2,316-2,316-5,332 SF,600-235,300-45,300-15	300-FF-1, NONE, 300-FF-2	12/28/2009		
A5031							3/16/2010		
A5032					600-117	300-FF-2	3/16/2010		
A5033							12/14/2009		
A5034	300-15,300-45,316-5,600-235	300-FF-1, NONE, 300-FF-2	300-15,300-45,316-5,600-235	300-FF-1, NONE, 300-FF-2	600-235,316-5,316-2,300-8,300-15,300-45,618-2,618-12	300-FF-1, NONE, 300-FF-2	8/22/1996		
A8068			300-52	300-FF-1	332 SF,300-52,628-4,618-12	300-FF-1	12/1/1992		
A5414			300-52,316-1,300-15	300-FF-1, 300-FF-2	628-4,300-52,300-56,300-42,300-3,300-259,300-256,300-15,316-1,UPR-300-FF-1	300-FF-1, 300-FF-2	4/7/2010		
A5415			300-15,300-52,316-1	300-FF-1, 300-FF-2	316-1,300-15,300-256,300-259,300-3,300-262,300-42,300-56,300-52,628-4	300-FF-1, 300-FF-2	12/28/2009		11/11/1991
A8069	316-2	300-FF-1	316-2	300-FF-1	618-12,300-15,316-2,316-5	300-FF-1, 300-FF-2			10/11/1991
C5000	316-2,316-5,300-15,618-12	300-FF-1, 300-FF-2	316-2,316-5,618-12,300-15	300-FF-1, 300-FF-2	316-5,316-2,600-235,300-15,300-45,618-12,618-2	300-FF-1, NONE, 300-FF-2	3/16/2010		7/26/2006
C5351	618-12,300-15,316-5,316-2	300-FF-1, 300-FF-2	300-15,618-12,316-5,316-2	300-FF-1, 300-FF-2	618-2,618-12,300-45,300-15,600-235,316-2,316-5	300-FF-1, NONE, 300-FF-2			
C5352	316-2,316-5,300-15,618-12	300-FF-1, 300-FF-2	316-2,316-5,618-12,300-15	300-FF-1, 300-FF-2	316-5,316-2,600-235,300-15,300-45,618-12,618-2	300-FF-1, NONE, 300-FF-2			
C5353	300-15,316-5	300-FF-1, 300-FF-2	300-15,300-45,618-12,316-5,316-2	300-FF-1, 300-FF-2	618-2,618-12,300-45,300-15,600-235,316-2,316-5	300-FF-1, NONE, 300-FF-2			
C5354	316-5,316-2,300-15,618-12	300-FF-1, 300-FF-2	316-2,316-5,618-12,300-15	300-FF-1, 300-FF-2	316-5,316-2,600-235,300-15,300-45,618-12,618-2	300-FF-1, NONE, 300-FF-2			
C5355	618-12,300-15,316-2,316-5	300-FF-1, 300-FF-2	300-15,618-12,316-5,316-2	300-FF-1, 300-FF-2	618-2,618-12,300-45,300-15,600-235,316-2,316-5	300-FF-1, NONE, 300-FF-2			
C5356	316-5,316-2,300-15,618-12	300-FF-1, 300-FF-2	316-2,316-5,618-12,300-15	300-FF-1, 300-FF-2	316-5,316-2,600-235,300-15,300-45,618-12,618-2	300-FF-1, NONE, 300-FF-2			
C5357	300-15,316-2,316-5	300-FF-1, 300-FF-2	300-45,300-15,618-12,316-5,316-2	300-FF-1, 300-FF-2	316-5,316-2,300-45,300-15,618-12,600-235,618-2	300-FF-1, NONE, 300-FF-2			
C5358	316-5,316-2,300-15,618-12	300-FF-1, 300-FF-2	316-2,316-5,618-12,300-15	300-FF-1, 300-FF-2	618-2,618-12,600-235,300-15,300-45,316-2,316-5	300-FF-1, NONE, 300-FF-2			
C5359	618-12,300-15,316-2,316-5	300-FF-1, 300-FF-2	300-15,618-12,316-5,316-2	300-FF-1, 300-FF-2	316-5,316-2,300-45,300-15,600-235,618-12,618-2	300-FF-1, NONE, 300-FF-2			
C5626	316-5,316-2,300-15,618-12	300-FF-1, 300-FF-2	316-2,316-5,618-12,300-15	300-FF-1, 300-FF-2	618-2,618-12,300-15,300-45,316-2,316-5,600-235	300-FF-1, NONE, 300-FF-2			8/20/2007
C5627	300-15,316-5	300-FF-1, 300-FF-2	300-15,300-45,618-12,316-5,316-2	300-FF-1, 300-FF-2	600-235,316-5,316-2,300-8,300-45,300-15,618-12,618-2	300-FF-1, NONE, 300-FF-2			
C5628	316-5,316-2,300-15,618-12	300-FF-1, 300-FF-2	316-2,316-5,618-12,300-15	300-FF-1, 300-FF-2	618-2,618-12,600-235,300-15,300-45,316-2,316-5	300-FF-1, NONE, 300-FF-2			8/20/2007
C5629	300-15,316-5	300-FF-1, 300-FF-2	300-15,300-45,618-12,316-5,316-2	300-FF-1, 300-FF-2	316-5,316-2,600-235,300-45,300-15,618-12,618-2	300-FF-1, NONE, 300-FF-2			8/20/2007
C5630	316-2,316-5,300-15,618-12	300-FF-1, 300-FF-2	316-2,316-5,618-12,300-15	300-FF-1, 300-FF-2	618-2,618-12,300-15,300-45,600-235,316-2,316-5	300-FF-1, NONE, 300-FF-2			8/20/2007
C5631	618-12,300-15,316-5,316-2	300-FF-1, 300-FF-2	300-15,618-12,316-5,316-2	300-FF-1, 300-FF-2	316-5,316-2,600-235,300-45,300-15,618-12,618-2	300-FF-1, NONE, 300-FF-2			
C7116	316-2,316-5,300-15,618-12	300-FF-1, 300-FF-2	316-2,316-5,618-12,300-15	300-FF-1, 300-FF-2	618-12,300-15,300-45,316-2,316-5,332 SF	300-FF-1, 300-FF-2			
C7117	618-12,300-15,316-5,316-2	300-FF-1, 300-FF-2	316-5,316-2,618-12,300-15	300-FF-1, 300-FF-2	316-5,316-2,300-15,618-12	300-FF-1, 300-FF-2			
C7118	316-2,300-15,618-12	300-FF-1, 300-FF-2	300-15,618-12,316-2,316-5	300-FF-1, 300-FF-2	618-12,300-15,316-2,316-5	300-FF-1, 300-FF-2			4/15/2009

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
A5018		12/30/2009	3/5/2004	3/5/2004	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0001-A0001A
A5035		4/7/2010	2/23/2001	2/8/2010	8/21/2009	Hanford (Not in Monument)	300	1-0399-A0001-A0002A
A5036		8/10/2001	4/28/1950	4/19/2004	12/31/2009	Hanford (Not in Monument)	300	1-0399-A0001-A0003A
A5037		10/26/1995	5/10/1950	7/10/2007	12/31/2009	Hanford (Not in Monument)	300	1-0399-A0001-A0004A
A5038		8/23/1999	2/26/1975	12/12/2000	3/29/2001	Hanford (Not in Monument)	300	1-0399-A0001-A0005A
A5039		12/14/2009	4/26/2004	4/26/2004	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0001-A0006A
A5040		12/14/2009	2/25/1985	11/30/2006	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0001-A0007A
A5041		2/16/2010	8/8/1985	8/8/1985	12/31/2009	Hanford (Not in Monument)	300	1-0399-A0001-A0008A
A5042		12/28/2009	2/18/1987	2/18/1987	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0001-A0009A
A5411		4/7/2010	8/24/1999	4/14/2004	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0001-A0010A
A8064		3/16/2010	8/31/1999	4/14/2004	8/21/2009	Hanford (Not in Monument)	300	1-0399-A0001-A0010B
A5020		12/28/2009	11/20/1986	11/20/1986	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0001-A0011A
A5021		4/7/2010	6/8/1992	3/9/2009	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0001-A0012A
A5412		9/25/2008	10/30/1986	8/13/2008	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0001-A0013A
A8065		5/16/1996	2/3/1992	2/3/1992	6/13/1996	Hanford (Not in Monument)	300	1-0399-A0001-A0013B
A5413		8/10/2001	2/7/1992	10/14/2009	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0001-A0014A
A8066		8/15/1997	10/31/1991	10/31/1991	8/15/1997	Hanford (Not in Monument)	300	1-0399-A0001-A0014B
A5024		12/14/2009	11/7/1986	9/24/2009	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0001-A0015A
A5025		4/7/2010	8/25/1999	2/6/2006	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0001-A0016A
A5026		3/16/2010	8/31/1999	8/31/1999	12/31/2009	Hanford (Not in Monument)	300	1-0399-A0001-A0016B
A5027		12/14/2009	1/31/1987	1/22/2008	12/31/2008	Hanford (Not in Monument)	300	1-0399-A0001-A0016C
A8067		8/2/1988	1/9/1987	1/9/1987	10/25/1988	Hanford (Not in Monument)	300	1-0399-A0001-A0016D
A5028		4/7/2010	8/30/1999	12/18/2007	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0001-A0017A
A5029		3/16/2010	9/2/1999	1/5/2006	12/31/2009	Hanford (Not in Monument)	300	1-0399-A0001-A0017B
A5030		12/28/2009	1/15/1987	1/15/1987	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0001-A0017C
A5031		3/16/2010	8/26/1999	4/14/2004	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0001-A0018A
A5032		3/16/2010	8/26/1999	12/6/2007	12/31/2009	Hanford (Not in Monument)	300	1-0399-A0001-A0018B
A5033		12/14/2009	1/7/1987	12/4/2008	12/31/2009	Hanford (Not in Monument)	300	1-0399-A0001-A0018C
A5034		8/22/1996		12/12/2000	3/29/2001	Hanford (Not in Monument)	300	1-0399-A0001-A0019A
A8068		12/1/1992	12/12/1988	2/19/2008		Hanford (Not in Monument)	300	1-0399-A0001-A0020A
A5414		4/7/2010	9/25/1991	9/25/1991	8/21/2009	Hanford (Not in Monument)	300	1-0399-A0001-A0021A
A5415		12/28/2009	11/18/1991	11/18/1991	6/16/2009	Hanford (Not in Monument)	300	1-0399-A0001-A0021B
A8069		10/11/1991				Hanford (Not in Monument)	300	1-0399-A0001-A0022A
C5000		3/16/2010	3/30/2006	12/18/2007	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0001-A0023A
C5351			11/16/2006	11/16/2006		Hanford (Not in Monument)	300	1-0399-A0001-A0024A
C5352			11/17/2006	11/17/2006		Hanford (Not in Monument)	300	1-0399-A0001-A0025A
C5353			11/20/2006	11/20/2006		Hanford (Not in Monument)	300	1-0399-A0001-A0026A
C5354			11/28/2006	11/28/2006		Hanford (Not in Monument)	300	1-0399-A0001-A0027A
C5355			11/30/2006	11/30/2006		Hanford (Not in Monument)	300	1-0399-A0001-A0028A
C5356			11/30/2006	11/30/2006		Hanford (Not in Monument)	300	1-0399-A0001-A0029A
C5357			11/27/2006	11/27/2006		Hanford (Not in Monument)	300	1-0399-A0001-A0030A
C5358			11/20/2006	11/20/2006		Hanford (Not in Monument)	300	1-0399-A0001-A0031A
C5359			12/1/2006	12/18/2007		Hanford (Not in Monument)	300	1-0399-A0001-A0032A
C5626		8/20/2007	5/17/2007	6/20/2007		Hanford (Not in Monument)	300	1-0399-A0001-A0033A
C5627			5/25/2007	6/20/2007		Hanford (Not in Monument)	300	1-0399-A0001-A0034A
C5628		8/20/2007	5/22/2007	6/20/2007		Hanford (Not in Monument)	300	1-0399-A0001-A0035A
C5629		8/20/2007	5/8/2007	6/21/2007		Hanford (Not in Monument)	300	1-0399-A0001-A0036A
C5630		8/20/2007	5/10/2007	6/20/2007		Hanford (Not in Monument)	300	1-0399-A0001-A0037A
C5631			5/14/2007	6/20/2007		Hanford (Not in Monument)	300	1-0399-A0001-A0038A
C7116			4/16/2009	4/16/2009		Hanford (Not in Monument)	300	1-0399-A0001-A0039A
C7117			4/15/2009	4/15/2009		Hanford (Not in Monument)	300	1-0399-A0001-A0040A
C7118		4/15/2009	4/20/2009	4/20/2009		Hanford (Not in Monument)	300	1-0399-A0001-A0041A

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
C7119	399-1-42	116426.67	594162.73	115.152	GROUNDWATER WELL	4/24/2009	IN-USE	37	ft				4/24/2009	35.93
C7120	399-1-43	116431.31	594166.95	115.129	GROUNDWATER WELL	4/23/2009	IN-USE	37	ft				4/23/2009	35.85
C7121	399-1-44	116435.92	594170.96	115.109	GROUNDWATER WELL	4/20/2009	IN-USE	36.5	ft				4/20/2009	35.95
C7122	399-1-45	116422.66	594167.43	115.009	GROUNDWATER WELL	4/29/2009	IN-USE	39.5	ft				4/29/2009	35.93
C7123	399-1-46	116427.38	594171.48	115.106	GROUNDWATER WELL	4/24/2009	IN-USE	37	ft				4/24/2009	35.89
C7124	399-1-47	116431.93	594175.47	115.065	GROUNDWATER WELL	4/16/2009	IN-USE	36.5	ft				4/16/2009	36.14
C7125	399-1-48	116418.6	594172.09	114.993	GROUNDWATER WELL	4/28/2009	IN-USE	37	ft				4/28/2009	35.9
C7126	399-1-49	116423.45	594176.17	115.084	GROUNDWATER WELL	5/4/2009	IN-USE	37.08	ft				5/4/2009	35.91
C7127	399-1-50	116428.03	594179.99	115.044	GROUNDWATER WELL	4/30/2009	IN-USE	37	ft				4/30/2009	35.9
C7128	399-1-51	116414.85	594176.71	115.134	GROUNDWATER WELL	4/29/2009	IN-USE	39.5	ft				4/29/2009	35.97
C7129	399-1-52	116419.38	594180.71	115.118	GROUNDWATER WELL	5/1/2009	IN-USE	37.2	ft				5/1/2009	35.84
C7130	399-1-53	116423.93	594184.69	115.111	GROUNDWATER WELL	5/4/2009	IN-USE	36.9	ft				5/4/2009	35.83
A5043	399-2-1	116121.21	594467.21	115.399	GROUNDWATER WELL	11/5/1948	IN-USE	77	ft	33.95	ft	N	11/5/1948	77
A5044	399-2-2	116282.61	594385.69	116.095	GROUNDWATER WELL	10/3/1976	IN-USE	65	ft	37.35	ft	N	10/3/1976	65
A5045	399-2-3	116220.46	594377.44	115.456	GROUNDWATER WELL	10/4/1976	IN-USE	65	ft				10/4/1976	65
A8070	399-2-4	116120.44	594207.22		UNCLASSIFIED		DECOMMISSIONED							
C5708	399-2-5	116068.8	594287.74	115.705	GROUNDWATER WELL	9/4/2007	IN-USE	131	ft			N	10/5/2007	44
C6184	399-2-7	116084.49	594235.2	114.91	GROUNDWATER WELL	6/27/2008	IN-USE	62	ft				7/9/2008	56.6
C6185	399-2-8	116090.31	594243.48	114.923	GROUNDWATER WELL	7/7/2008	IN-USE	60	ft				7/10/2008	56.3
C6186	399-2-9	116089.72	594237.72	114.907	GROUNDWATER WELL	5/12/2008	IN-USE	65	ft				6/4/2008	58.75
C6187	399-2-10	116094.49	594234.56	114.96	GROUNDWATER WELL	7/17/2008	IN-USE	67.5	ft				7/31/2008	59.6
C6188	399-2-11	116074.49	594236.25	114.967	GROUNDWATER WELL	7/16/2008	IN-USE	63.1	ft				8/1/2008	56
C6189	399-2-12	116086.01	594252.45	114.862	GROUNDWATER WELL	6/17/2008	IN-USE	65	ft				6/25/2008	56.3
C6190	399-2-13	116064.59	594237.15	114.96	GROUNDWATER WELL	5/22/2008	IN-USE	62.6	ft				6/2/2008	56.5
C6191	399-2-14	116070.31	594245.18	114.838	GROUNDWATER WELL	6/13/2008	IN-USE	60	ft				6/23/2008	56
C6192	399-2-15	116076.02	594253.3	114.885	GROUNDWATER WELL	6/25/2008	IN-USE	61.5	ft				7/2/2008	56.3
C6193	399-2-16	116081.92	594261.55	114.796	GROUNDWATER WELL	6/24/2008	IN-USE	62	ft				7/17/2008	56.3
C6195	399-2-17	116060.29	594245.11	114.885	GROUNDWATER WELL	6/12/2008	IN-USE	63	ft				6/25/2008	56.5
C6196	399-2-18	116066.13	594254.15	114.861	GROUNDWATER WELL	6/3/2008	IN-USE	65	ft				6/17/2008	58.3

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM_UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
C7119			4in, 33.08ft - 35.57ft	4in, 35.57ft - 35.93ft / 4in, .5ft - 33.08ft			300-FF-5	T10N, R28E, S2	
C7120			4in, 33.01ft - 35.49ft	4in, 35.49ft - 35.85ft / 4in, -.5ft - 33.01ft			300-FF-5	T10N, R28E, S2	
C7121			4in, 33.09ft - 35.59ft	4in, 35.59ft - 35.95ft / 4in, .5ft - 33.09ft			300-FF-5	T10N, R28E, S2	
C7122			4in, 33.07ft - 35.55ft	4in, 35.55ft - 35.93ft / 4in, .5ft - 33.07ft			300-FF-5	T10N, R28E, S2	
C7123			4in, 33.08ft - 35.55ft	4in, .5ft - 33.08ft / 4in, 35.55ft - 35.89ft			300-FF-5	T10N, R28E, S2	
C7124			4in, 33.28ft - 35.78ft	4in, .5ft - 33.28ft / 4in, 35.78ft - 36.14ft			300-FF-5	T10N, R28E, S2	
C7125			4in, 33.05ft - 35.54ft	4in, 35.54ft - 35.9ft / 4in, -.5ft - 33.05ft			300-FF-5	T10N, R28E, S2	
C7126			4in, 33.06ft - 35.55ft	4in, 35.55ft - 35.91ft / 4in, -.5ft - 33.06ft			300-FF-5	T10N, R28E, S2	
C7127			4in, 33.05ft - 35.54ft	4in, 35.54ft - 35.9ft / 4in, -.5ft - 33.05ft			300-FF-5	T10N, R28E, S2	
C7128			4in, 33.11ft - 35.61ft	4in, .5ft - 33.11ft / 4in, 35.61ft - 35.97ft			300-FF-5	T10N, R28E, S2	
C7129			4in, 33ft - 35.49ft	4in, .5ft - 33ft / 4in, 35.49ft - 35.84ft			300-FF-5	T10N, R28E, S2	
C7130			4in, 32.98ft - 35.47ft	4in, 35.47ft - 35.82ft / 4in, -.5ft - 32.98ft			300-FF-5	T10N, R28E, S2	
A5043	47.4	ft		8in, 0ft - 77ft	18ft - 75ft	303-2	300-FF-5	T10N, R28E, S11	
A5044	60	ft	8in, 35ft - 55ft	8in, 0ft - 40ft			300-FF-5	T10N, R28E, S2	
A5045	61.64	ft	6in, 35ft - 55ft	8in, 0ft - 39ft / 6in, 55ft - 65ft			300-FF-5	T10N, R28E, S11	
A8070						SP-1	300-FF-5	T10N, R28E, S11	
C5708			6in, 25.98ft - 40.99ft	6in, 40.99ft - 44ft / 6in, 0ft - 25.98ft		ALF - 959	300-FF-5	T10N, R28E, S11	ALF - 959
C6184			4in, 31.3ft - 56.6ft	4in, .5ft - 31.3ft		VZ-2	300-FF-5	T10N, R28E, S11	
C6185			4in, 31ft - 56.3ft	4in, 0ft - 31ft		VZ-3	300-FF-5	T10N, R28E, S11	
C6186			4in, 33.47ft - 58.75ft	4in, .5ft - 33.47ft		AQ-1	300-FF-5	T10N, R28E, S11	
C6187			4in, 34.7ft - 59.6ft	4in, .5ft - 34.7ft		AQ-2	300-FF-5	T10N, R28E, S11	
C6188			4in, 31ft - 56ft	4in, -.5ft - 31ft		AQ-3	300-FF-5	T10N, R28E, S11	
C6189			4in, 31ft - 56.3ft	4in, .5ft - 31ft		AQ-4	300-FF-5	T10N, R28E, S11	
C6190			4in, 31.2ft - 56.5ft	4in, .5ft - 31.2ft		AQ-5	300-FF-5	T10N, R28E, S11	
C6191			4in, 30.7ft - 56ft	4in, .5ft - 30.7ft		AQ-6	300-FF-5	T10N, R28E, S11	
C6192			4in, 31ft - 56ft	4in, 0ft - 31ft / 4in, 56ft - 56.3ft		AQ-7	300-FF-5	T10N, R28E, S11	
C6193			4in, 31ft - 56.3ft	4in, 0ft - 31ft		AQ-8	300-FF-5	T10N, R28E, S11	
C6195			4in, 31.2ft - 56.5ft	4in, .5ft - 31.2ft		AQ-10	300-FF-5	T10N, R28E, S11	
C6196			4in, 33ft - 58.3ft	4in, .5ft - 33ft		AQ-11	300-FF-5	T10N, R28E, S11	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE _UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
C7119						618-12	300-FF-1	618-12,300-15	300-FF-1, 300-FF-2
C7120						618-12	300-FF-1	300-15,618-12	300-FF-1, 300-FF-2
C7121						618-12	300-FF-1	618-12,300-15,316-2	300-FF-1, 300-FF-2
C7122						618-12	300-FF-1	300-15,618-12	300-FF-1, 300-FF-2
C7123						618-12	300-FF-1	618-12,300-15	300-FF-1, 300-FF-2
C7124						618-12	300-FF-1	300-15,618-12	300-FF-1, 300-FF-2
C7125						618-12	300-FF-1	618-12,300-15	300-FF-1, 300-FF-2
C7126						618-12	300-FF-1	618-12	300-FF-1
C7127						618-12	300-FF-1	618-12	300-FF-1
C7128						618-12	300-FF-1	618-12	300-FF-1
C7129						618-12	300-FF-1	618-12	300-FF-1
C7130						618-12	300-FF-1	618-12	300-FF-1
A5043	3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5044	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5045			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			300-52	300-FF-1
A8070						316-1	300-FF-1	316-1	300-FF-1
C5708	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1
C6184			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1
C6185			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1
C6186			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1
C6187			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1
C6188			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1
C6189			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1
C6190			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1
C6191			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1
C6192			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1
C6193			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1
C6195			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1
C6196			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
C7119	618-12,300-15,316-2	300-FF-1, 300-FF-2	316-5,316-2,618-12,300-15	300-FF-1, 300-FF-2	316-5,332 SF,316-2,300-15,618-12	300-FF-1, 300-FF-2			
C7120	316-2,300-15,618-12	300-FF-1, 300-FF-2	300-15,618-12,316-2,316-5	300-FF-1, 300-FF-2	618-12,300-15,316-2,332 SF,316-5	300-FF-1, 300-FF-2			
C7121	618-12,300-15,316-2	300-FF-1, 300-FF-2	316-5,316-2,618-12,300-15	300-FF-1, 300-FF-2	316-5,316-2,300-15,618-12	300-FF-1, 300-FF-2			
C7122	316-2,300-15,618-12	300-FF-1, 300-FF-2	300-15,618-12,316-2,316-5	300-FF-1, 300-FF-2	618-12,300-15,316-2,316-5,332 SF	300-FF-1, 300-FF-2			
C7123	618-12,300-15,316-2	300-FF-1, 300-FF-2	316-5,316-2,618-12,300-15	300-FF-1, 300-FF-2	332 SF,316-5,316-2,300-15,618-12	300-FF-1, 300-FF-2			4/22/2009
C7124	316-2,300-15,618-12	300-FF-1, 300-FF-2	300-15,618-12,316-2,316-5	300-FF-1, 300-FF-2	618-12,300-15,316-2,316-5,332 SF	300-FF-1, 300-FF-2			
C7125	618-12,300-15,316-2	300-FF-1, 300-FF-2	316-5,316-2,618-12,300-15	300-FF-1, 300-FF-2	332 SF,316-5,316-2,300-15,618-12	300-FF-1, 300-FF-2			
C7126	316-2,300-15,618-12	300-FF-1, 300-FF-2	300-15,618-12,316-2,316-5	300-FF-1, 300-FF-2	618-12,300-15,316-2,316-5,332 SF	300-FF-1, 300-FF-2			
C7127	316-2,300-15,618-12	300-FF-1, 300-FF-2	316-2,316-5,618-12,300-15	300-FF-1, 300-FF-2	300-15,316-2,316-5,332 SF,618-12	300-FF-1, 300-FF-2			
C7128	618-12,300-15	300-FF-1, 300-FF-2	300-15,618-12,316-2	300-FF-1, 300-FF-2	618-12,332 SF,316-5,316-2,300-15	300-FF-1, 300-FF-2			4/28/2009
C7129	300-15,618-12	300-FF-1, 300-FF-2	316-2,618-12,300-15	300-FF-1, 300-FF-2	300-15,316-2,316-5,332 SF,618-12	300-FF-1, 300-FF-2			
C7130	618-12,300-15,316-2	300-FF-1, 300-FF-2	300-15,618-12,316-2	300-FF-1, 300-FF-2	618-12,332 SF,316-5,316-2,300-15	300-FF-1, 300-FF-2			
A5043			300 RFBP	300-FF-1	316-1,300 RFBP	300-FF-1	3/17/2010		
A5044			300-52	300-FF-1	300-52	300-FF-1	12/28/2009		
A5045	300-52	300-FF-1	316-1,300 RFBP,300-52	300-FF-1	300-52,316-1,300 RFBP	300-FF-1	6/17/1996		
A8070	316-1	300-FF-1	316-1	300-FF-1	316-1,300-262,300-52	300-FF-1, 300-FF-2			9/27/1991
C5708	316-1	300-FF-1	UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-34,UPR-300-35,UPR-300-36,UPR-300-37,316-1	300-FF-1, 300-FF-2	UPR-300-37,UPR-300-36,UPR-300-35,UPR-300-33,UPR-300-34,UPR-300-32,UPR-300-31,300 ASH PITS,300 RFBP,316-1,300-262	300-FF-1, 300-FF-2	3/16/2010	3/25/2008	3/25/2008
C6184	316-1	300-FF-1	316-1	300-FF-1	UPR-300-36,UPR-300-37,UPR-300-35,UPR-300-33,UPR-300-34,UPR-300-32,UPR-300-31,316-1,340 COMPLEX,300-262	300-FF-1, 300-FF-2			
C6185	316-1	300-FF-1	316-1	300-FF-1	300-262,316-1,UPR-300-31,UPR-300-32,UPR-300-34,UPR-300-33,UPR-300-35,UPR-300-37,UPR-300-36	300-FF-1, 300-FF-2		5/22/2008	
C6186	316-1	300-FF-1	316-1	300-FF-1	UPR-300-36,UPR-300-35,UPR-300-34,UPR-300-37,UPR-300-33,UPR-300-32,UPR-300-31,316-1,300-262	300-FF-1, 300-FF-2			
C6187	316-1	300-FF-1	316-1	300-FF-1	316-1,300-262,UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-34,UPR-300-37,UPR-300-35,UPR-300-36	300-FF-1, 300-FF-2			
C6188	316-1	300-FF-1	316-1	300-FF-1	UPR-300-37,UPR-300-36,UPR-300-35,UPR-300-34,UPR-300-33,UPR-300-32,UPR-300-31,300-262,316-1,340 COMPLEX,300 ASH PITS	300-FF-1, 300-FF-2			
C6189	316-1	300-FF-1	316-1	300-FF-1	316-1,300-262,UPR-300-31,UPR-300-33,UPR-300-32,UPR-300-34,UPR-300-35,UPR-300-36,UPR-300-37	300-FF-1, 300-FF-2			
C6190	316-1	300-FF-1	316-1	300-FF-1	UPR-300-37,UPR-300-36,UPR-300-35,UPR-300-34,UPR-300-32,UPR-300-33,UPR-300-31,300-262,300-15,316-1,340 COMPLEX,300 ASH PITS	300-FF-1, 300-FF-2			
C6191	316-1	300-FF-1	316-1	300-FF-1	300 ASH PITS,316-1,340 COMPLEX,300-262,UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-34,UPR-300-35,UPR-300-37,UPR-300-36	300-FF-1, 300-FF-2			
C6192	316-1	300-FF-1	316-1	300-FF-1	UPR-300-37,UPR-300-36,UPR-300-35,UPR-300-34,UPR-300-32,UPR-300-33,UPR-300-31,300-262,316-1,340 COMPLEX,300 ASH PITS	300-FF-1, 300-FF-2			
C6193	316-1	300-FF-1	316-1	300-FF-1	300 ASH PITS,316-1,300-262,UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-34,UPR-300-35,UPR-300-36,UPR-300-37	300-FF-1, 300-FF-2			
C6195	316-1	300-FF-1	316-1	300-FF-1	UPR-300-36,UPR-300-37,UPR-300-35,UPR-300-33,UPR-300-34,UPR-300-32,UPR-300-31,300-262,300-15,316-1,300 ASH PITS,340 COMPLEX	300-FF-1, 300-FF-2			
C6196	316-1	300-FF-1	316-1,UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-34,UPR-300-35,UPR-300-36,UPR-300-37	300-FF-1, 300-FF-2	340 COMPLEX,300 ASH PITS,316-1,300-262,UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-34,UPR-300-35,UPR-300-36,UPR-300-37	300-FF-1, 300-FF-2			

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
C7119			4/24/2009	4/24/2009		Hanford (Not in Monument)	300	1-0399-A0001-A0042A
C7120			4/23/2009	4/23/2009		Hanford (Not in Monument)	300	1-0399-A0001-A0043A
C7121			4/20/2009	4/20/2009		Hanford (Not in Monument)	300	1-0399-A0001-A0044A
C7122			4/29/2009	4/29/2009		Hanford (Not in Monument)	300	1-0399-A0001-A0045A
C7123		4/22/2009	4/24/2009	4/24/2009		Hanford (Not in Monument)	300	1-0399-A0001-A0046A
C7124			4/16/2009	4/16/2009		Hanford (Not in Monument)	300	1-0399-A0001-A0047A
C7125			4/28/2009	4/28/2009		Hanford (Not in Monument)	300	1-0399-A0001-A0048A
C7126			5/4/2009	5/4/2009		Hanford (Not in Monument)	300	1-0399-A0001-A0049A
C7127			4/30/2009	4/30/2009		Hanford (Not in Monument)	300	1-0399-A0001-A0050A
C7128		4/28/2009	4/29/2009	4/29/2009		Hanford (Not in Monument)	300	1-0399-A0001-A0051A
C7129			5/1/2009	5/1/2009		Hanford (Not in Monument)	300	1-0399-A0001-A0052A
C7130			5/4/2009	5/4/2009		Hanford (Not in Monument)	300	1-0399-A0001-A0053A
A5043		3/17/2010	2/26/2001	1/6/2006	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0002-A0001A
A5044		12/28/2009	4/26/2004	4/26/2004	12/31/2009	Hanford (Not in Monument)	300	1-0399-A0002-A0002A
A5045		6/17/1996	10/4/1976	10/4/1976	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0002-A0003A
A8070		9/27/1991				Hanford (Not in Monument)	300	1-0399-A0002-A0004A
C5708		3/16/2010	9/4/2007	12/19/2007	6/30/2009	Hanford (Not in Monument)	300	1-0399-A0002-A0005A
C6184			6/27/2008	6/27/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0007A
C6185		5/22/2008	7/7/2008	7/7/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0008A
C6186			5/12/2008	5/12/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0009A
C6187			7/17/2008	7/17/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0010A
C6188			7/16/2008	7/16/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0011A
C6189			6/17/2008	6/17/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0012A
C6190			5/22/2008	5/22/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0013A
C6191			6/13/2008	6/13/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0014A
C6192			6/25/2008	6/25/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0015A
C6193			6/24/2008	6/24/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0016A
C6195			6/12/2008	6/12/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0017A
C6196			6/3/2008	6/3/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0018A

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
C6197	399-2-19	116071.76	594262.72	114.868	GROUNDWATER WELL	5/20/2008	IN-USE	60.8	ft				6/5/2008	56.58
C6198	399-2-20	116077.64	594270.58	114.879	GROUNDWATER WELL	6/25/2008	IN-USE	62	ft				7/8/2008	56.3
C6201	399-2-21	116061.9	594263.3	114.837	GROUNDWATER WELL	6/12/2008	IN-USE	61.7	ft				6/18/2008	56.4
C6202	399-2-22	116073.37	594279.68	114.871	GROUNDWATER WELL	7/14/2008	IN-USE	65	ft				7/29/2008	58.9
C6207	399-2-23	116057.59	594272.27	114.875	GROUNDWATER WELL	7/8/2008	IN-USE	60	ft				7/16/2008	56.3
C6208	399-2-24	116063.29	594280.67	114.889	GROUNDWATER WELL	5/23/2008	IN-USE	67.5	ft				6/6/2008	58.3
C6209	399-2-25	116088.06	594269.21	115.534	GROUNDWATER WELL	7/22/2008	IN-USE	171	ft				7/31/2008	124.9
C6210	399-2-26	116081.03	594243.95	114.922	GROUNDWATER WELL	6/23/2008	IN-USE	62.1	ft				7/31/2008	59.4
C6211	399-2-27	116078.15	594244.12	114.899	GROUNDWATER WELL	7/17/2008	IN-USE	63.5	ft				7/29/2008	59.1
C6212	399-2-28	116079.99	594246.41	114.859	GROUNDWATER WELL	6/27/2008	IN-USE	65	ft				7/11/2008	56.3
C6216	399-2-29	116068.13	594270.82	114.889	GROUNDWATER WELL	6/26/2008	IN-USE	61.5	ft				7/11/2008	55
C6217	399-2-30	116065.52	594271.18	114.914	GROUNDWATER WELL	7/24/2008	IN-USE	64	ft				7/30/2008	59.3
C6218	399-2-31	116067.24	594273.58	114.894	GROUNDWATER WELL	6/19/2008	IN-USE	63	ft				7/20/2008	56.3
C7875	399-2-34	116081	594252.7	114.85	PROPOSED SITE	4/23/2010	IN-USE	41.9	ft				4/30/2010	37.4
C7876	399-2-37	116071	594253.5	114.85	PROPOSED SITE	4/28/2010	IN-USE	40.6	ft				4/29/2010	38.4
A5046	399-3-1	116008.028	594481.297	118.194	GROUNDWATER WELL	10/26/1948	IN-USE	78	ft	41.49	ft	N	10/26/1984	78
A8071	399-3-2	115803.234	593926.733	120.606	GROUNDWATER WELL	10/13/1947	IN-USE	102	ft	59.87	ft	N	10/13/1947	102
A8072	399-3-3	115804.753	594049.574	122.176	GROUNDWATER WELL	2/9/1948	IN-USE	175	ft				2/9/1948	175
A8073	399-3-4A	115829.392	593987.001	123.568	VADOSE WELL	5/1/1951	DECOMMISSIONED	40	ft					

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
C6197			4in, 31.28ft - 56.58ft	4in, -.5ft - 31.28ft		AQ-12	300-FF-5	T10N, R28E, S11	
C6198			4in, 31ft - 56.3ft	4in, .5ft - 31ft		AQ-13	300-FF-5	T10N, R28E, S11	
C6201			4in, 31.1ft - 56.4ft	4in, .5ft - 31.1ft		AQ-16	300-FF-5	T10N, R28E, S11	
C6202			4in, 33.4ft - 58.9ft	4in, .5ft - 33.4ft		AQ-17	300-FF-5	T10N, R28E, S11	
C6207			4in, 31ft - 56.3ft	4in, .5ft - 31ft		AQ-22	300-FF-5	T10N, R28E, S11	
C6208			4in, 33ft - 58.3ft	4in, .5ft - 33ft		AQ-23	300-FF-5	T10N, R28E, S11	
C6209			4in, 62ft - 122ft	4in, 0ft - 62ft / 4in, 122ft - 124.9ft		AQ-24	300-FF-5	T10N, R28E, S11	
C6210			4in, 30ft - 35ft	4in, .5ft - 30ft / 4in, 35ft - 59.4ft		AQ-25	300-FF-5	T10N, R28E, S11	
C6211			4in, 54.7ft - 56.7ft	4in, .5ft - 54.7ft / 4in, 56.7ft - 59.1ft		AQ-26	300-FF-5	T10N, R28E, S11	
C6212			4in, 42ft - 44ft	4in, .5ft - 42ft / 4in, 44ft - 56.3ft		AQ-27	300-FF-5	T10N, R28E, S11	
C6216			4in, 29.7ft - 34.7ft	4in, 0ft - 29.7ft / 4in, 34.7ft - 55ft		AQ-31	300-FF-5	T10N, R28E, S11	
C6217			4in, 54.4ft - 56.4ft	4in, -.5ft - 54.4ft / 4in, 56.4ft - 59.3ft		AQ-32	300-FF-5	T10N, R28E, S11	
C6218			4in, 42ft - 44ft	4in, 0ft - 42ft / 4in, 44ft - 56.3ft		AQ-33	300-FF-5	T10N, R28E, S11	
C7875			4in, 22ft - 37ft	4in, .6ft - 22ft / 4in, 37ft - 37.4ft			300-FF-5	T10N, R28E, S11	
C7876			4in, 23ft - 38ft	4in, .65ft - 23ft / 4in, 38ft - 38.4ft			300-FF-5	T10N, R28E, S11	
A5046	82.8	ft		8in, 0ft - 74ft	5, 60ft - 65ft / 55ft - 60ft / 20ft - 45ft	303-1	300-FF-5	T10N, R28E, S11	
A8071	89	ft		10in, 0ft - 102ft	40ft - 75ft	300-3, 3905-3	300-FF-5	T10N, R28E, S11	
A8072				10in, 0ft - 175ft	10, 140ft - 160ft / 10, 85ft - 105ft / 4, 52ft - 82ft	300-4, 3905-4	300-FF-5	T10N, R28E, S11	
A8073						300-3 T.H., 399-3-4	300-FF-5	T10N, R28E, S11	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE_UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
C6197			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1
C6198			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1
C6201						316-1	300-FF-1	316-1	300-FF-1
C6202						316-1	300-FF-1	316-1	300-FF-1
C6207						316-1	300-FF-1	316-1	300-FF-1
C6208						316-1	300-FF-1	316-1	300-FF-1
C6209						316-1	300-FF-1	316-1	300-FF-1
C6210						316-1	300-FF-1	316-1	300-FF-1
C6211						316-1	300-FF-1	316-1	300-FF-1
C6212						316-1	300-FF-1	316-1	300-FF-1
C6216						316-1	300-FF-1	316-1	300-FF-1
C6217						316-1	300-FF-1	316-1	300-FF-1
C6218						316-1	300-FF-1	316-1	300-FF-1
C7875						316-1	300-FF-1	316-1	300-FF-1
C7876						316-1	300-FF-1	316-1	300-FF-1
A5046	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A8071	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			300-214,UPR-300-10	300-FF-2
A8072			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	UPR-300-12	300-FF-2	300-100,UPR-300-12	300-FF-2
A8073								300 RLWS,300 RRLWS,300-214	300-FF-2

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
C6197	316-1	300-FF-1	UPR-300-37,UPR-300-35,UPR-300-36,UPR-300-34,UPR-300-33,UPR-300-31,UPR-300-32,316-1	300-FF-1, 300-FF-2	UPR-300-36,UPR-300-37,UPR-300-35,UPR-300-33,UPR-300-34,UPR-300-32,UPR-300-31,300-262,316-1,300 ASH PITS,340 COMPLEX	300-FF-1, 300-FF-2			
C6198	316-1	300-FF-1	316-1,UPR-300-32,UPR-300-34,UPR-300-33,UPR-300-35,UPR-300-36,UPR-300-31,UPR-300-37	300-FF-1, 300-FF-2	300-262,300 ASH PITS,316-1,UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-34,UPR-300-36,UPR-300-35,UPR-300-37	300-FF-1, 300-FF-2			
C6201	316-1	300-FF-1	UPR-300-36,UPR-300-37,UPR-300-35,UPR-300-34,UPR-300-33,UPR-300-32,UPR-300-31,316-1	300-FF-1, 300-FF-2	UPR-300-36,UPR-300-35,UPR-300-37,UPR-300-33,UPR-300-34,UPR-300-32,UPR-300-31,316-1,300 ASH PITS,340 COMPLEX,300-262	300-FF-1, 300-FF-2			
C6202	316-1	300-FF-1	316-1,UPR-300-32,UPR-300-31,UPR-300-33,UPR-300-34,UPR-300-36,UPR-300-35,UPR-300-37	300-FF-1, 300-FF-2	300-262,300 RFBP,300 ASH PITS,316-1,UPR-300-31,UPR-300-32,UPR-300-34,UPR-300-33,UPR-300-35,UPR-300-36,UPR-300-37	300-FF-1, 300-FF-2			
C6207	316-1,UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-34,UPR-300-35,UPR-300-36,UPR-300-37	300-FF-1, 300-FF-2	UPR-300-37,UPR-300-36,UPR-300-35,UPR-300-34,UPR-300-33,UPR-300-32,UPR-300-31,316-1	300-FF-1, 300-FF-2	UPR-300-36,UPR-300-35,UPR-300-34,UPR-300-37,UPR-300-33,UPR-300-32,UPR-300-31,316-1,300 ASH PITS,340 COMPLEX,300-262	300-FF-1, 300-FF-2			
C6208	UPR-300-37,UPR-300-35,UPR-300-36,UPR-300-33,UPR-300-34,UPR-300-31,UPR-300-32,316-1	300-FF-1, 300-FF-2	316-1,UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-34,UPR-300-35,UPR-300-36,UPR-300-37	300-FF-1, 300-FF-2	300-262,300 RFBP,300 ASH PITS,316-1,UPR-300-31,UPR-300-33,UPR-300-32,UPR-300-34,UPR-300-35,UPR-300-36,UPR-300-37	300-FF-1, 300-FF-2			
C6209	316-1	300-FF-1	316-1	300-FF-1	UPR-300-36,UPR-300-35,UPR-300-37,UPR-300-34,UPR-300-33,UPR-300-32,UPR-300-31,316-1,300-262	300-FF-1, 300-FF-2			
C6210	316-1	300-FF-1	316-1	300-FF-1	300-262,316-1,300 ASH PITS,340 COMPLEX,UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-34,UPR-300-37,UPR-300-35,UPR-300-36	300-FF-1, 300-FF-2			
C6211	316-1	300-FF-1	316-1	300-FF-1	UPR-300-36,UPR-300-37,UPR-300-35,UPR-300-34,UPR-300-32,UPR-300-33,UPR-300-31,340 COMPLEX,300 ASH PITS,316-1,300-262	300-FF-1, 300-FF-2			
C6212	316-1	300-FF-1	316-1	300-FF-1	300-262,316-1,300 ASH PITS,340 COMPLEX,UPR-300-31,UPR-300-32,UPR-300-34,UPR-300-33,UPR-300-35,UPR-300-37,UPR-300-36	300-FF-1, 300-FF-2			
C6216	316-1	300-FF-1	UPR-300-37,UPR-300-36,UPR-300-34,UPR-300-35,UPR-300-33,UPR-300-32,UPR-300-31,316-1	300-FF-1, 300-FF-2	UPR-300-37,UPR-300-35,UPR-300-36,UPR-300-34,UPR-300-33,UPR-300-32,UPR-300-31,300 ASH PITS,316-1,300-262	300-FF-1, 300-FF-2			
C6217	316-1	300-FF-1	UPR-300-32,UPR-300-31,UPR-300-33,UPR-300-34,UPR-300-36,UPR-300-35,UPR-300-37,316-1	300-FF-1, 300-FF-2	300 ASH PITS,316-1,340 COMPLEX,300-262,UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-34,UPR-300-35,UPR-300-37,UPR-300-36	300-FF-1, 300-FF-2			
C6218	316-1	300-FF-1	UPR-300-37,UPR-300-36,UPR-300-34,UPR-300-35,UPR-300-33,UPR-300-32,UPR-300-31,316-1	300-FF-1, 300-FF-2	UPR-300-37,UPR-300-35,UPR-300-36,UPR-300-34,UPR-300-33,UPR-300-32,UPR-300-31,300-262,316-1,300 ASH PITS	300-FF-1, 300-FF-2			
C7875	316-1	300-FF-1	316-1	300-FF-1	316-1,300 ASH PITS,300-262,UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-34,UPR-300-36,UPR-300-35,UPR-300-37	300-FF-1, 300-FF-2			
C7876	316-1	300-FF-1	316-1,UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-35,UPR-300-34,UPR-300-36,UPR-300-37	300-FF-1, 300-FF-2	UPR-300-37,UPR-300-35,UPR-300-36,UPR-300-34,UPR-300-33,UPR-300-32,UPR-300-31,300-262,300 ASH PITS,340 COMPLEX,316-1	300-FF-1, 300-FF-2			
A5046	300-261	300-FF-2	300 FBP,300-261	300-FF-1, 300-FF-2	300-261,300 FBP,300 RFBP	300-FF-1, 300-FF-2	12/30/2009		
A8071	300-214,300-15,300-27,300 RRLWS,300-96,325 WTF,UPR-300-10,PCTTF	300-FF-2	300-15,300-104,300-12,300-214,300-242,300-27,300 RLWS,300 RRLWS,300-96,325 WTF,PCTTF,UPR-300-10	300-FF-2	300 RLWS,300 RRLWS,300-99,300-96,300-98,325 WTF,300-15,300-12,300-103,300-104,300-101,300-27,300-214,300-242,PCTTF,TTTF,UPR-300-12,UPR-300-10,UPR-300-4,UPR-300-43,UPR-300-48	300-FF-2	7/1/2009		
A8072	UPR-300-12,300 RRLWS,300 RLWS,325 WTF,300-100,300-214,300-175,300-15,300-265	300-FF-2	UPR-300-12,325 WTF,300 RLWS,300 RRLWS,300-99,300-265,300-214,300-100,300-175,300-15	300-FF-2	300-265,300-214,300-175,300-184,300-239,300-242,300-12,300-15,300-102,300-100,325 WTF,300-98,300-99,300-74,300 RLWS,300 RRLWS,TTTF,PCTTF,UPR-300-48,UPR-300-12,UPR-300-10	300-FF-2	11/6/2000		
A8073	300 RRLWS,300 RLWS,325 WTF,300-242,300-214	300-FF-2	300 RRLWS,300 RLWS,300-99,300-265,300-214,300-242,300-15,300-175,300-12,UPR-300-12,UPR-300-10,325 WTF,PCTTF,TTTF	300-FF-2	325 WTF,300 RLWS,300 RRLWS,300-98,300-96,300-99,300-12,300-15,300-104,300-100,300-102,300-101,300-265,300-27,300-214,300-175,300-242,PCTTF,TTTF,UPR-300-48,UPR-300-10,UPR-300-12	300-FF-2			

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
C6197			5/20/2008	5/20/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0019A
C6198			6/25/2008	6/25/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0020A
C6201			6/12/2008	6/12/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0021A
C6202			7/14/2008	7/14/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0022A
C6207			7/8/2008	7/8/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0023A
C6208			5/23/2008	5/23/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0024A
C6209			7/22/2008	7/22/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0025A
C6210			6/23/2008	6/23/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0026A
C6211			7/17/2008	7/17/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0027A
C6212			6/27/2008	6/27/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0028A
C6216			6/26/2008	6/26/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0029A
C6217			7/24/2008	7/24/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0030A
C6218			6/19/2008	6/19/2008		Hanford (Not in Monument)	300	1-0399-A0002-A0031A
C7875			4/23/2010	4/23/2010		Hanford (Not in Monument)	300	1-0399-A0002-A0034A
C7876			4/28/2010	4/28/2010		Hanford (Not in Monument)	300	1-0399-A0002-A0037A
A5046		12/30/2009	2/28/2001	7/13/2005	12/31/2009	Hanford (Not in Monument)	300	1-0399-A0003-A0001A
A8071		7/1/2009	2/20/1994	10/20/2005	7/1/2009	Hanford (Not in Monument)	300	1-0399-A0003-A0002A
A8072		11/6/2000	2/20/1994	2/20/1994	10/30/1997	Hanford (Not in Monument)	300	1-0399-A0003-A0003A
A8073			5/1/1951	5/1/1951		Hanford (Not in Monument)	300	1-0399-A0003-A0004A

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
A8074	399-3-4B	115966.417	593985.013		UNCLASSIFIED	5/31/1951	DECOMMISSIONED	31	ft					
A8075	399-3-5	115861.253	593873.851	122.348	VADOSE WELL	5/31/1951	DECOMMISSIONED	40	ft					
A5049	399-3-6	115944.403	593927.103	120.757	GROUNDWATER WELL	8/1/1943	IN-USE	85	ft	49.86	ft		8/1/1943	85
A5050	399-3-7	115972.52	594047.078	121.177	GROUNDWATER WELL	1/31/1944	DECOMMISSIONED	86	ft					
A8076	399-3-8	115926.168	594170.771	119.172	GROUNDWATER WELL	3/31/1970	DECOMMISSIONED	48	ft				3/31/1970	48
A5051	399-3-9	115917.925	594504.508	119.319	GROUNDWATER WELL	8/30/1976	IN-USE	70	ft	45.47	ft	N	8/30/1976	70
A5047	399-3-10	115832.268	594530.122	118.487	GROUNDWATER WELL	8/31/1976	IN-USE	67	ft	45.37	ft	N	8/31/1976	67
A8077	399-3-11	115793.674	594309.088	121.47	GROUNDWATER WELL	9/17/1976	CANDIDATE FOR DECOMMISSIONING	72	ft	55.05	ft	N	9/17/1976	72
A5048	399-3-12	115946.786	594213.754	119.307	GROUNDWATER WELL	9/30/1980	IN-USE	65	ft	47.33	ft	N	9/30/1980	65
A8078	399-3-13	115910.61	594146.58	118.971	VADOSE WELL	11/5/1991	DECOMMISSIONED							
A8079	399-3-14	115908.68	594188.85	119.563	VADOSE WELL	11/21/1991	DECOMMISSIONED	56	ft					
A8080	399-3-15	115853.8	594211.95	121.961	VADOSE WELL	1/15/1992	DECOMMISSIONED	68	ft					
A8081	399-3-16	115867.6	594350.32	120.172	VADOSE WELL	12/13/1991	DECOMMISSIONED	60	ft					
A8082	399-3-17	115857.72	594274.58	121.117	VADOSE WELL	1/29/1992	DECOMMISSIONED							
C4999	399-3-18	116019.98	594464.71	118.615	GROUNDWATER WELL	3/9/2006	IN-USE	131	ft	41.2	ft		3/29/2006	49.89
C5001	399-3-19	116030.22	594071.94	121.447	GROUNDWATER WELL	4/24/2006	IN-USE	103.5	ft	50.33	ft		5/10/2006	67.45
C5002	399-3-20	115849.7	594375.42	120.448	GROUNDWATER WELL	3/9/2006	IN-USE	95	ft			N	3/29/2006	67.28

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
A8074							300-FF-5	T10N, R28E, S11	
A8075	40	ft				300-4 T.H., 300-4TH	300-FF-5	T10N, R28E, S11	
A5049	76	ft		6in, 0ft - 85ft	2, 42ft - 55ft	300-D1W, 3905-1	300-FF-5	T10N, R28E, S11	
A5050	86	ft				300-D2W, 3905-2	300-FF-5	T10N, R28E, S11	
A8076				8in, 0ft - 48ft	4, 28ft - 48ft		300-FF-5	T10N, R28E, S11	
A5051	61.8	ft	8in, 45ft - 55ft	12in, 0ft - 20ft / 8in, 0ft - 45ft / 6in, 55ft - 70ft			300-FF-5	T10N, R28E, S11	
A5047	64.2	ft	6in, 34ft - 39ft / 6in, 39ft - 49ft	8in, 0ft - 35ft / 6in, 49ft - 67ft			300-FF-5	T10N, R28E, S11	
A8077	69.85	ft	8in, 45ft - 55ft / 8in, 55ft - 65ft	8in, 0ft - 45ft			300-FF-5	T10N, R28E, S11	
A5048	50.1	ft		6in, 0ft - 65ft	4, 35ft - 49ft		300-FF-5	T10N, R28E, S11	
A8078						307-RB-1, 307RB-1, BH 307RB-1, RB-1	300-FF-5	T10N, R28E, S11	
A8079						307-RB-2, 307RB-2, BH 307RB-2, RB-2	300-FF-5	T10N, R28E, S11	
A8080						307T-1, BH 307T-1, T-1	300-FF-5	T10N, R28E, S11	
A8081						307T-2, BH 307T-2, T-2	300-FF-5	T10N, R28E, S11	
A8082						307T-3, BH 307T-3, T-3	300-FF-5	T10N, R28E, S11	
C4999	53.1	ft	6in, 32.86ft - 47.86ft	6in, 0ft - 32.86ft		ALB-326	300-FF-5	T10N, R28E, S11	ALB-326
C5001	76	ft	6in, 40.29ft - 65.42ft	6in, 0ft - 40.29ft		ALB-329	300-FF-5	T10N, R28E, S11	ALB-329
C5002			6in, 40.24ft - 65.26ft	6in, 0ft - 40.24ft		ALB-328	300-FF-5	T10N, R28E, S11	ALB-328

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE _UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
A8074						300-264	300-FF-2	300-15,300-264	300-FF-2
A8075									
A5049	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			300-15	300-FF-2
A5050								300-15	300-FF-2
A8076			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	300 RRLWS,340 COMPLEX,UPR-300-2	300-FF-2	300-15,300-214,300 RRLWS,300 RLWS,307 RB,340 COMPLEX,340 CHWSA,UPR-300-2,UPR-300-41,UPR-300-1,UPR-300-11	300-FF-2
A5051	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			300-261	300-FF-2
A5047	3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			300-261	300-FF-2
A8077			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	618-6	300-FF-2	618-6	300-FF-2
A5048	3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			300-114,340 COMPLEX	300-FF-2
A8078						340 COMPLEX	300-FF-2	340 COMPLEX,300-113,307 RB,300 RLWS,300 RRLWS,300-214,UPR-300-1	300-FF-2
A8079						340 COMPLEX	300-FF-2	300-214,300-15,300 RRLWS,307 RB,300 RLWS,340 COMPLEX	300-FF-2
A8080						316-3	300-FF-2	316-3,300 RLWS,300-265,300-15	300-FF-2
A8081						316-3	300-FF-2	316-3	300-FF-2
A8082						316-3	300-FF-2	316-3,300-15,300-265,300-263,300 RLWS	300-FF-2
C4999	3FF5-300	GROUNDWATER SAMPLE							
C5001	3FF5-300	GROUNDWATER SAMPLE						300-15	300-FF-2
C5002	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
A8074	300-15,300-264	300-FF-2	300-15,300-214,300-264,300-268,300 RRLWS,300 RLWS	300-FF-2	300-26,300-214,300-213,300-211,300-273,300-268,300-264,300-6,300-102,300-11,300-15,300-122,300-123,300-124,300-168,300-167,300-65,300 RRLWS,300 RLWS	300-FF-2			
A8075	300-15,UPR-300-4	300-FF-2	300 RRLWS,300 RLWS,300-214,300-15,UPR-300-4	300-FF-2	300 RLWS,300 RRLWS,300-83,300-96,300-92,325 WTF,323 TANK 4,323 TANK 1,323 TANK 2,323 TANK 3,300-15,300-12,300-149,300-101,300-46,300-35,300-27,300-214,300-186,300-187,300-242,UPR-300-18,UPR-300-10,UPR-300-4	300-FF-2			
A5049	300-264,300-15	300-FF-2	300-15,300-11,300-214,300-211,300-264,300 RRLWS	300-FF-2	UPR-300-42,UPR-300-7,300-253,300-223,300-26,300-187,300-188,300-222,300-211,300-214,300-273,300-268,300-264,300-34,300-6,300-101,300-11,300-15,300-116,300-117,300-124,300-152,300-154,300 RLWS,300 RRLWS,300 PHWSA	300-FF-2	4/2/2010		
A5050	300-15	300-FF-2	300 RLWS,300-264,300-213,300-214,300-15	300-FF-2	300 RLWS,300 RRLWS,340 COMPLEX,300-167,300-168,300-15,300-102,300-6,300-264,300-268,300-213,300-214,300-189,300-191,300-201,300-183,300-239	300-FF-2	8/27/1993		
A8076	300-15,300-214,300-248,300-115,300-113,300-112,340 CHWSA,340 COMPLEX,300 RLWS,300 RRLWS,307 RB,UPR-300-41,UPR-300-2,UPR-300-11,UPR-300-1	300-FF-2	300-15,300-112,300-113,300-114,300-115,300-214,300-248,300 RRLWS,300 RLWS,307 RB,UPR-300-41,UPR-300-1,UPR-300-11,UPR-300-2,340 CHWSA,340 COMPLEX	300-FF-2	300-239,300-248,300-183,300-201,300-191,300-184,300-214,300-265,300-266,300-262,300-114,300-113,300-112,300-115,300-15,340 COMPLEX,340 CHWSA,316-3,300 RRLWS,307 RB,300 RLWS,300 ASH PITS,300-73,UPR-300-41,UPR-300-1,UPR-300-11,UPR-300-2	300-FF-1, 300-FF-2	3/20/1979		
A5051	300-261	300-FF-2	300-261	300-FF-2	300 FBP,300-261	300-FF-1, 300-FF-2	1/5/2010		
A5047	300-261	300-FF-2	300-261,315 RSDF	300-FF-2	315 RSDF,300-261	300-FF-2	4/2/2010		
A8077	618-6	300-FF-2	300 RLWS,300-57,300-265,300-19,300-15,3718-F SF,3718-F TT2,618-6	300-FF-2	300-257,300-25,300-19,300-214,300-263,300-265,300-57,300-37,300-15,316-3,335 & 336 RSDF,300 RLWS,300 RRLWS,3718-F BS,3718-F SF,3718-F TT1,3718-F TT2,618-6,TTTF,PCTTF	300-FF-2	3/16/2010		
A5048	300-214,300-114,300 RLWS,340 COMPLEX	300-FF-2	340 COMPLEX,UPR-300-41,UPR-300-2,UPR-300-11,300-15,300-114,300-115,300-214,300-248,300 RLWS,300 ASH PITS,307 RB,300 RRLWS	300-FF-1, 300-FF-2	340 COMPLEX,300 RRLWS,307 RB,300 RLWS,300 ASH PITS,340 CHWSA,316-3,316-1,300-15,300-114,300-115,300-112,300-113,300-263,300-262,300-214,300-248,UPR-300-2,UPR-300-11,UPR-300-1,UPR-300-41	300-FF-1, 300-FF-2	12/30/2009		
A8078	340 COMPLEX,340 CHWSA,300 RRLWS,307 RB,300 RLWS,300-112,300-113,300-214,UPR-300-2,UPR-300-1,UPR-300-11,UPR-300-41	300-FF-2	307 RB,300 RLWS,300 RRLWS,300-248,300-214,300-112,300-113,300-115,300-15,UPR-300-11,UPR-300-1,UPR-300-2,UPR-300-41,340 CHWSA,340 COMPLEX	300-FF-2	UPR-300-41,UPR-300-1,UPR-300-11,UPR-300-2,300-248,300-239,300-214,300-201,300-191,300-184,300-183,300-266,300-265,300-113,300-114,300-112,300-115,300-15,316-3,340 COMPLEX,340 CHWSA,300-72,300-73,300 RLWS,307 RB,300 RRLWS	300-FF-2			11/4/1991
A8079	UPR-300-41,UPR-300-1,UPR-300-11,UPR-300-2,300-214,300-112,300-15,300 RLWS,307 RB,300 RRLWS,340 CHWSA,340 COMPLEX	300-FF-2	340 CHWSA,340 COMPLEX,316-3,UPR-300-41,UPR-300-2,UPR-300-1,UPR-300-11,300-15,300-115,300-112,300-113,300-114,300-214,300-248,300 RRLWS,300 RLWS,307 RB	300-FF-2	307 RB,300 RRLWS,300 RLWS,300-73,300-72,300 ASH PITS,340 CHWSA,340 COMPLEX,316-3,300-15,300-115,300-112,300-113,300-114,300-266,300-265,300-263,300-262,300-183,300-184,300-201,300-214,300-239,300-248,UPR-300-2,UPR-300-1,UPR-300-11,UPR-300-41	300-FF-1, 300-FF-2			11/20/1991
A8080	300 RRLWS,300 RLWS,316-3,300-15,300-214,300-265	300-FF-2	300 RLWS,300 RRLWS,300-214,300-263,300-265,300-15,316-3,340 COMPLEX	300-FF-2	UPR-300-41,UPR-300-11,UPR-300-1,UPR-300-2,300-25,300-214,300-19,300-263,300-265,300-266,300-114,300-113,300-112,300-15,316-3,340 COMPLEX,340 CHWSA,300-72,300-73,300 RLWS,300 RRLWS,307 RB,PCTTF,TTTF,618-6	300-FF-2			1/15/1992
A8081	300-15,316-3,3718-F BS,3718-F SF	300-FF-2	316-3,3718-F SF,3718-F BS,3718-F TT1,3718-F TT2,618-6,300-15	300-FF-2	618-6,300 RRLWS,300 RLWS,300 ASH PITS,316-3,3718-F BS,3718-F TT2,3718-F TT1,3718-F SF,300-15,300-265,300-263,300-37	300-FF-1, 300-FF-2			12/11/1991
A8082	316-3,300 RLWS,300 RRLWS,300-265,300-263,300-15	300-FF-2	300-15,300-263,300-265,300 RLWS,300 RRLWS,618-6,316-3	300-FF-2	300-263,300-265,300-19,300-214,300-25,300-15,3718-F SF,3718-F TT1,3718-F TT2,3718-F BS,340 COMPLEX,316-3,300 ASH PITS,300 RLWS,300 RRLWS,618-6,TTTF,PCTTF	300-FF-1, 300-FF-2			1/28/1992
C4999			300 FBP,300 RFBP,300-261	300-FF-1, 300-FF-2	300 FBP,300 RFBP,300 ASH PITS,316-1,300-261	300-FF-1, 300-FF-2	4/7/2010		7/26/2006
C5001	300-15	300-FF-2	300-213,300-15,300-167,300-168	300-FF-2	300-256,300-213,300-189,300-201,300-191,300-190,300-183,300-268,300-264,300-33,300-42,300-6,300-15,300-167,300-168,300-65,300 RLWS,340 COMPLEX	300-FF-2	3/16/2010		7/26/2006
C5002	316-3,300-15	300-FF-2	618-6,316-3,3718-F TT1,3718-F SF,3718-F TT2,3718-F BS,300-15	300-FF-2	618-6,300-57,300-37,300-15,316-3,300 ASH PITS,3718-F TT1,3718-F TT2,3718-F SF,3718-F BS	300-FF-1, 300-FF-2	3/16/2010		7/26/2006

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
A8074			5/31/1951	5/31/1951		Hanford (Not in Monument)	300	1-0399-A0003-A0004B
A8075			5/31/1951	5/31/1951		Hanford (Not in Monument)	300	1-0399-A0003-A0005A
A5049		4/2/2010	11/15/1999	7/16/2008	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0003-A0006A
A5050		8/27/1993	1/31/1944	1/31/1944	9/27/1993	Hanford (Not in Monument)	300	1-0399-A0003-A0007A
A8076		3/20/1979	3/31/1970	3/31/1970	1/18/1978	Hanford (Not in Monument)	300	1-0399-A0003-A0008A
A5051		1/5/2010	8/30/1976	7/11/2005	12/31/2009	Hanford (Not in Monument)	300	1-0399-A0003-A0009A
A5047		4/2/2010	4/26/2004	4/26/2004	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0003-A0010A
A8077		3/16/2010	8/6/1992	4/6/2010	8/17/2009	Hanford (Not in Monument)	300	1-0399-A0003-A0011A
A5048		12/30/2009	2/1/1991	9/9/2008	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0003-A0012A
A8078		11/4/1991	11/5/1991	11/5/1991		Hanford (Not in Monument)	300	1-0399-A0003-A0013A
A8079		11/20/1991	11/21/1991	11/21/1991		Hanford (Not in Monument)	300	1-0399-A0003-A0014A
A8080		1/15/1992	1/15/1992	1/15/1992		Hanford (Not in Monument)	300	1-0399-A0003-A0015A
A8081		12/11/1991	12/13/1991	12/13/1991		Hanford (Not in Monument)	300	1-0399-A0003-A0016A
A8082		1/28/1992	1/29/1992	1/29/1992		Hanford (Not in Monument)	300	1-0399-A0003-A0017A
C4999		4/7/2010	10/15/2007	10/15/2007	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0003-A0018A
C5001		3/16/2010	11/20/2007	7/16/2008	12/31/2009	Hanford (Not in Monument)	300	1-0399-A0003-A0019A
C5002		3/16/2010	11/20/2007	11/20/2007	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0003-A0020A

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
C5575	399-3-21	115854.28	594379.75	121.158	GROUNDWATER WELL	4/12/2007	IN-USE	150	ft	49.9	ft	N	5/15/2007	144.93
C5706	399-3-22	115947.53	594217.71	119.241	GROUNDWATER WELL	11/20/2007	IN-USE	140.5	ft			N	12/4/2007	137.81
C6194	399-3-23	116054.72	594237.9	115.02	GROUNDWATER WELL	7/10/2008	IN-USE	65	ft				8/1/2008	56.4
C6199	399-3-24	116044.6	594238.8	114.978	GROUNDWATER WELL	7/9/2008	IN-USE	65	ft				7/22/2008	56.4
C6200	399-3-25	116056.03	594255.11	114.875	GROUNDWATER WELL	6/16/2008	IN-USE	65	ft				6/25/2008	56.9
C6203	399-3-26	116034.77	594239.81	114.988	GROUNDWATER WELL	5/14/2008	IN-USE	66	ft				5/22/2008	52.31
C6204	399-3-27	116040.66	594247.94	114.936	GROUNDWATER WELL	7/9/2008	IN-USE	62	ft				7/16/2008	56.8
C6205	399-3-28	116045.98	594256.1	114.909	GROUNDWATER WELL	7/8/2008	IN-USE	64.5	ft				8/1/2008	57
C6206	399-3-29	116051.97	594264.27	114.903	GROUNDWATER WELL	6/30/2008	IN-USE	64	ft				7/11/2008	56.3
C6213	399-3-30	116051.35	594246.32	114.879	GROUNDWATER WELL	6/26/2008	IN-USE	61.5	ft				7/1/2008	55.3
C6214	399-3-31	116048.27	594246.73	114.887	GROUNDWATER WELL	6/20/2008	IN-USE	63	ft				7/18/2008	59.6
C6215	399-3-32	116050.05	594249.07	114.884	GROUNDWATER WELL	7/18/2008	IN-USE	63	ft				7/28/2008	56.6
C7874	399-3-35	116085.5	594241.5	114.87	PROPOSED SITE	4/21/2010	IN-USE	41.6	ft				4/29/2010	37.99
A5052	399-4-1	115537.349	594274.1	121.611	GROUNDWATER WELL	2/21/1951	IN-USE	101	ft				2/21/1951	101
A8083	399-4-2	115744.575	594018.688	123.568	VADOSE WELL	5/31/1951	DECOMMISSIONED	41	ft					
A8084	399-4-3	115782.977	594566.343	114.424	VADOSE WELL	4/30/1958	DECOMMISSIONED	100	ft					
A8085	399-4-4	115802.669	594643.112	113.814	VADOSE WELL	5/31/1958	DECOMMISSIONED	40	ft					
A8086	399-4-5	115636.501	594126.853	123.568	GROUNDWATER WELL	8/10/1958	DECOMMISSIONED	196	ft					
A5055	399-4-7	115492.6	594603.236	116.416	GROUNDWATER WELL	11/26/1961	IN-USE	155	ft	37.88	ft		11/26/1961	155
A8088	399-4-8	115224.956	594667.026	117.483	GROUNDWATER WELL	10/31/1971	DECOMMISSIONED	72	ft					
A5056	399-4-9	115741.45	594537.847	117.515	GROUNDWATER WELL	9/26/1976	IN-USE	65	ft			N	9/26/1976	65
A5053	399-4-10	115655.802	594566.442	116.41	GROUNDWATER WELL	9/27/1976	IN-USE	60	ft	38.69	ft	N	9/27/1976	60
A5054	399-4-11	115709.187	594087.926	124.306	GROUNDWATER WELL	11/26/1986	IN-USE	71	ft				11/26/1986	71
A8089	399-4-12	115373	594548		GROUNDWATER WELL	12/1/1980	IN-USE	70	ft					
C5707	399-4-14	115604.7	594396.18	118.792	GROUNDWATER WELL	10/8/2007	IN-USE	136	ft	45.8	ft	N	10/29/2007	60.53
A5057	399-5-1	115525.32	593750.741	121.588	GROUNDWATER WELL	2/19/1951	IN-USE	102	ft				2/19/1951	102
A8091	399-5-2	115454.691	592814.464	120.437	GROUNDWATER WELL	7/31/1954	IN-USE	424	ft	12.72	ft	N		

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM_UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
C5575	148.1	ft	6in, 131.91ft - 141.92ft	6in, 0ft - 131.91ft		ALF-750	300-FF-5	T10N, R28E, S11	ALF-750
C5706			6in, 125.18ft - 134.7ft	6in, 134.7ft - 137.81ft / 6in, 0ft - 125.18ft		ALF - 962	300-FF-5	T10N, R28E, S11	ALF - 962
C6194			4in, 31ft - 56ft	4in, .5ft - 31ft / 4in, 56ft - 56.4ft		AQ-9	300-FF-5	T10N, R28E, S11	
C6199			4in, 31ft - 56.4ft	4in, .5ft - 31ft		AQ-14	300-FF-5	T10N, R28E, S11	
C6200			4in, 31.6ft - 56.9ft	4in, -.5ft - 31.6ft		AQ-15	300-FF-5	T10N, R28E, S11	
C6203			4in, 32ft - 52.31ft	4in, 0ft - 32ft		AQ-18	300-FF-5	T10N, R28E, S11	
C6204			4in, 31.4ft - 56.8ft	4in, .5ft - 31.4ft		AQ-19	300-FF-5	T10N, R28E, S11	
C6205			4in, 31.6ft - 57ft	4in, .5ft - 31.6ft		AQ-20	300-FF-5	T10N, R28E, S11	
C6206			4in, 31ft - 56.3ft	4in, 0ft - 31ft		AQ-21	300-FF-5	T10N, R28E, S11	
C6213			4in, 30ft - 35ft	4in, .5ft - 30ft / 4in, 35ft - 55.3ft		AQ-28	300-FF-5	T10N, R28E, S11	
C6214			4in, 53.2ft - 55.2ft	4in, -.5ft - 53.2ft / 4in, 55.2ft - 59.6ft		AQ-29	300-FF-5	T10N, R28E, S11	
C6215			4in, 42.2ft - 44.2ft	4in, .5ft - 42.2ft / 4in, 44.2ft - 56.6ft		AQ-30	300-FF-5	T10N, R28E, S11	
C7874			4in, 22.59ft - 37.59ft	4in, .4ft - 22.59ft / 4in, 37.59ft - 37.99ft			300-FF-5	T10N, R28E, S11	
A5052				8in, 0ft - 101ft	4, 25ft - 80ft	303-10	300-FF-5	T10N, R28E, S11	
A8083	42	ft				300-1 T.H., 300-1TH	300-FF-5	T10N, R28E, S11	
A8084	100	ft					300-FF-5	T10N, R28E, S11	
A8085	40	ft				699-4-4	300-FF-5	T10N, R28E, S11	
A8086	196	ft					300-FF-5	T10N, R28E, S11	
A5055	49.15	ft		8in, 0ft - 155ft	6, 76ft - 150ft / 1, 44ft - 76ft / 4, 21ft - 44ft	699-53-E16	300-FF-5	T10N, R28E, S11	
A8088	70.95	ft					1100-EM-1	T10N, R28E, S11	
A5056			6in, 38ft - 58ft	8in, 0ft - 38ft / 6in, 58ft - 65ft			300-FF-5	T10N, R28E, S11	
A5053	56.9	ft	6in, 30ft - 50ft	8in, 0ft - 30ft			300-FF-5	T10N, R28E, S11	
A5054			6in, 55ft - 70ft	6in, 0ft - 55ft		S-1	300-FF-5	T10N, R28E, S11	
A8089							300-FF-5	T10N, R28E, S11	
C5707	63.7	ft	6in, 38ft - 58.03ft	6in, 58.03ft - 60.53ft / 6in, 0ft - 38ft		ALF - 960	300-FF-5	T10N, R28E, S11	
A5057				8in, 0ft - 102ft	80ft - 100ft / 23ft - 58ft	303-11	300-FF-5	T10N, R28E, S11	
A8091	40.59	ft				303-13	1100-EM-1	T10N, R28E, S10	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE_UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
C5575	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C5706	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			300-114,340 COMPLEX	300-FF-2
C6194			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1
C6199			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	316-1	300-FF-1	316-1	300-FF-1
C6200						316-1	300-FF-1	316-1	300-FF-1
C6203						316-1	300-FF-1	316-1	300-FF-1
C6204						316-1	300-FF-1	316-1	300-FF-1
C6205						316-1	300-FF-1	316-1	300-FF-1
C6206						316-1	300-FF-1	316-1	300-FF-1
C6213						316-1	300-FF-1	316-1	300-FF-1
C6214						316-1	300-FF-1	316-1	300-FF-1
C6215						316-1	300-FF-1	316-1	300-FF-1
C7874						316-1	300-FF-1	316-1	300-FF-1
A5052	3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	300-217	300-FF-2	300-217	300-FF-2
A8083									
A8084									
A8085									
A8086								300-15,300 RLWS	300-FF-2
A5055	3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			300-15	300-FF-2
A8088									
A5056	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5053	3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			300-15	300-FF-2
A5054	3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			300 RLWS	300-FF-2
A8089	3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			300-15	300-FF-2
C5707	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5057	3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			300-88	300-FF-2
A8091	BASALT_CONF	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
C5575	316-3	300-FF-2	300-15,3718-F SF,3718-F BS,3718-F TT1,3718-F TT2,316-3,618-6	300-FF-2	3718-F SF,3718-F TT1,3718-F TT2,3718-F BS,300 ASH PITS,316-3,300-15,300-37,618-6	300-FF-1, 300-FF-2	3/17/2010	7/3/2007	8/20/2007
C5706	300 RLWS,340 COMPLEX,300-214,300-114	300-FF-2	340 COMPLEX,UPR-300-11,UPR-300-2,300-15,300-114,300-115,300 RLWS,300 ASH PITS,300 RRLWS,300-214	300-FF-1, 300-FF-2	300-263,300-262,300-248,300-214,300-15,300-114,300-115,300-112,300-113,316-3,316-1,340 CHWSA,300 ASH PITS,300 RLWS,300 RRLWS,307 RB,340 COMPLEX,UPR-300-41,UPR-300-1,UPR-300-11,UPR-300-2	300-FF-1, 300-FF-2	3/17/2010	3/25/2008	11/8/2007
C6194	316-1	300-FF-1	300-262,316-1	300-FF-1, 300-FF-2	UPR-300-31,UPR-300-33,UPR-300-32,UPR-300-34,UPR-300-35,UPR-300-36,UPR-300-37,340 COMPLEX,300 ASH PITS,316-1,300-15,300-262	300-FF-1, 300-FF-2			
C6199	316-1	300-FF-1	316-1,300-262	300-FF-1, 300-FF-2	300-262,300-15,316-1,300 ASH PITS,340 COMPLEX,UPR-300-36,UPR-300-35,UPR-300-37,UPR-300-34,UPR-300-33,UPR-300-32,UPR-300-31	300-FF-1, 300-FF-2			
C6200	316-1	300-FF-1	316-1,UPR-300-31,UPR-300-36,UPR-300-35,UPR-300-34,UPR-300-33,UPR-300-32,UPR-300-37	300-FF-1, 300-FF-2	UPR-300-31,UPR-300-33,UPR-300-32,UPR-300-34,UPR-300-36,UPR-300-35,UPR-300-37,340 COMPLEX,300 ASH PITS,316-1,300-262	300-FF-1, 300-FF-2			
C6203	316-1	300-FF-1	UPR-300-37,UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-34,UPR-300-35,UPR-300-36,316-1,300-262	300-FF-1, 300-FF-2	300-262,300-15,316-1,300 ASH PITS,300 RLWS,340 COMPLEX,UPR-300-37,UPR-300-36,UPR-300-35,UPR-300-33,UPR-300-34,UPR-300-32,UPR-300-31	300-FF-1, 300-FF-2			
C6204	316-1	300-FF-1	300-262,316-1,UPR-300-35,UPR-300-34,UPR-300-33,UPR-300-32,UPR-300-31,UPR-300-37,UPR-300-36	300-FF-1, 300-FF-2	UPR-300-31,UPR-300-32,UPR-300-34,UPR-300-33,UPR-300-35,UPR-300-36,UPR-300-37,340 COMPLEX,300 ASH PITS,316-1,300-15,300-262	300-FF-1, 300-FF-2			
C6205	316-1	300-FF-1	UPR-300-37,UPR-300-32,UPR-300-33,UPR-300-35,UPR-300-34,UPR-300-36,UPR-300-31,316-1	300-FF-1, 300-FF-2	300-262,300-15,316-1,300 ASH PITS,340 COMPLEX,UPR-300-37,UPR-300-36,UPR-300-35,UPR-300-34,UPR-300-33,UPR-300-32,UPR-300-31	300-FF-1, 300-FF-2			
C6206	316-1,UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-34,UPR-300-37,UPR-300-36,UPR-300-35	300-FF-1, 300-FF-2	316-1,UPR-300-31,UPR-300-36,UPR-300-35,UPR-300-33,UPR-300-34,UPR-300-32,UPR-300-37	300-FF-1, 300-FF-2	UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-34,UPR-300-35,UPR-300-36,UPR-300-37,300 ASH PITS,316-1,340 COMPLEX,300-262	300-FF-1, 300-FF-2			
C6213	316-1	300-FF-1	316-1,UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-35,UPR-300-34,UPR-300-36,UPR-300-37	300-FF-1, 300-FF-2	UPR-300-31,UPR-300-34,UPR-300-33,UPR-300-32,UPR-300-36,UPR-300-37,UPR-300-35,300 ASH PITS,316-1,340 COMPLEX,300-15,300-262	300-FF-1, 300-FF-2			
C6214	316-1	300-FF-1	UPR-300-36,UPR-300-37,UPR-300-35,UPR-300-34,UPR-300-32,UPR-300-33,UPR-300-31,316-1	300-FF-1, 300-FF-2	300-262,300-15,340 COMPLEX,316-1,300 ASH PITS,UPR-300-35,UPR-300-36,UPR-300-37,UPR-300-32,UPR-300-34,UPR-300-33,UPR-300-31	300-FF-1, 300-FF-2			
C6215	316-1	300-FF-1	316-1,UPR-300-31,UPR-300-32,UPR-300-33,UPR-300-34,UPR-300-35,UPR-300-36,UPR-300-37	300-FF-1, 300-FF-2	UPR-300-31,UPR-300-33,UPR-300-34,UPR-300-32,UPR-300-36,UPR-300-37,UPR-300-35,300 ASH PITS,316-1,340 COMPLEX,300-15,300-262	300-FF-1, 300-FF-2			
C7874	316-1	300-FF-1	316-1	300-FF-1	UPR-300-31,UPR-300-34,UPR-300-33,UPR-300-32,UPR-300-37,UPR-300-36,UPR-300-35,300-262,316-1	300-FF-1, 300-FF-2			
A5052	300-217	300-FF-2	300-217	300-FF-2	300-217,300-202	300-FF-2	1/5/2010		
A8083	UPR-300-12,UPR-300-48	300-FF-2	UPR-300-12,UPR-300-48,300-98	300-FF-2	TTTF,PCTTF,300-96,300-98,300-99,300 RLWS,300 RRLWS,325 WTF,300-15,300-100,300-265,300-175,300-214,UPR-300-48,UPR-300-12,UPR-300-10	300-FF-2			
A8084			300-261	300-FF-2	300-257,300-261,300-15,315 RSDF	300-FF-2			
A8085									
A8086	UPR-300-47,300-23,300-15,300-87,300 RLWS	300-FF-1, 300-FF-2	300-23,300-87,300-75,300 RLWS,309-WS-3,300-15,UPR-300-5,UPR-300-47	300-FF-1, 300-FF-2	300 RLWS,309-WS-3,309-WS-2,309-WS-1,309-TW-3,309-TW-2,309-TW-1,300-87,300-77,300-75,300-15,300-255,300-225,300-23,300-204,300-22,300-2,UPR-300-5,UPR-300-47	300-FF-1, 300-FF-2	8/7/1978		
A5055	300-15	300-FF-2	300-15	300-FF-2	300-15,331 LSLT1,331 LSLT2	300-FF-2	1/5/2010		
A8088			300-17	300-FF-2	300-15,300-14,300-17	300-FF-2	2/15/1974		
A5056	300-15,300-257,300-261	300-FF-2	300-15,300-257,300-261	300-FF-2	300-257,300-261,300-15,300-111,315 RSDF	300-FF-2	1/4/2010		
A5053	300-15	300-FF-2	300-257,300-261,300-111,300-15	300-FF-2	300-257,300-261,300-15,300-111	300-FF-2	1/5/2010		
A5054	300-22,300-15,300-77,300 RLWS	300-FF-2	300-15,300-22,309-WS-2,300 RLWS,300-77	300-FF-2	300-15,300-255,300-23,300-225,300-22,300-214,300-204,300 RRLWS,300 RLWS,309-TW-1,309-TW-2,309-TW-3,309-WS-1,309-WS-2,309-WS-3,300-75,300-77,300-87,UPR-300-12,UPR-300-48,UPR-300-5,UPR-300-47	300-FF-1, 300-FF-2	4/7/2010		
A8089	300-15,TTTF	300-FF-2	300-15,331 LSLT1,331 LSLT2,TTTF,BTTF	300-FF-2	331 LSLT1,331 LSLDF,331 LSLT2,300-269,300-15,300-106,300-107,300-108,TTTF,BTTF	300-FF-2	1/5/2010		
C5707			300-15	300-FF-2	300-15,300-118,300-119,300-120,300-121,300-257	300-FF-2	3/17/2010	3/25/2008	
A5057	300-15,300-88,300-91	300-FF-2	300-241,300-88,300-91,300-15	300-FF-2	300-88,300-89,300-91,300-86,300-15,300-241	300-FF-2	1/21/2008		
A8091	600-22	300-FF-2	600-22	300-FF-2	600-22	300-FF-2	6/29/2007		

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
C5575		3/17/2010	4/12/2007	4/12/2007	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0003-A0021A
C5706		3/17/2010	11/20/2007	12/19/2007	7/8/2009	Hanford (Not in Monument)	300	1-0399-A0003-A0022A
C6194			7/10/2008	7/10/2008		Hanford (Not in Monument)	300	1-0399-A0003-A0023A
C6199			7/9/2008	7/9/2008		Hanford (Not in Monument)	300	1-0399-A0003-A0024A
C6200			6/16/2008	6/16/2008		Hanford (Not in Monument)	300	1-0399-A0003-A0025A
C6203			5/14/2008	5/14/2008		Hanford (Not in Monument)	300	1-0399-A0003-A0026A
C6204			7/9/2008	7/9/2008		Hanford (Not in Monument)	300	1-0399-A0003-A0027A
C6205			7/8/2008	7/8/2008		Hanford (Not in Monument)	300	1-0399-A0003-A0028A
C6206			6/30/2008	6/30/2008		Hanford (Not in Monument)	300	1-0399-A0003-A0029A
C6213			6/26/2008	6/26/2008		Hanford (Not in Monument)	300	1-0399-A0003-A0030A
C6214			6/20/2008	6/20/2008		Hanford (Not in Monument)	300	1-0399-A0003-A0031A
C6215			7/18/2008	7/18/2008		Hanford (Not in Monument)	300	1-0399-A0003-A0032A
C7874			4/21/2010	4/21/2010		Hanford (Not in Monument)	300	1-0399-A0003-A0035A
A5052		1/5/2010	2/20/2001	7/21/2009	7/7/2009	Hanford (Not in Monument)	300	1-0399-A0004-A0001A
A8083			5/31/1951	5/31/1951		Hanford (Not in Monument)	300	1-0399-A0004-A0002A
A8084			4/30/1958	4/30/1958		Hanford (Not in Monument)	300	1-0399-A0004-A0003A
A8085			5/31/1958	5/31/1958		Offsite (Not in Monument)	Benton County	1-0399-A0004-A0004A
A8086		8/7/1978	8/10/1958	8/10/1958	1/8/1992	Hanford (Not in Monument)	300	1-0399-A0004-A0005A
A5055		1/5/2010	1/31/1991	12/10/2008	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0004-A0007A
A8088		2/15/1974	10/31/1971	10/31/1971	10/11/1973	Hanford (Not in Monument)	300	1-0399-A0004-A0008A
A5056		1/4/2010	1/16/1991	3/1/2010	12/31/2009	Hanford (Not in Monument)	300	1-0399-A0004-A0009A
A5053		1/5/2010	4/26/2004	4/26/2004	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0004-A0010A
A5054		4/7/2010	1/16/1991	1/26/2006	12/31/2009	Hanford (Not in Monument)	300	1-0399-A0004-A0011A
A8089		1/5/2010	2/20/1994	2/20/1994		Hanford (Not in Monument)	300	1-0399-A0004-A0012A
C5707		3/17/2010	10/8/2007	12/19/2007	7/1/2009	Hanford (Not in Monument)	300	1-0399-A0004-A0014A
A5057		1/21/2008	5/5/2000	3/25/2002	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0005-A0001A
A8091		6/29/2007	7/31/1954	6/6/2007	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0005-A0002A

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
A8092	399-5-3	115762.664	593796.095	121.129	VADOSE WELL	5/31/1951	DECOMMISSIONED	36	ft					
A8093	399-5-4A	115736.332	593734.677	120.234	UNCLASSIFIED		DECOMMISSIONED							
A8094	399-5-4B	115739.75	593733.82	121.321	GROUNDWATER WELL	4/30/1993	IN-USE	58.9	ft			N	4/30/1993	
A5058	399-6-1	115807.142	593527.183	119.534	GROUNDWATER WELL	6/2/1950	IN-USE	101	ft	43.13	ft		6/2/1950	101
A8095	399-6-2	115716.704	593730.151	121.623	GROUNDWATER WELL	5/4/1993	IN-USE	65.2	ft				5/4/1993	
A5059	399-8-1	116331.956	593632.233	121.772	GROUNDWATER WELL	4/30/1950	IN-USE	102	ft	50.7	ft			
A5060	399-8-2	116300.418	593202.387	122.348	GROUNDWATER WELL	5/23/1950	IN-USE	119	ft				5/23/1950	119
A5061	399-8-3	116683.648	593626.116	121.351	GROUNDWATER WELL	3/7/1951	IN-USE	102	ft			N	3/7/1951	102
A8096	399-8-4	116296.055	592872.913	121.107	GROUNDWATER WELL	9/25/1979	IN-USE	65	ft				9/25/1979	65
A5416	399-8-5A	116565.517	593384.245	123.028	GROUNDWATER WELL	10/9/1991	IN-USE	72	ft				10/9/1991	72
A5417	399-8-5B	116567.269	593391.994	122.889	GROUNDWATER WELL	12/19/1991	IN-USE	168	ft				12/19/1991	168
A5418	399-8-5C	116573.579	593386.055	122.908	GROUNDWATER WELL	12/20/1991	IN-USE	208	ft				12/20/1991	208
A8097	399-8-5D	116551.944	593385.108		UNCLASSIFIED		DECOMMISSIONED							
A8098	499-S0-7	123458.621	587649.325	168.271	GROUNDWATER WELL	3/31/1972	IN-USE	399	ft					
A8099	499-S0-8	123458.422	587496.909	167.742	GROUNDWATER WELL	3/31/1972	IN-USE	294	ft					
A8100	499-S1-7A	123193.435	587659.793	169.957	UNCLASSIFIED	12/31/1969	DECOMMISSIONED	220	ft					
A8101	499-S1-7B	123206.277	587653.549	168.943	GROUNDWATER WELL	11/11/1969	IN-USE	649	ft	163.1	ft	N		
A8102	499-S1-7C	123284.867	587659.322	168.543	GROUNDWATER WELL	12/31/1969	CANDIDATE FOR DECOMMISSIONING	206	ft					
A8103	499-S1-7D	123178.197	587659.82	169.835	VADOSE WELL	12/31/1969	DECOMMISSIONED	205	ft					
A8104	499-S1-7E	123194.127	587705.203	170.737	VADOSE WELL	12/31/1969	DECOMMISSIONED	210	ft					
A8105	499-S1-7F	123111.173	587674.876	168.079	BORING	12/31/1971	DECOMMISSIONED	127	ft					
A8106	499-S1-8A	123132.891	587549.878	167.927	GROUNDWATER WELL	12/31/1971	DECOMMISSIONED	128	ft					
A8107	499-S1-8B	123178.743	587625.075	167.927	GROUNDWATER WELL	12/31/1971	DECOMMISSIONED	178	ft					
A8108	499-S1-8C	123077.541	587615.505	152.687	GROUNDWATER WELL	12/31/1971	CANDIDATE FOR DECOMMISSIONING	149	ft					
A8109	499-S1-8D	123121.674	587582.814	152.687	BORING	12/31/1971	DECOMMISSIONED	148	ft					
A8110	499-S1-8E	123149.457	587609.889	131.961	BORING	12/31/1971	DECOMMISSIONED	148	ft					
A8111	499-S1-8F	123116.598	587641.036	151.163	BORING	12/31/1971	DECOMMISSIONED	149	ft					
A8112	499-S1-8G	123187.151	587555.571	168.079	BORING	12/31/1971	DECOMMISSIONED	77	ft					
A8113	499-S1-8H	123305.36	587531.28	198.102	VADOSE WELL	12/31/1977	CANDIDATE FOR DECOMMISSIONING	1964	ft	145	ft	N		
A8114	499-S1-8J	123292.802	587524.651	168.665	GROUNDWATER WELL	3/27/1985	IN-USE	400	ft					
A8115	499-S1-8K	123324.466	587647.06		GROUNDWATER WELL	2/28/1983	IN-USE	180	ft			Y		
A8116	499-S1-8L	123320.532	587494.679		VADOSE WELL	2/28/1983	DECOMMISSIONED	180	ft					
A8117	499-S1-8M	123188.83	587641.21		VADOSE WELL	2/28/1983	DECOMMISSIONED	180	ft					
A8118	499-S2-8	123058.002	587597.254	167.927	UNCLASSIFIED	12/1/1971	DECOMMISSIONED	126	ft					
A8119	699-1-1	123921.439	589730.21	131.86	VADOSE WELL	12/31/1974	DECOMMISSIONED	69	ft					
A8120	699-1-18	123948.922	584529.774	164.889	GROUNDWATER WELL	1/31/1958	IN-USE	350	ft	144.35	ft	N	1/31/1958	350
A8121	699-2-1	124267.834	589616.125	139.951	VADOSE WELL	12/31/1974	DECOMMISSIONED	103	ft					

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
A8092	36	ft				300-2 T.H., 300-2- T.H., 300-2TH	300-FF-5	T10N, R28E, S11	
A8093							300-FF-5	T10N, R28E, S11	
A8094			4in, 42ft - 57ft	4in, 0ft - 42ft / 4in, 57ft - 57.3ft			300-FF-5	T10N, R28E, S11	
A5058	61.4	ft		8in, 0ft - 100ft	5, 65ft - 75ft / 5, 25ft - 50ft	303-9	300-FF-5	T10N, R28E, S10	
A8095	60.27	ft	4in, 42.9ft - 58ft	4in, 0ft - 42.9ft / 9in, 19ft - 60.9ft / 4in, 58ft - 58.2ft			300-FF-5	T10N, R28E, S11	
A5059	62.8	ft				303-5	300-FF-5	T10N, R28E, S2	
A5060	77.4	ft		8in, 0ft - 119ft	5, 43ft - 70ft / 5, 98ft - 106ft	303-8	300-FF-5	T10N, R28E, S3	
A5061				8in, 0ft - 102ft	25ft - 80ft / 90ft - 99ft	303-12	300-FF-5	T10N, R28E, S3	
A8096	64	ft		6in, 0ft - 65ft	1, 42ft - 60ft		1100-EM-1	T10N, R28E, S3	
A5416	70	ft	3in, 50ft - 70ft	3in, 0ft - 50ft		5A	300-FF-5	T10N, R28E, S3	
A5417	165	ft	4in, 154.2ft - 165ft	4in, 0ft - 106.5ft		5B	300-FF-5	T10N, R28E, S3	
A5418	208	ft	4in, 190.1ft - 205.9ft	4in, 0ft - 187.8ft		5C	300-FF-5	T10N, R28E, S3	
A8097						GC-1	300-FF-5	T10N, R28E, S3	
A8098	399	ft				699-S0-7, FFTF WELL #2, FFTF WELL 2	200-PO-1	T11N, R28E, S18	
A8099	294	ft				699-S0-8, FFTF WELL #1, FFTF WELL 1	200-PO-1	T11N, R28E, S18	
A8100						699-S1-7A, FFTF DH-1	200-PO-1	T11N, R28E, S18	
A8101	500	ft				699-S1-7B, FFTF DH-2	200-PO-1	T11N, R28E, S18	
A8102						699-S1-7C, FFTF DH-3	200-PO-1	T11N, R28E, S18	
A8103						699-S1-7D, FFTF DH-4	200-PO-1	T11N, R28E, S18	
A8104						699-S1-7E, FFTF DH-5	200-PO-1	T11N, R28E, S18	
A8105						699-S1-7F, DH-6	200-PO-1	T11N, R28E, S18	
A8106						699-S1-8A, DH-8	200-PO-1	T11N, R28E, S18	
A8107	178	ft				699-S1-8B, DH-9	200-PO-1	T11N, R28E, S18	
A8108						699-S1-8C, DH-10	200-PO-1	T11N, R28E, S18	
A8109						699-S1-8D, DH-11	200-PO-1	T11N, R28E, S18	
A8110						699-S1-8E, DH-12	200-PO-1	T11N, R28E, S18	
A8111						699-S1-8F, DH-13	200-PO-1	T11N, R28E, S18	
A8112						699-S1-8G, DH-14	200-PO-1	T11N, R28E, S18	
A8113	1835	ft				FFTF WELL #3	200-PO-1	T11N, R28E, S18	
A8114	400	ft				4-T-1, 499-T-1	200-PO-1	T11N, R28E, S18	
A8115	167.5	ft				400 AREA #1, 400AREA #1, 400AREA#1	200-PO-1	T11N, R28E, S18	
A8116	177.6	ft				400 AREA #2, 400AREA #2, 400AREA#2	200-PO-1	T11N, R28E, S18	
A8117						400 AREA #3, 400AREA #3, 400AREA#3	200-PO-1	T11N, R28E, S18	
A8118						699-S2-8, DH-7, FFTF DH-7	200-PO-1	T11N, R28E, S18	
A8119	12	ft				1A-SP-1	200-PO-1	T11N, R28E, S17	
A8120	165.35	ft		8in, 0ft - 320ft / 6in, 109ft - 167.8ft	2, 165ft - 265ft / 109ft - 167.8ft	699-2-17	200-PO-1	T11N, R27E, S14	
A8121	43.5	ft				1A-SP-2	200-PO-1	T11N, R28E, S17	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE _UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
A8092									
A8093									
A8094	3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5058			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A8095	3FF5-300, 3FF5-300-S	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5059			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5060			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			600-235	NONE
A5061			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A8096			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5416	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5417			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5418			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A8097									
A8098	2PO1, 400	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1			400-24	300-FF-2
A8099	2PO1, 400	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1			400-23	300-FF-2
A8100									
A8101									
A8102									
A8103									
A8104									
A8105									
A8106								400 FD7	300-FF-2
A8107								400 FD1A,400 FD1B	300-FF-2
A8108									
A8109									
A8110									
A8111									
A8112								400 FD10A,400-21	300-FF-2
A8113			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1			400-25	300-FF-2
A8114	2PO1, 400, DOH	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1			400-25	300-FF-2
A8115									
A8116									
A8117								400 FD1A,400 FD1B	300-FF-2
A8118									
A8119									
A8120	2PO1	GROUNDWATER SAMPLE							
A8121									

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
A8092			323 TANK 2,323 TANK 3,323 TANK 4,300-15,300-85,300-228	300-FF-2	300-82,300-85,300-83,300-84,300-92,323 TANK 4,323 TANK 3,323 TANK 2,323 TANK 1,300-227,300-228,300-226,300-5,300-15,UPR-300-43,UPR-300-4,UPR-300-18	300-FF-2			
A8093	300-15,300-226,300-5	300-FF-2	300-226,300-227,300-5,300-15	300-FF-2	UPR-300-4,300-15,300-166,300-165,300-5,300-226,300-227,300-228,300-212,323 TANK 1,323 TANK 2,323 TANK 3,323 TANK 4,300-85	300-FF-2			
A8094	300-5,300-226,300-15	300-FF-2	300-15,300-5,300-227,300-226	300-FF-2	300-85,323 TANK 4,323 TANK 3,323 TANK 2,323 TANK 1,300-212,300-228,300-227,300-226,300-5,300-165,300-166,300-15,UPR-300-4	300-FF-2	12/30/2009		
A5058			600-255	300-FF-2	600-255	300-FF-2	9/15/2000		
A8095	300-226,300-5	300-FF-2	300-226,300-5,300-15	300-FF-2	300-166,300-165,300-15,300-5,300-227,300-226,300-228	300-FF-2	1/20/2006		
A5059					300-126	300-FF-2	3/17/2010		
A5060	600-235	NONE	600-235	NONE	300 VTS,600-235	NONE, 300-FF-2	9/10/1992		
A5061					300-8	300-FF-2	3/17/2010		
A8096			618-9,618-13	300-FF-2	618-13,618-9	300-FF-2	9/15/1992		
A5416					618-7	300-FF-2	3/17/2010		
A5417					618-7	300-FF-2	8/13/2001		8/8/1991
A5418					618-7	300-FF-2	8/13/2001		8/8/1991
A8097					618-7,300 VTS	300-FF-2			
A8098	400-24	300-FF-2	400-24	300-FF-2	400-2,400-24	300-FF-2	3/4/2009		
A8099	400-23	300-FF-2	400-23	300-FF-2	400-23,400-5,400-6,400-19,437 MASF	300-FF-2	3/4/2009		
A8100	400 FD1B	300-FF-2	400 FD1A,400 FD1B,400 FD2,403 FD	300-FF-2	403 FD,400 SBT,400 FD8,400 FD1A,400 FD1B,400 FD2	300-FF-2	10/30/1970		
A8101	403 FD,400 FD1B	300-FF-2	403 FD,400 FD2,400 FD1A,400 FD1B	300-FF-2	400 FD2,400 FD1B,400 FD1A,400 FD8,400 SBT,403 FD	300-FF-2	1/25/1991		
A8102					400 SBT,403 FD	300-FF-2	1/25/1991		
A8103	400 FD1B,400 FD2	300-FF-2	400 FD1B,400 FD2,403 FD,400 FD1A	300-FF-2	400 SBT,403 FD,400 FD8,400 FD1A,400 FD1B,400 FD2	300-FF-2			
A8104					400 FD2,400 FD1B,400 FD1A,403 FD	300-FF-2			
A8105			400 FD2,400 FD3	300-FF-2	400 FD1A,400 FD1B,400 FD2,400 FD3,400 FD4	300-FF-2			
A8106	400 FD7	300-FF-2	400 FD7,400 FD8,400 FD9,400-31	300-FF-2	400 FD5,400 FD1A,400 FD10,400 FD10A,400-26,400-31,400-20,400-10,400-21,4721 FD,400 FD9,400 FD6,400 FD7,400 FD8	300-FF-2			
A8107	400 FD1B,400 FD1A	300-FF-2	403 FD,400 FD2,400 FD1B,400 FD1A	300-FF-2	400 FD7,400 FD8,400 SBT,403 FD,400-20,400-21,400 FD10A,400 FD2,400 FD1B,400 FD1A	300-FF-2	1/25/1991		
A8108			400 FD4	300-FF-2	400 FD2,400 FD4,400 FD3,400-31,400-10,400 FD8,400 FD7,400 FD6,400 FD5	300-FF-2	8/2/1990		
A8109			400 FD7,400 FD8,400-31	300-FF-2	400 FD6,400 FD4,400 FD7,400 FD8,400 FD9,400-10,400-20,400-21,400-31,400 FD10A,400 FD10,400 FD5,400 FD2,400 FD1A,400 FD1B	300-FF-2			
A8110			400 FD1A,400 FD8,400 FD1B	300-FF-2	400 FD1B,400 FD1A,400 FD2,400 FD10,400 FD10A,400-31,400-21,400-20,400 FD9,400 FD8,400 FD7,403 FD,400 SBT	300-FF-2			
A8111			400 FD2	300-FF-2	400 FD7,400 FD8,400-31,400 FD1A,400 FD3,400 FD4,400 FD1B,400 FD2	300-FF-2			
A8112	400 FD10A,400-20,400-21	300-FF-2	400 FD9,400 FD8,400 FD7,400 FD10,400 FD10A,400-20,400-21	300-FF-2	400 FD1B,400 FD1A,400 FD10A,400 FD10,400-26,400-21,400-20,400 RFD,400 FD8,400 FD7,403 FD,400 FD9,400 SBT,4721 FD	300-FF-2			
A8113	400-25	300-FF-2	400-25	300-FF-2	437 MASF,400 SBT,400 RFD,400-19,400-22,400-25	300-FF-2			
A8114	400-25	300-FF-2	400-25,400-22,400 SBT	300-FF-2	400-25,400-22,400-19,400 RFD,400 SBT	300-FF-2	3/4/2009		
A8115					403 FD	300-FF-2	7/23/2001		
A8116			400-25,400-19	300-FF-2	437 MASF,400 RFD,400 SBT,400-19,400-22,400-25	300-FF-2			
A8117	400 FD1A,400 FD1B	300-FF-2	400 FD1A,403 FD,400 FD2,400 FD1B	300-FF-2	400 FD10A,400 FD1A,400 FD2,400 FD1B,400-21,400 SBT,403 FD,400 FD7,400 FD8	300-FF-2			
A8118			400-31	300-FF-2	400 FD7,400 FD6,400 RST,400-10,400 FD4,400 FD5,400-31	300-FF-2			
A8119									
A8120							7/27/2004		
A8121									

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
A8092			5/31/1951	5/31/1951		Hanford (Not in Monument)	300	1-0399-A0005-A0003A
A8093						Hanford (Not in Monument)	300	1-0399-A0005-A0004A
A8094		12/30/2009	4/30/1993	7/21/2009	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0005-A0004B
A5058		9/15/2000	5/5/2000	5/5/2000	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0006-A0001A
A8095		1/20/2006	5/4/1993	5/4/1993	1/20/2006	Hanford (Not in Monument)	300	1-0399-A0006-A0002A
A5059		3/17/2010	5/10/2000	5/10/2000	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0008-A0001A
A5060		9/10/1992	5/23/1950	5/23/1950	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0008-A0002A
A5061		3/17/2010	3/7/1951	3/1/2010	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0008-A0003A
A8096		9/15/1992	9/25/1979	5/19/2003	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0008-A0004A
A5416		3/17/2010	10/9/1991	10/9/1991	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0008-A0005A
A5417		8/13/2001	12/19/1991	12/19/1991	12/31/2009	Hanford (Not in Monument)	300	1-0399-A0008-A0005B
A5418		8/13/2001	12/20/1991	12/20/1991	3/5/2010	Hanford (Not in Monument)	300	1-0399-A0008-A0005C
A8097						Hanford (Not in Monument)	300	1-0399-A0008-A0005D
A8098		3/4/2009	3/31/1972	3/31/1972		Hanford (Not in Monument)	400	1-0499-S0000A-A0007A
A8099		3/4/2009	10/15/2007	10/15/2007		Hanford (Not in Monument)	400	1-0499-S0000A-A0008A
A8100		10/30/1970	12/31/1969	12/31/1969		Hanford (Not in Monument)	400	1-0499-S0001A-A0007A
A8101		1/25/1991	11/11/1969	11/11/1969	1/25/1991	Hanford (Not in Monument)	400	1-0499-S0001A-A0007B
A8102		1/25/1991	12/31/1969	12/31/1969	1/25/1991	Hanford (Not in Monument)	400	1-0499-S0001A-A0007C
A8103			12/31/1969	12/31/1969		Hanford (Not in Monument)	400	1-0499-S0001A-A0007D
A8104			12/31/1969	12/31/1969		Hanford (Not in Monument)	400	1-0499-S0001A-A0007E
A8105			12/31/1971	12/31/1971		Hanford (Not in Monument)	400	1-0499-S0001A-A0007F
A8106			12/31/1971	12/31/1971	4/10/1996	Hanford (Not in Monument)	400	1-0499-S0001A-A0008A
A8107		1/25/1991	12/31/1971	12/31/1971	1/25/1991	Hanford (Not in Monument)	400	1-0499-S0001A-A0008B
A8108		8/2/1990	12/31/1971	12/31/1971		Hanford (Not in Monument)	400	1-0499-S0001A-A0008C
A8109			12/31/1971	12/31/1971		Hanford (Not in Monument)	400	1-0499-S0001A-A0008D
A8110			12/31/1971	12/31/1971		Hanford (Not in Monument)	400	1-0499-S0001A-A0008E
A8111			12/31/1971	12/31/1971		Hanford (Not in Monument)	400	1-0499-S0001A-A0008F
A8112			12/31/1971	12/31/1971		Hanford (Not in Monument)	400	1-0499-S0001A-A0008G
A8113			12/31/1977	6/11/2008		Hanford (Not in Monument)	400	1-0499-S0001A-A0008H
A8114		3/4/2009	10/15/2007	10/15/2007		Hanford (Not in Monument)	400	1-0499-S0001A-A0008J
A8115		7/23/2001	11/20/2007	11/20/2007		Hanford (Not in Monument)	400	1-0499-S0001A-A0008K
A8116			2/28/1983	2/28/1983		Hanford (Not in Monument)	400	1-0499-S0001A-A0008L
A8117			2/28/1983	2/28/1983		Hanford (Not in Monument)	400	1-0499-S0001A-A0008M
A8118			12/1/1971	12/1/1971		Hanford (Not in Monument)	400	1-0499-S0002A-A0008A
A8119			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0001-A0001A
A8120		7/27/2004	1/17/2000	9/29/2009	3/7/2010	Hanford (Not in Monument)	600	1-0699-A0001-A0018A
A8121			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0002-A0001A

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
A5078	699-2-3	124186.671	588851.674	146.366	GROUNDWATER WELL	10/1/1950	IN-USE	147	ft	91.32	ft		10/1/1950	147
B8077	699-2-6A	123986.996	587920.404	156.308	GROUNDWATER WELL	9/11/1997	IN-USE	142	ft	121.51	ft	N	9/11/1997	
A8122	699-2-7	123980.011	587844.796	157.119	GROUNDWATER WELL	2/1/1978	IN-USE	200	ft	123.5	ft	N	2/1/1978	200
A8124	699-2-E14	124028.406	594061.32	119.725	GROUNDWATER WELL	4/1/1981	IN-USE	1139	ft				4/1/1981	1139
A8127	699-4-1	124615.269	589501.957	145.082	VADOSE WELL	12/31/1974	DECOMMISSIONED	107	ft					
A8128	699-4-5	124747.831	588444.813	147.004	VADOSE WELL	12/31/1974	DECOMMISSIONED	106	ft					
A8129	699-4-6	124584.231	588223.851	148.573	BORING	12/31/1974	DECOMMISSIONED	115	ft					
A8131	699-4-E6	124854.918	591590.559	131.966	GROUNDWATER WELL	9/21/1976	CANDIDATE FOR DECOMMISSIONING	95	ft				9/21/1976	95
A8132	699-4-E16	125319.715	594653.274	113.645	UNCLASSIFIED	5/31/1971	DECOMMISSIONED	110	ft	21.2	ft	N		
A8133	699-5-2	124962.664	589387.961	143.626	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	107	ft					
A8134	699-5-3	125082.619	589095.041	143.44	VADOSE WELL	12/31/1974	DECOMMISSIONED	106	ft					
A8135	699-5-4	124915.166	588769.792	143.538	VADOSE WELL	12/31/1974	DECOMMISSIONED	105	ft					
A8136	699-5-E6	125065.965	591776.079	130.963	VADOSE WELL	12/31/1974	DECOMMISSIONED							
A8137	699-6-1	125417.731	589745.416	135.673	VADOSE WELL	12/31/1974	DECOMMISSIONED	75	ft					
A8138	699-6-2A	125195.767	589319.934	141.653	GROUNDWATER WELL	4/18/1974	CANDIDATE FOR DECOMMISSIONING	916	ft	120.65	ft	N	4/18/1974	916
A8139	699-6-2B	125250.092	589420.266	142.051	VADOSE WELL	12/31/1974	DECOMMISSIONED	104	ft					
A8140	699-6-2C	125310.242	589273.665	141.66	VADOSE WELL	12/31/1974	DECOMMISSIONED	108	ft					
A8141	699-6-6	125228.61	588010.3	147.416	VADOSE WELL	12/31/1974	DECOMMISSIONED	104	ft					
A8143	699-6-E6	125421.815	591691.461	133.921	VADOSE WELL	12/31/1974	DECOMMISSIONED	96	ft					
A8144	699-6-E16	125324.287	594653.266	113.645	UNCLASSIFIED	12/31/1971	DECOMMISSIONED	110	ft					
A8145	699-7-3	125657.63	589159.546	142.181	VADOSE WELL	12/31/1974	DECOMMISSIONED	108	ft					
A8146	699-7-6	125537.252	588207.364	147.642	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING					Y		
A8147	699-7-E1A	125585.033	590070.34	130.096	VADOSE WELL	12/31/1974	DECOMMISSIONED	71	ft					
A8148	699-7-E1B	125655.022	590205.849	130.1	VADOSE WELL	12/31/1974	DECOMMISSIONED	75	ft					
A8149	699-7-E2	125804.843	590563.128	128.925	VADOSE WELL	12/31/1974	DECOMMISSIONED	58	ft					
A8150	699-7-E6	125777.354	591606.571	134.762	VADOSE WELL	12/31/1974	DECOMMISSIONED	99	ft					
A8151	699-8-5	125844.968	588403.672	146.789	UNCLASSIFIED	12/31/1974	CANDIDATE FOR DECOMMISSIONING	86	ft					
A8152	699-8-8A	126054.589	587430.881	149.794	VADOSE WELL	6/30/1963	DECOMMISSIONED	110	ft					
A8153	699-8-8B	126054.589	587430.881	149.794	VADOSE WELL	6/30/1963	DECOMMISSIONED	110	ft					
A5333	699-8-17	126017.907	584674.987	160.271	GROUNDWATER WELL	5/1/1950	IN-USE	200	ft				5/1/1950	200
A8154	699-8-E1	126091.68	590335.212	129.365	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING			44.91	ft	N		
A8155	699-8-E2A	125822.554	590531.116	128.102	VADOSE WELL		DECOMMISSIONED							
A8156	699-8-E2B	125836.146	590524.493	129.001	VADOSE WELL	12/31/1974	DECOMMISSIONED	69	ft					
A8157	699-8-E3A	125822.761	590537.899	130.526	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	82	ft					
A8158	699-8-E3B	125990.994	590872.847	130.739	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	83	ft					
A8159	699-8-E3C	125906.654	590693.162	130.158	VADOSE WELL	12/31/1974	DECOMMISSIONED	90	ft					
A8160	699-9-3	126139.92	589005.415	143.849	UNCLASSIFIED	12/31/1974	CANDIDATE FOR DECOMMISSIONING	116	ft					
A8161	699-9-4	126152.95	588599.707	141.21	VADOSE WELL	12/31/1974	CANDIDATE FOR DECOMMISSIONING	77	ft	73.85	ft	N		
A8162	699-9-E1	126379.507	590110.331	130.864	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING			46.2	ft	N		
A5349	699-9-E2	126132.162	590618.587	128.505	GROUNDWATER WELL	1/17/1958	IN-USE	454	ft	47.85	ft		1/17/1958	454
A8126	699-9-E4A	126345.587	591286.394	137.017	VADOSE WELL	12/31/1974	CANDIDATE FOR DECOMMISSIONING	73	ft			Y		
A8163	699-9-E4B	126157.567	591181.211	134.201	VADOSE WELL	12/31/1974	CANDIDATE FOR DECOMMISSIONING	86	ft			Y		
A8164	699-9-E5A	126311.508	591485.474	139.364	VADOSE WELL	3/16/1974	DECOMMISSIONED	886	ft				3/26/1974	886
A8165	699-9-E5B	126325.091	591506.338	140.865	VADOSE WELL	12/31/1974	CANDIDATE FOR DECOMMISSIONING	120	ft			Y		
A8166	699-9-E5C	126133.155	591521.645	139.048	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	111	ft					
A8167	699-10-0	126665.665	589882.761	131.012	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING			42.8	ft	N		
A8168	699-10-1	126710.732	589686.199	136.198	UNCLASSIFIED	12/31/1972	DECOMMISSIONED	58	ft					
A8169	699-10-2	126691.23	589256.532	135.558	UNCLASSIFIED	12/31/1972	DECOMMISSIONED	59	ft					
A8170	699-10-3A	126570.069	588862.196	138.668	VADOSE WELL	11/26/1972	IN-USE	946.9	ft	71.4	ft	N	11/26/1972	946.9
A8171	699-10-3B	126497.272	588883.588	143.85	VADOSE WELL	12/31/1974	IN-USE	107	ft					
A8172	699-10-3C	126616.801	588897.418		UNCLASSIFIED		DECOMMISSIONED							
A8173	699-10-3D	126601.519	588882.222		VADOSE WELL		DECOMMISSIONED			68.3	ft	Y		80.6
A8174	699-10-3E	126616.74	588876.084		UNCLASSIFIED		DECOMMISSIONED							

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM_UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
A5078	119	ft		8in, 0ft - 147ft	85ft - 123ft	1.9-3.4, USGS #8, USGS NO.8	200-PO-1	T11N, R28E, S17	
B8077			4in, 114.33ft - 134.35ft	4in, 0ft - 114.33ft / 4in, 134.35ft - 134.76ft			200-PO-1	T11N, R28E, S18	
A8122	191.4	ft	6in, 145ft - 165ft	8in, 0ft - 200ft	145ft - 165ft		200-PO-1	T11N, R28E, S18	
A8124				4in, 0ft - 347ft / 6in, 0ft - 325ft		DB-1	300-FF-5	T11N, R28E, S14	
A8127	48.5	ft				1A-SP-3	200-PO-1	T11N, R28E, S8	
A8128	77.5	ft				1B-SP-2	200-PO-1	T11N, R28E, S7	
A8129						1B-SP-1	200-PO-1	T11N, R28E, S7	
A8131	90.3	ft	6in, 66.5ft - 76.5ft / 6in, 76.5ft - 81.5ft / 6in, 81.5ft - 86.5ft	8in, 0ft - 66.7ft			300-FF-5	T11N, R28E, S9	
A8132	90.5	ft					300-FF-5	T11N, R28E, S11	
A8133	81.29	ft				1A-SP-4	200-PO-1	T11N, R28E, S8	
A8134	80.6	ft				1B-SP-4	200-PO-1	T11N, R28E, S8	
A8135	67.1	ft				1B-SP-3	200-PO-1	T11N, R28E, S7	
A8136	43	ft				1C-SP-2	300-FF-5	T11N, R28E, S9	
A8137	41.4	ft				1B-SP-6	300-FF-5	T11N, R28E, S8	
A8138				4in, 0ft - 464ft / 6in, 0ft - 250ft		BH-137	200-PO-1	T11N, R28E, S8	
A8139	44.5	ft				1B-SP-6	300-FF-5	T11N, R28E, S8	
A8140	44.15	ft				1A-SP-5	300-FF-5	T11N, R28E, S8	
A8141	100	ft				B-SP-1	200-PO-1	T11N, R28E, S7	
A8143	51.7	ft				IC-SP-3	300-FF-5	T11N, R28E, S9	
A8144						P-1	300-FF-5	T11N, R28E, S11	
A8145	51.35	ft				1A-SP-6	300-FF-5	T11N, R28E, S8	
A8146	91.1	ft				B-SP-2	300-FF-5	T11N, R28E, S7	
A8147	43.5	ft				1B-SP-7	300-FF-5	T11N, R28E, S8	
A8148	26.95	ft				1B-SP-8	300-FF-5	T11N, R28E, S8	
A8149	56.5	ft				R2-SP-1	300-FF-5	T11N, R28E, S9	
A8150	55.2	ft				1C-SP-4	300-FF-5	T11N, R28E, S9	
A8151	86.2	ft				B-SP-3	300-FF-5	T11N, R28E, S7	
A8152						11/28-6N1, 6N1, SP. 4-5 GSI	200-PO-1	T11N, R28E, S6	
A8153						11/28-6N2, 6N2	200-PO-1	T11N, R28E, S6	
A5333	141.5	ft	8in, 101ft - 158ft	8in, 0ft - 200ft		8.2-17.2, USGS #5, USGS NO.5	200-PO-1	T11N, R27E, S2	
A8154	47.4	ft				R2-SP-2	300-FF-5	T11N, R28E, S5	
A8155	22.8	ft				1B-SP-10	300-FF-5	T11N, R28E, S9	
A8156	3.45	ft				1B-SP-10A	300-FF-5	T11N, R28E, S9	
A8157						1B-SP-11	300-FF-5	T11N, R28E, S9	
A8158						1B-SP-12	300-FF-5	T11N, R28E, S9	
A8159	37.9	ft				1B-SP-11A	300-FF-5	T11N, R28E, S9	
A8160	31.5	ft				1A-SP-7	300-FF-5	T11N, R28E, S5	
A8161	81.5	ft				B-SP-4	300-FF-5	T11N, R28E, S6	
A8162	57.6	ft				R2-SP-3	300-FF-5	T11N, R28E, S5	
A5349	58.92	ft		8in, 0ft - 424ft	1, 190ft - 255ft / 1, 100ft - 125ft / 4, 44ft - 53ft / 1.2, 53ft - 75ft / 1.2, 15ft - 44ft	699-9-E4	300-FF-5	T11N, R28E, S4	
A8126	58.3	ft				DB-18	300-FF-5	T11N, R28E, S4	
A8163	13.7	ft				1B-SP-13	300-FF-5	T11N, R28E, S4	
A8164				3in, 0ft - 464ft / 5in, 0ft - 220ft / 8in, 0ft - 220ft		699-9-E5, BH-138	300-FF-5	T11N, R28E, S4	
A8165	52.5	ft				1B-SP-14	300-FF-5	T11N, R28E, S4	
A8166						1C-SP-5	300-FF-5	T11N, R28E, S4	
A8167	59.1	ft				R2-SP-4	300-FF-5	T11N, R28E, S5	
A8168						B-24	300-FF-5	T11N, R28E, S5	
A8169						B-23	300-FF-5	T11N, R28E, S5	
A8170	232.1	ft		4in, 0ft - 475ft		B-36	300-FF-5	T11N, R28E, S5	
A8171	33.65	ft				1A-SP-8	300-FF-5	T11N, R28E, S5	
A8172							300-FF-5	T11N, R28E, S5	
A8173	80.6	ft		6in, 0ft - 80.6ft			300-FF-5	T11N, R28E, S5	
A8174							300-FF-5	T11N, R28E, S5	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE _UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
A5078	2PO1	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
B8077	2PO1, 400	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A8122	2PO1, 400	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1			400 PPSS	300-FF-2
A8124			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5				
A8127									
A8128									
A8129									
A8131									
A8132									
A8133									
A8134									
A8135									
A8136									
A8137									
A8138									
A8139									
A8140									
A8141									
A8143									
A8144									
A8145									
A8146			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A8147									
A8148									
A8149									
A8150									
A8151									
A8152									
A8153									
A5333	2PO1, 400	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A8154									
A8155									
A8156									
A8157									
A8158									
A8159									
A8160									
A8161									
A8162								600-64	300-FF-2
A5349	2PO1	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A8126									
A8163									
A8164									
A8165									
A8166									
A8167									
A8168									
A8169									
A8170			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A8171									
A8172									
A8173									
A8174									

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
A5078							2/19/2010		
B8077					400 PPSS	300-FF-2	10/26/2009		
A8122	400 PPSS	300-FF-2	400 PPSS	300-FF-2	400 PPSS,600-64	300-FF-2	10/14/2009		
A8124							10/26/2009		
A8127									
A8128					600-64	300-FF-2			
A8129					600-64	300-FF-2			
A8131							10/21/1987		
A8132							4/29/2009		
A8133									
A8134									
A8135									
A8136									
A8137									
A8138									
A8139									
A8140									
A8141									
A8143									
A8144									
A8145					600-64	300-FF-2			
A8146									
A8147			600-235	NONE	600-235	NONE			
A8148									
A8149									
A8150									
A8151									
A8152									
A8153									
A5333							10/26/2009		
A8154									
A8155									
A8156									
A8157									
A8158									
A8159									
A8160									
A8161									
A8162	600-64	300-FF-2	600-64	300-FF-2	600-64	300-FF-2			
A5349							7/25/2007		
A8126									
A8163									
A8164									
A8165									
A8166									
A8167									
A8168									
A8169									
A8170							10/5/2009		
A8171									
A8172									
A8173									
A8174									

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
A5078		2/19/2010	10/5/2007	10/5/2007	3/12/2010	Hanford (Not in Monument)	600	1-0699-A0002-A0003A
B8077		10/26/2009	10/15/2007	11/6/2008	12/2/2008	Hanford (Not in Monument)	600	1-0699-A0002-A0006A
A8122		10/14/2009	10/15/2007	10/15/2007	3/12/2010	Hanford (Not in Monument)	600	1-0699-A0002-A0007A
A8124		10/26/2009	4/1/1981	4/1/1981	3/31/2009	Hanford (Not in Monument)	600	1-0699-A0002-E0014A
A8127			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0004-A0001A
A8128			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0004-A0005A
A8129			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0004-A0006A
A8131		10/21/1987	9/21/1976	9/21/1976	6/14/1996	Hanford (Not in Monument)	600	1-0699-A0004-E0006A
A8132		4/29/2009	5/31/1971	5/31/1971		Monument River (Immed. South of River And Dunes)	600	1-0699-A0004-E0016A
A8133			12/31/1974	12/31/1974	8/11/1994	Hanford (Not in Monument)	600	1-0699-A0005-A0002A
A8134			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0005-A0003A
A8135			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0005-A0004A
A8136			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0005-E0006A
A8137			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0006-A0001A
A8138			4/18/1974	5/10/2005	6/14/1996	Hanford (Not in Monument)	600	1-0699-A0006-A0002A
A8139			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0006-A0002B
A8140			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0006-A0002C
A8141			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0006-A0006A
A8143			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0006-E0006A
A8144			12/31/1971	12/31/1971		Monument River (Immed. South of River And Dunes)	600	1-0699-A0006-E0016A
A8145			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0007-A0003A
A8146						Hanford (Not in Monument)	600	1-0699-A0007-A0006A
A8147			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0007-E0001A
A8148			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0007-E0001B
A8149			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0007-E0002A
A8150			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0007-E0006A
A8151			12/31/1974	12/31/1974	3/25/1993	Hanford (Not in Monument)	600	1-0699-A0008-A0005A
A8152			6/30/1963	6/30/1963		Hanford (Not in Monument)	600	1-0699-A0008-A0008A
A8153			6/30/1963	6/30/1963		Hanford (Not in Monument)	600	1-0699-A0008-A0008B
A5333		10/26/2009	10/15/2007	10/15/2007	3/7/2010	Hanford (Not in Monument)	600	1-0699-A0008-A0017A
A8154						Hanford (Not in Monument)	600	1-0699-A0008-E0001A
A8155						Hanford (Not in Monument)	600	1-0699-A0008-E0002A
A8156			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0008-E0002B
A8157			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0008-E0003A
A8158			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0008-E0003B
A8159			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0008-E0003C
A8160			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0009-A0003A
A8161			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0009-A0004A
A8162						Hanford (Not in Monument)	600	1-0699-A0009-E0001A
A5349		7/25/2007	1/12/2000	6/26/2007	3/12/2010	Hanford (Not in Monument)	600	1-0699-A0009-E0002A
A8126			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0009-E0004A
A8163			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0009-E0004B
A8164			3/16/1974	3/16/1974		Hanford (Not in Monument)	600	1-0699-A0009-E0005A
A8165			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0009-E0005B
A8166			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0009-E0005C
A8167						Hanford (Not in Monument)	600	1-0699-A0010-A0000A
A8168			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0010-A0001A
A8169			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0010-A0002A
A8170		10/5/2009	11/26/1972	11/26/1972		Hanford (Not in Monument)	600	1-0699-A0010-A0003A
A8171			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-A0003B
A8172						Hanford (Not in Monument)	600	1-0699-A0010-A0003C
A8173						Hanford (Not in Monument)	600	1-0699-A0010-A0003D
A8174						Hanford (Not in Monument)	600	1-0699-A0010-A0003E

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
A8175	699-10-3F	126593.66	588880.82		VADOSE WELL		CANDIDATE FOR DECOMMISSIONING					Y		64.2
A8176	699-10-4	126461.998	588797.318	141.62	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING							
A8177	699-10-6	126660.229	588195.343	141.449	VADOSE WELL	12/31/1974	DECOMMISSIONED	94	ft					
A8178	699-10-10	126569.725	586912.816	158.939	VADOSE WELL	3/31/1963	DECOMMISSIONED	125	ft					
A8182	699-10-E3A	126585.259	590964.84	134.306	BORING	12/31/1974	DECOMMISSIONED	249	ft					
A8183	699-10-E3B	126680.725	590972.199	135.189	BORING	12/31/1974	DECOMMISSIONED	300	ft					
A8184	699-10-E3C	126448.363	590986.919	137.628	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	73	ft					
A8185	699-10-E4A	126608.226	591220.01	138.878	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	78	ft					
A8186	699-10-E4B	126555.305	591159.779	137.597	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	81	ft					
A8187	699-10-E4C	126432.144	591118.611	137.018	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	70	ft					
A8188	699-10-E4D	126536.619	591019.254	133.665	BORING	12/31/1974	DECOMMISSIONED	58	ft					
A8189	699-10-E4E	126532.05	591021.096	133.665	BORING	12/31/1974	DECOMMISSIONED	140	ft					
A8190	699-10-E4F	126532.041	591017.742	133.635	BORING	12/31/1974	DECOMMISSIONED	258	ft					
A8191	699-10-E4G	126641.04	591066.84	136.317	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	59	ft					
A8192	699-10-E4H	126703.202	591050.506	135.494	BORING	12/31/1974	DECOMMISSIONED	61	ft					
A8193	699-10-E4J	126700.762	591050.208	135.494	BORING	12/31/1974	DECOMMISSIONED	303	ft					
A8194	699-10-E5A	126580.042	591393.293	143.174	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	96	ft					
A8195	699-10-E5B	126512.173	591441.052	141.62	BORING	12/31/1974	DECOMMISSIONED	122	ft					
A8196	699-10-E6	126495.638	591847.214	144.506	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	130	ft					
A8197	699-10-E7	126660.095	592156.973	143.654	VADOSE WELL	12/31/1974	IN-USE	130	ft					
A5065	699-10-E12	126696.606	593296.236	132.347	PIEZOMETER HOST	8/17/1962	IN-USE	368	ft	74.14	ft	N		
A9578	699-10-E12O	126696.606	593296.236	132.479	HOSTED PIEZOMETER	8/17/1962	DECOMMISSIONED	368	ft				4/30/1965	90
A9579	699-10-E12P	126696.606	593296.236	132.351	HOSTED PIEZOMETER	8/17/1962	IN-USE	368	ft					
A9580	699-10-E12Q	126696.606	593296.236	132.348	HOSTED PIEZOMETER	8/17/1962	IN-USE	368	ft					
A9581	699-10-E12R	126696.606	593296.236	132.464	HOSTED PIEZOMETER	8/17/1962	DECOMMISSIONED	368	ft				6/30/1963	240
A9582	699-10-E12S	126696.606	593296.236	132.464	HOSTED PIEZOMETER	8/17/1962	DECOMMISSIONED	368	ft				6/30/1963	180
A8198	699-11-0A	126934.919	589858.977		UNCLASSIFIED		DECOMMISSIONED							
A8199	699-11-0B	126960.906	589779.969	129.249	BORING	12/31/1972	DECOMMISSIONED	60	ft					
A8200	699-11-1A	127035.403	589719.415		UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING							
A8201	699-11-1B	127027.428	589593.873	136.229	UNCLASSIFIED	12/31/1972	CANDIDATE FOR DECOMMISSIONING	58	ft					
A8202	699-11-1C	126923.851	589609.404	131.078	UNCLASSIFIED	12/31/1972	DECOMMISSIONED	58	ft					
A8203	699-11-1D	126877.792	589487.628	136.076	BORING	12/31/1972	DECOMMISSIONED	59	ft					
A8204	699-11-1E	126792.734	589585.394	136.229	BORING	12/31/1972	DECOMMISSIONED	59	ft					
A8205	699-11-1H	127027.2	589513.11	135.65	UNCLASSIFIED	12/31/1972	CANDIDATE FOR DECOMMISSIONING	58	ft					
A8206	699-11-1J	127027.644	589670.064	134.583	UNCLASSIFIED	12/31/1972	DECOMMISSIONED	60	ft					
A8207	699-11-1K	126893.642	589703.968	130.438	UNCLASSIFIED	12/31/1972	DECOMMISSIONED	58	ft					
A8208	699-11-2	126782.953	589359.894	136.777	BORING	12/31/1972	DECOMMISSIONED	58	ft					
A8209	699-11-3	126855.622	589192.066	137.479	UNCLASSIFIED	12/31/1972	DECOMMISSIONED	58	ft					
A8210	699-11-4	126844.643	588769.326	138.563	VADOSE WELL	12/31/1974	CANDIDATE FOR DECOMMISSIONING	93	ft			Y		
A8211	699-11-5	126844.306	588511.255	140.663	VADOSE WELL	12/31/1974	DECOMMISSIONED	93	ft					
A8212	699-11-6	126699.784	588172.327	142.481	VADOSE WELL	12/31/1974	DECOMMISSIONED	115	ft					
A8218	699-11-E3A	126748.738	590976.28	135.037	BORING	12/31/1974	DECOMMISSIONED	123	ft					
A8219	699-11-E3B	126730.746	590976.329	135.068	BORING	12/31/1974	DECOMMISSIONED	301	ft					
A8220	699-11-E3C	126793.696	590965.23	135.799	BORING	12/31/1974	DECOMMISSIONED	300	ft					
A8221	699-11-E3D	126741.984	590960.137		BORING	12/31/1974	DECOMMISSIONED	300	ft					
A8222	699-11-E4A	126858.75	591095.267	139.426	BORING	12/31/1974	DECOMMISSIONED	78	ft					
A8223	699-11-E4B	126762.01	591254.347	140.28	BORING	12/31/1972	DECOMMISSIONED	90	ft					
A8224	699-11-E4C	126736.65	591015.955	136.165	BORING	12/31/1972	DECOMMISSIONED	300	ft					
A8225	699-11-E4D	126782.847	591070.716	137.994	BORING	12/31/1972	DECOMMISSIONED	70	ft					
A8226	699-11-E4E	126739.608	590983.014	135.311	BORING	12/31/1974	DECOMMISSIONED	656	ft					
A8227	699-11-E5A	126875.69	591350.805	140.81	GROUNDWATER WELL	12/31/1974	IN-USE	121	ft					
A8228	699-11-E8A	126827.653	592481.49	139.96	VADOSE WELL	12/31/1974	DECOMMISSIONED	125	ft					
A8229	699-11-E8B	126747.575	592318.318	137.871	VADOSE WELL	5/11/1974	CANDIDATE FOR DECOMMISSIONING	656	ft				5/11/1974	656
A8230	699-11-E10	126995.47	592806.89	143.26	VADOSE WELL	12/31/1974	CANDIDATE FOR DECOMMISSIONING	130	ft			Y		
A8231	699-12-1A	127109.629	589563.164	135.711	VADOSE WELL	11/30/1972	CANDIDATE FOR DECOMMISSIONING	846.1	ft				11/30/1972	846.1
A8232	699-12-1B	127261.761	589474.351	134.797	UNCLASSIFIED	5/31/1971	IN-USE	251	ft					
A8233	699-12-1C	127261.912	589527.685	134.431	UNCLASSIFIED	4/30/1971	DECOMMISSIONED	117	ft					
A8234	699-12-1D	127262.063	589581.019	133.699	UNCLASSIFIED	4/30/1971	DECOMMISSIONED	150	ft					
A8235	699-12-1E	127203.856	589474.515	134.98	UNCLASSIFIED	4/30/1971	DECOMMISSIONED	108	ft					
A8236	699-12-1F	127204.007	589527.849	134.827	UNCLASSIFIED	4/30/1971	DECOMMISSIONED	150	ft					
A8237	699-12-1G	127204.158	589581.182	134.918	UNCLASSIFIED	3/31/1971	DECOMMISSIONED	99	ft					

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
A8175	64.2	ft		6in, 0ft - 64.2ft			300-FF-5	T11N, R28E, S5	
A8176	74.25	ft				B-SP-5	300-FF-5	T11N, R28E, S5	
A8177	10.2	ft				1D-SP-1	300-FF-5	T11N, R28E, S6	
A8178						SP. 3-4 GSI	200-PO-1	T11N, R27E, S1	
A8182						DB-3	300-FF-5	T11N, R28E, S4	
A8183						DB-11	300-FF-5	T11N, R28E, S4	
A8184						DB-17	300-FF-5	T11N, R28E, S4	
A8185						DB-4	300-FF-5	T11N, R28E, S4	
A8186						DB-6	300-FF-5	T11N, R28E, S4	
A8187						DB-7	300-FF-5	T11N, R28E, S4	
A8188						DB-8	300-FF-5	T11N, R28E, S4	
A8189						DB-8A	300-FF-5	T11N, R28E, S4	
A8190						DB-8 REDRILL	300-FF-5	T11N, R28E, S4	
A8191						DB-9	300-FF-5	T11N, R28E, S4	
A8192						DB-10	300-FF-5	T11N, R28E, S4	
A8193						DB-10A	300-FF-5	T11N, R28E, S4	
A8194						DB-19	300-FF-5	T11N, R28E, S4	
A8195						1C-SP-6	300-FF-5	T11N, R28E, S4	
A8196						1B-SP-15	300-FF-5	T11N, R28E, S4	
A8197	109.6	ft				1B-SP-16, 1B-SP16	300-FF-5	T11N, R28E, S3	
A5065	85.8	ft					300-FF-5	T11N, R28E, S3	
A9578	90	ft					300-FF-5	T11N, R28E, S3	
A9579	365	ft					300-FF-5	T11N, R28E, S3	
A9580	100	ft					300-FF-5	T11N, R28E, S3	
A9581	240	ft					300-FF-5	T11N, R28E, S3	
A9582	180	ft					300-FF-5	T11N, R28E, S3	
A8198						CONS#3WPPSS2, WPPSS2 #3	300-FF-5	T11N, R28E, S5	
A8199						B-16	300-FF-5	T11N, R28E, S5	
A8200						CONS#2WPPSS2	300-FF-5	T11N, R28E, S5	
A8201						B-14	300-FF-5	T11N, R28E, S5	
A8202						B-15	300-FF-5	T11N, R28E, S5	
A8203						B-19	300-FF-5	T11N, R28E, S5	
A8204						B-22	300-FF-5	T11N, R28E, S5	
A8205						B-33	300-FF-5	T11N, R28E, S5	
A8206						B-34	300-FF-5	T11N, R28E, S5	
A8207						B-17	300-FF-5	T11N, R28E, S5	
A8208						B-21	300-FF-5	T11N, R28E, S5	
A8209						B-18	300-FF-5	T11N, R28E, S5	
A8210	39.2	ft				1A-SP-9	300-FF-5	T11N, R28E, S6	
A8211	38.5	ft				1D-SP-2	300-FF-5	T11N, R28E, S6	
A8212	11.4	ft				1D-SP-1A	300-FF-5	T11N, R28E, S6	
A8218						DB-13	300-FF-5	T11N, R28E, S4	
A8219						DB-13A	300-FF-5	T11N, R28E, S4	
A8220						DB-15	300-FF-5	T11N, R28E, S4	
A8221						DB-12	300-FF-5	T11N, R28E, S4	
A8222						DB-2	300-FF-5	T11N, R28E, S4	
A8223						DB-5	300-FF-5	T11N, R28E, S4	
A8224						DB-14	300-FF-5	T11N, R28E, S4	
A8225						DB-16	300-FF-5	T11N, R28E, S4	
A8226						BH-140, DB-1	300-FF-5	T11N, R28E, S4	
A8227						1C-SP-7, 699-11-E5, WNP-1 #2, WPPSS1 #2	300-FF-5	T11N, R28E, S4	
A8228	119.55	ft				1B-SP-17	300-FF-5	T11N, R28E, S3	
A8229				3in, 0ft - 371ft / 6in, 0ft - 150ft		BH-143	300-FF-5	T11N, R28E, S3	
A8230	107.5	ft				1B-SP-18	300-FF-5	T11N, R28E, S3	
A8231				3in, 0ft - 565.5ft		B-12, B-12 CONS.#1, WPPSS 2 CONS.#1	300-FF-5	T11N, R28E, S5	
A8232						B-1	300-FF-5	T11N, R28E, S5	
A8233						B-2	300-FF-5	T11N, R28E, S5	
A8234						B-3	300-FF-5	T11N, R28E, S5	
A8235						B-4	300-FF-5	T11N, R28E, S5	
A8236						B-5	300-FF-5	T11N, R28E, S5	
A8237						B-6	300-FF-5	T11N, R28E, S5	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE _UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
A8175									
A8176									
A8177									
A8178									
A8182									
A8183									
A8184									
A8185									
A8186									
A8187									
A8188									
A8189									
A8190									
A8191									
A8192									
A8193									
A8194									
A8195									
A8196									
A8197									
A5065	2PO1	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A9578									
A9579									
A9580									
A9581									
A9582									
A8198									
A8199									
A8200									
A8201									
A8202									
A8203									
A8204									
A8205									
A8206									
A8207									
A8208									
A8209									
A8210									
A8211									
A8212									
A8218									
A8219									
A8220									
A8221									
A8222									
A8223									
A8224									
A8225									
A8226									
A8227									
A8228									
A8229									
A8230			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A8231									
A8232			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A8233									
A8234									
A8235									
A8236									
A8237									

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
A8175									
A8176									
A8177									
A8178									
A8182									
A8183									
A8184									
A8185									
A8186									
A8187									
A8188									
A8189									
A8190									
A8191									
A8192									
A8193									
A8194									
A8195									
A8196									
A8197									
A5065							2/21/2010		
A9578									
A9579							9/1/1976		
A9580							3/14/1979		
A9581							10/28/1969		
A9582									
A8198									
A8199									
A8200							11/7/1973		
A8201									
A8202									
A8203					600-235	NONE			
A8204									
A8205									
A8206									
A8207									
A8208					600-235	NONE			
A8209									
A8210									
A8211									
A8212									
A8218									
A8219									
A8220									
A8221									
A8222									
A8223									
A8224									
A8225									
A8226									
A8227									
A8228									
A8229									
A8230									
A8231									
A8232									
A8233									
A8234									
A8235									
A8236									
A8237									

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
A8175						Hanford (Not in Monument)	600	1-0699-A0010-A0003F
A8176						Hanford (Not in Monument)	600	1-0699-A0010-A0004A
A8177			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-A0006A
A8178			3/31/1963	3/31/1963		Hanford (Not in Monument)	600	1-0699-A0010-A0010A
A8182			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-E0003A
A8183			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-E0003B
A8184			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-E0003C
A8185			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-E0004A
A8186			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-E0004B
A8187			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-E0004C
A8188			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-E0004D
A8189			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-E0004E
A8190			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-E0004F
A8191			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-E0004G
A8192			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-E0004H
A8193			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-E0004J
A8194			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-E0005A
A8195			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-E0005B
A8196			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-E0006A
A8197			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0010-E0007A
A5065		2/21/2010	9/10/2001	2/1/2006	3/6/2010	Hanford (Not in Monument)	600	1-0699-A0010-E0012A
A9578			8/17/1962	8/17/1962		Hanford (Not in Monument)	600	1-0699-A0010-E0012O
A9579		9/1/1976	8/17/1962	8/17/1962	3/7/2010	Hanford (Not in Monument)	600	1-0699-A0010-E0012P
A9580		3/14/1979	8/17/1962	8/17/1962	3/7/2010	Hanford (Not in Monument)	600	1-0699-A0010-E0012Q
A9581		10/28/1969	8/17/1962	8/17/1962		Hanford (Not in Monument)	600	1-0699-A0010-E0012R
A9582			8/17/1962	8/17/1962		Hanford (Not in Monument)	600	1-0699-A0010-E0012S
A8198						Hanford (Not in Monument)	600	1-0699-A0011-A0000A
A8199			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0011-A0000B
A8200		11/7/1973				Hanford (Not in Monument)	600	1-0699-A0011-A0001A
A8201			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0011-A0001B
A8202			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0011-A0001C
A8203			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0011-A0001D
A8204			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0011-A0001E
A8205			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0011-A0001H
A8206			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0011-A0001J
A8207			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0011-A0001K
A8208			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0011-A0002A
A8209			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0011-A0003A
A8210			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0011-A0004A
A8211			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0011-A0005A
A8212			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0011-A0006A
A8218			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0011-E0003A
A8219			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0011-E0003B
A8220			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0011-E0003C
A8221			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0011-E0003D
A8222			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0011-E0004A
A8223			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0011-E0004B
A8224			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0011-E0004C
A8225			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0011-E0004D
A8226			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0011-E0004E
A8227			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0011-E0005A
A8228			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0011-E0008A
A8229			5/11/1974	5/11/1974		Hanford (Not in Monument)	600	1-0699-A0011-E0008B
A8230			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0011-E0010A
A8231			11/30/1972	11/30/1972		Hanford (Not in Monument)	600	1-0699-A0012-A0001A
A8232			5/31/1971	5/31/1971		Hanford (Not in Monument)	600	1-0699-A0012-A0001B
A8233			4/30/1971	4/30/1971		Hanford (Not in Monument)	600	1-0699-A0012-A0001C
A8234			4/30/1971	4/30/1971		Hanford (Not in Monument)	600	1-0699-A0012-A0001D
A8235			4/30/1971	4/30/1971		Hanford (Not in Monument)	600	1-0699-A0012-A0001E
A8236			4/30/1971	4/30/1971		Hanford (Not in Monument)	600	1-0699-A0012-A0001F
A8237			3/31/1971	3/31/1971		Hanford (Not in Monument)	600	1-0699-A0012-A0001G

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
A8238	699-12-1H	127145.951	589474.679	135.497	UNCLASSIFIED	5/31/1971	DECOMMISSIONED	150	ft					
A8239	699-12-1J	127146.101	589528.012	135.345	UNCLASSIFIED	4/30/1971	DECOMMISSIONED	105	ft					
A8240	699-12-1K	127146.252	589581.346	135.101	UNCLASSIFIED	4/30/1971	DECOMMISSIONED	250	ft					
A8241	699-12-1L	127194.812	589509.589	134.979	UNCLASSIFIED	4/30/1971	DECOMMISSIONED	109	ft					
A8242	699-12-1P	127219.094	589474.472	134.858	UNCLASSIFIED	12/31/1972	DECOMMISSIONED	58	ft					
A8243	699-12-1Q	127219.318	589553.711	134.766	UNCLASSIFIED	12/31/1972	DECOMMISSIONED	58	ft					
A8244	699-12-1R	127091.201	589512.929	136.198	UNCLASSIFIED	12/31/1972	DECOMMISSIONED	61	ft					
A8245	699-12-1S	127091.498	589618.073	135.924	UNCLASSIFIED	12/31/1972	DECOMMISSIONED	61	ft					
A8246	699-12-2A	127212.438	589276.392		VADOSE WELL		DECOMMISSIONED							
A8247	699-12-2B	127091.032	589453.5	135.436	UNCLASSIFIED	12/31/1972	DECOMMISSIONED	152	ft					
C3253	699-12-2C	127205.04	589260.41	136.177	GROUNDWATER WELL	9/5/2001	IN-USE			59.37	ft	N	9/5/2001	
A8248	699-12-3	127227.332	589154.443	135.315	UNCLASSIFIED	12/1/1950	DECOMMISSIONED	110	ft					
A8249	699-12-4A	127210.471	588667.149	136.444	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	83	ft					
A8250	699-12-4B	127098.296	588789.087	137.846	VADOSE WELL	12/31/1974	DECOMMISSIONED	84	ft					
A8251	699-12-4C	127137.873	588773.737	136.81	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	104	ft					
A8252	699-12-4D	127257.72	588689.815	136.782	GROUNDWATER WELL	4/2/1982	IN-USE	150	ft	61.85	ft	N	4/2/1982	150
A8253	699-12-11	127064.499	586415.23	163.512	VADOSE WELL	6/30/1963	DECOMMISSIONED	125	ft					
A8256	699-12-E3	127242.064	590971.495	138.97	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	77	ft					
A8257	699-12-E4	127200.437	591266.841	141.053	VADOSE WELL	12/31/1974	CANDIDATE FOR DECOMMISSIONING	120	ft			Y		
A8258	699-13-0	127580.501	589775.094	127.65	VADOSE WELL	12/31/1974	DECOMMISSIONED	65	ft					
C3256	699-13-0A	127568.79	590060.95	126.953	GROUNDWATER WELL	9/18/2001	IN-USE			34.11	ft	N	9/18/2001	
A8259	699-13-1	127517.807	589488.865		UNCLASSIFIED		DECOMMISSIONED							
A8260	699-13-1A	127427.82	589508.673	135.619	GROUNDWATER WELL	3/16/1973	IN-USE	245	ft				3/16/1973	
A8261	699-13-1B	127335.924	589571.934	134.682	GROUNDWATER WELL	3/16/1973	IN-USE	234	ft				3/16/1973	
A8262	699-13-1C	127321.225	589587.866	135.272	GROUNDWATER WELL		IN-USE							
C3251	699-13-1D	127539.05	589560.74	135.276	UNCLASSIFIED	9/24/2001	IN-USE							
C3798	699-13-1E	127537.15	589560.56	136.198	GROUNDWATER WELL	9/28/2001	IN-USE			62.36	ft	N	9/28/2001	
A8263	699-13-2A	127395.556	589367.304	135.011	UNCLASSIFIED		DECOMMISSIONED							
A8264	699-13-2B	127342.183	589353.74	135.011	UNCLASSIFIED	12/31/1972	DECOMMISSIONED	875	ft					
A8265	699-13-2C	127426.291	589458.647	135.437	UNCLASSIFIED	12/31/1974	CANDIDATE FOR DECOMMISSIONING	82	ft			Y		
C3254	699-13-2D	127372.41	589238.37	136.713	GROUNDWATER WELL	9/20/2001	IN-USE			64.11	ft	N	9/20/2001	
B2540	699-13-3A	127305.02	589137.37	136.42	GROUNDWATER WELL	9/12/1995	IN-USE	77.9	ft	59.25	ft	N	9/12/1995	
A8266	699-13-5	127539.431	588540.643	137.23	VADOSE WELL	12/31/1974	DECOMMISSIONED	86	ft					
A8267	699-13-13A	127555.321	585921.617	165.341	VADOSE WELL	6/30/1963	DECOMMISSIONED	140	ft					
A8268	699-13-13B	127555.321	585921.617	165.341	VADOSE WELL	6/30/1963	DECOMMISSIONED	140	ft					
A8273	699-13-E2A	127588.459	590641.96	136.776	BORING	12/31/1974	DECOMMISSIONED	301	ft					
A8274	699-13-E2C	127346.682	590670.753	134.216	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	57	ft					
A8275	699-13-E2D	127622.392	590667.782		BORING	12/31/1974	DECOMMISSIONED	300	ft					
A8276	699-13-E3A	127431.304	590716.247	135.801	BORING	12/31/1974	DECOMMISSIONED	168	ft					
A8277	699-13-E3B	127431.603	590714.111	135.801	BORING	12/31/1974	DECOMMISSIONED	50	ft					
A8278	699-13-E3C	127431.901	590711.67	135.801	BORING	12/31/1974	DECOMMISSIONED	202	ft					
A8279	699-13-E3D	127505.719	590915.796	137.934	BORING	12/31/1974	DECOMMISSIONED	74	ft					
A8280	699-13-E3E	127635.331	590710.443	138.087	BORING	12/31/1974	DECOMMISSIONED	300	ft					
A8281	699-13-E3F	127600.055	590744.405	138.788	BORING	12/31/1974	DECOMMISSIONED	297	ft					
A8282	699-13-E3G	127537.277	590761.675	136.929	BORING	12/31/1974	DECOMMISSIONED	74	ft					
A8283	699-13-E3H	127347.264	590762.251	135.831	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	70	ft					
A8284	699-13-E3J	127439.341	590851.947	137.568	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	75	ft					
A8285	699-13-E4A	127477.267	591088.207	139.762	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	91	ft					
A8286	699-13-E4B	127348.502	591231.616	142.735	VADOSE WELL	12/31/1974	CANDIDATE FOR DECOMMISSIONING	117	ft			Y		

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
A8238						B-7	300-FF-5	T11N, R28E, S5	
A8239						B-8	300-FF-5	T11N, R28E, S5	
A8240						B-9	300-FF-5	T11N, R28E, S5	
A8241						B-10	300-FF-5	T11N, R28E, S5	
A8242						B-29	300-FF-5	T11N, R28E, S5	
A8243						B-30	300-FF-5	T11N, R28E, S5	
A8244						B-31	300-FF-5	T11N, R28E, S5	
A8245						B-32	300-FF-5	T11N, R28E, S5	
A8246						699-12-2, B-SP-6	300-FF-5	T11N, R28E, S5	
A8247						B-13	300-FF-5	T11N, R28E, S5	
C3253	85.8	ft	4in, 60.6ft - 80.67ft	4in, 0ft - 60.6ft / 4in, 80.67ft - 82.68ft			300-FF-5	T11N, R28E, S5	
A8248	108	ft				1D-SP-4	300-FF-5	T11N, R28E, S5	
A8249						1A-SP-10, 699-12-4	300-FF-5	T11N, R28E, S6	
A8250	25.5	ft				1D-SP-3	300-FF-5	T11N, R28E, S5	
A8251						1D-SP-3A	300-FF-5	T11N, R28E, S6	
A8252	115.8	ft		8in, 0ft - 150ft	16, 65ft - 145ft		300-FF-5	T11N, R28E, S6	
A8253						SP. 2-3 GSI	200-PO-1	T11N, R27E, S1	
A8256						CB-16	300-FF-5	T11N, R28E, S4	
A8257	48.25	ft				1C-SP-8	300-FF-5	T11N, R28E, S4	
A8258	1.2	ft				1D-SP-6	300-FF-5	T11N, R28E, S5	
C3256	55.8	ft	4in, 31.19ft - 51.24ft	4in, 0ft - 31.19ft / 4in, 51.24ft - 53.25ft			300-FF-5	T11N, R28E, S5	
A8259						B-SP-7	300-FF-5	T11N, R28E, S5	
A8260	244.5	ft	8in, 78.5ft - 93.5ft / 8in, 139.5ft - 149.5ft / 8in, 189.5ft - 199.5ft	8in, 0ft - 78.5ft / 8in, 93.5ft - 139.5ft / 8in, 149.5ft - 189.5ft / 8in, 199.5ft - 244.5ft		WPPSS2 #1	300-FF-5	T11N, R28E, S5	
A8261	212.6	ft	8in, 83ft - 103ft / 8in, 124.5ft - 134.5ft / 8in, 173.5ft - 183.5ft / 8in, 221.5ft - 229.5ft	8in, 0ft - 83ft / 8in, 103ft - 124.5ft / 8in, 134.5ft - 173.5ft / 8in, 183.5ft - 221.5ft / 8in, 229.5ft - 234ft		WPPSS2 #2	300-FF-5	T11N, R28E, S5	
A8262							300-FF-5	T11N, R28E, S5	
C3251							300-FF-5	T11N, R28E, S5	
C3798	82.8	ft	4in, 57.67ft - 77.57ft	4in, 0ft - 57.67ft / 4in, 77.57ft - 79.57ft			300-FF-5	T11N, R28E, S5	
A8263							300-FF-5	T11N, R28E, S5	
A8264						B-35	300-FF-5	T11N, R28E, S5	
A8265						1D-SP-5	300-FF-5	T11N, R28E, S5	
C3254	83.4	ft	4in, 57.97ft - 78.03ft	4in, 0ft - 57.97ft / 4in, 78.03ft - 80.05ft			300-FF-5	T11N, R28E, S5	
B2540	77.9	ft	4in, 55.94ft - 76ft	4in, 0ft - 55.94ft / 4in, 76ft - 76.28ft			300-FF-5	T11N, R28E, S5	
A8266	37.8	ft				1A-SP-11	300-FF-5	T11N, R28E, S6	
A8267						SP. 8 GSI	200-PO-1	T11N, R27E, S1	
A8268						SP. 1-2 GSI	200-PO-1	T11N, R27E, S1	
A8273						CB-5	300-FF-5	T11N, R28E, S4	
A8274						CB-14	300-FF-5	T11N, R28E, S4	
A8275							300-FF-5	T11N, R28E, S4	
A8276						CB-3	300-FF-5	T11N, R28E, S4	
A8277						CB-3AA	300-FF-5	T11N, R28E, S4	
A8278						CB-3A	300-FF-5	T11N, R28E, S4	
A8279						CB-4	300-FF-5	T11N, R28E, S4	
A8280						CB-8	300-FF-5	T11N, R28E, S4	
A8281						CB-11	300-FF-5	T11N, R28E, S4	
A8282						CB-12	300-FF-5	T11N, R28E, S4	
A8283						CB-15	300-FF-5	T11N, R28E, S4	
A8284						CB-17	300-FF-5	T11N, R28E, S4	
A8285						CB-18	300-FF-5	T11N, R28E, S4	
A8286	5.229166	ft				1C-SP-10	300-FF-5	T11N, R28E, S4	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE_UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
A8238									
A8239									
A8240									
A8241									
A8242									
A8243									
A8244									
A8245									
A8246			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A8247									
C3253	3FF5N-11BG	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5				
A8248									
A8249									
A8250									
A8251									
A8252	2PO1, 3FF5N-11BG	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A8253									
A8256									
A8257									
A8258									
C3256	3FF5N-11BG	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5				
A8259									
A8260	2PO1	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5				
A8261			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A8262	2PO1, BASALT_CONF	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5				
C3251			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C3798	3FF5N-11BG	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5				
A8263									
A8264									
A8265									
C3254	3FF5N-11BG	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5				
B2540	2PO1, 3FF5N-11BG	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5			618-11	300-FF-2
A8266									
A8267									
A8268									
A8273									
A8274									
A8275									
A8276									
A8277									
A8278									
A8279									
A8280									
A8281									
A8282									
A8283									
A8284									
A8285									
A8286									

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
A8238									
A8239									
A8240									
A8241									
A8242									
A8243									
A8244									
A8245									
A8246					600-235	NONE			
A8247									
C3253			600-235	NONE	600-235	NONE	3/17/2010		
A8248	618-11	300-FF-2	600-235,618-11	NONE, 300-FF-2	600-235,618-11	NONE, 300-FF-2			
A8249					600-97	300-FF-2			
A8250									
A8251					618-11	300-FF-2			
A8252	600-97	300-FF-2	600-97	300-FF-2	600-97	300-FF-2	4/2/2010		
A8253									
A8256									
A8257									
A8258									
C3256							3/4/2010		
A8259							4/5/1974		
A8260							6/27/2007		
A8261							8/31/2000		
A8262							7/24/2009		
C3251							11/16/2001		
C3798							2/19/2010		
A8263									
A8264									
A8265							8/31/2001		
C3254					600-235,UPR-600-22	NONE, 300-FF-2	3/17/2010		
B2540	600-235,618-11	NONE, 300-FF-2	618-11,600-235,UPR-600-22	NONE, 300-FF-2	UPR-600-22,600-235,618-11	NONE, 300-FF-2	3/17/2010		
A8266									
A8267									
A8268									
A8273									
A8274									
A8275									
A8276									
A8277									
A8278									
A8279									
A8280									
A8281									
A8282									
A8283									
A8284									
A8285									
A8286									

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
A8238			5/31/1971	5/31/1971		Hanford (Not in Monument)	600	1-0699-A0012-A0001H
A8239			4/30/1971	4/30/1971		Hanford (Not in Monument)	600	1-0699-A0012-A0001J
A8240			4/30/1971	4/30/1971		Hanford (Not in Monument)	600	1-0699-A0012-A0001K
A8241			4/30/1971	4/30/1971		Hanford (Not in Monument)	600	1-0699-A0012-A0001L
A8242			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0012-A0001P
A8243			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0012-A0001Q
A8244			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0012-A0001R
A8245			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0012-A0001S
A8246						Hanford (Not in Monument)	600	1-0699-A0012-A0002A
A8247			12/31/1972	11/29/2000		Hanford (Not in Monument)	600	1-0699-A0012-A0002B
C3253		3/17/2010	9/5/2001	7/17/2002	3/12/2010	Hanford (Not in Monument)	600	1-0699-A0012-A0002C
A8248			12/1/1950	12/1/1950		Hanford (Not in Monument)	600	1-0699-A0012-A0003A
A8249			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0012-A0004A
A8250			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0012-A0004B
A8251			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0012-A0004C
A8252		4/2/2010	4/2/1982	2/23/2010	3/12/2010	Hanford (Not in Monument)	600	1-0699-A0012-A0004D
A8253			6/30/1963	6/30/1963		Hanford (Not in Monument)	600	1-0699-A0012-A0011A
A8256			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0012-E0003A
A8257			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0012-E0004A
A8258			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-A0000A
C3256		3/4/2010	9/18/2001	7/17/2002	3/12/2010	Hanford (Not in Monument)	600	1-0699-A0013-A0000A
A8259		4/5/1974				Hanford (Not in Monument)	600	1-0699-A0013-A0001A
A8260		6/27/2007	3/16/1973	3/16/1973	3/12/2010	Hanford (Not in Monument)	600	1-0699-A0013-A0001A
A8261		8/31/2000	3/16/1973	3/16/1973	3/12/2010	Hanford (Not in Monument)	600	1-0699-A0013-A0001B
A8262		7/24/2009			3/12/2010	Hanford (Not in Monument)	600	1-0699-A0013-A0001C
C3251		11/16/2001	9/24/2001	9/24/2001		Hanford (Not in Monument)	600	1-0699-A0013-A0001D
C3798		2/19/2010	9/28/2001	2/7/2007	3/12/2010	Hanford (Not in Monument)	600	1-0699-A0013-A0001E
A8263						Hanford (Not in Monument)	600	1-0699-A0013-A0002A
A8264			12/31/1972	12/31/1972		Hanford (Not in Monument)	600	1-0699-A0013-A0002B
A8265		8/31/2001	12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-A0002C
C3254		3/17/2010	9/20/2001	7/17/2002	3/12/2010	Hanford (Not in Monument)	600	1-0699-A0013-A0002D
B2540		3/17/2010	9/12/1995	7/30/2009	3/12/2010	Hanford (Not in Monument)	600	1-0699-A0013-A0003A
A8266			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-A0005A
A8267			6/30/1963	6/30/1963		Hanford (Not in Monument)	600	1-0699-A0013-A0013A
A8268			6/30/1963	6/30/1963		Hanford (Not in Monument)	600	1-0699-A0013-A0013B
A8273			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-E0002A
A8274			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-E0002C
A8275			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-E0002D
A8276			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-E0003A
A8277			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-E0003B
A8278			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-E0003C
A8279			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-E0003D
A8280			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-E0003E
A8281			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-E0003F
A8282			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-E0003G
A8283			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-E0003H
A8284			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-E0003J
A8285			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-E0004A
A8286			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-E0004B

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
A8287	699-13-E4C	127555.925	591181.912	142.171	BORING	12/31/1974	DECOMMISSIONED	122	ft					
A8288	699-13-E14	123527.5	594068.9	119.552	UNCLASSIFIED	12/31/1973	DECOMMISSIONED							
A8289	699-13-E16	127416.502	594685.859	116.451	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	121	ft	74.05	ft			
A8290	699-14-1A	127798.057	589648.914	131.022	VADOSE WELL		DECOMMISSIONED							
A8291	699-14-1B	127823.237	589665.361	129.639	VADOSE WELL		DECOMMISSIONED							
A8292	699-14-3	127646.264	589108.12	136.109	GROUNDWATER WELL		DECOMMISSIONED							
A8293	699-14-5	127887.078	588426.794	136.338	VADOSE WELL	12/31/1974	DECOMMISSIONED	84	ft					
A8294	699-14-13	127629.476	585847.04	165.647	VADOSE WELL	6/30/1963	DECOMMISSIONED	155	ft					
A8295	699-14-14A	127926.097	585548.733	166.561	VADOSE WELL	6/30/1963	DECOMMISSIONED	155	ft					
A8296	699-14-14B	127851.942	585623.31	166.257	VADOSE WELL	6/30/1963	DECOMMISSIONED	155	ft					
A8297	699-14-14C	127777.787	585697.887	166.257	VADOSE WELL	6/30/1963	DECOMMISSIONED	153	ft					
A8298	699-14-14D	127703.631	585772.464	165.647	VADOSE WELL	6/30/1963	DECOMMISSIONED	155	ft					
A8300	699-14-E1A	127765.404	590091.312	126.579	VADOSE WELL	12/31/1974	DECOMMISSIONED	60	ft					
A8301	699-14-E1B	127842.02	590222.804	129.215	VADOSE WELL	12/31/1974	DECOMMISSIONED	70	ft					
A8302	699-14-E1C	127881.354	590199.483	130.066	VADOSE WELL	12/31/1974	DECOMMISSIONED	96	ft					
A8303	699-14-E2A	127644.357	590669.241	138.605	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	301	ft					
A8304	699-14-E2B	127637.598	590653.096		UNCLASSIFIED	12/31/1974	DECOMMISSIONED	13	ft					
A8305	699-14-E3A	127758.478	590786.929	138.697	BORING	12/31/1974	DECOMMISSIONED	88	ft					
A8306	699-14-E3B	127676.205	590711.539	138.057	BORING	12/31/1974	DECOMMISSIONED	303	ft					
A8307	699-14-E3C	127680.029	590765.817	138.636	BORING	12/31/1974	DECOMMISSIONED	76	ft					
A8308	699-14-E3D	127658.624	590948.577	140.037	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	84	ft					
A8309	699-14-E3E	127637.368	590678.107	138.239	VADOSE WELL	5/21/1972	DECOMMISSIONED	629	ft				5/21/1972	629
A8310	699-14-E4	127704.769	591146.425	142.253	VADOSE WELL	12/31/1974	CANDIDATE FOR DECOMMISSIONING	114	ft			Y		
A8311	699-14-E6P	127703.282	591594.43	140.78	INDEPENDENT PIEZOMETER	1/8/1966	DECOMMISSIONED	507	ft			Y	1/8/1966	507
A8312	699-14-E6Q	127714.872	591594.395	140.618	INDEPENDENT PIEZOMETER	1/26/1966	DECOMMISSIONED	452	ft			Y	1/26/1966	452
A8313	699-14-E6R	127726.463	591594.665	140.688	INDEPENDENT PIEZOMETER	2/2/1966	DECOMMISSIONED	390	ft			Y	2/2/1966	390
A8314	699-14-E6S	127739.81	591592.929	140.587	INDEPENDENT PIEZOMETER	2/5/1966	IN-USE	302	ft	94.78	ft	N	2/5/1966	302
A5070	699-14-E6T	127751.626	591593.28	140.182	INDEPENDENT PIEZOMETER	2/8/1966	IN-USE	122	ft			Y	2/8/1966	122
A8315	699-15-0	128131.71	589861.422	126.051	VADOSE WELL		DECOMMISSIONED							
A8316	699-15-3	127933.342	588881.313	135.448	VADOSE WELL		DECOMMISSIONED							
A8317	699-15-4	128220.952	588654.753	134.623	VADOSE WELL		DECOMMISSIONED							
A5071	699-15-15A	128021.211	585350.712	167.768	PIEZOMETER HOST	2/7/1961	IN-USE	722	ft					
A9587	699-15-15AP	128021.211	585350.712	167.765	HOSTED PIEZOMETER	2/7/1961	IN-USE	722	ft					
A9588	699-15-15AQ	128021.211	585350.712		HOSTED PIEZOMETER	2/7/1961	DECOMMISSIONED	722	ft				6/30/1962	525
A9589	699-15-15AR	128021.211	585350.712		HOSTED PIEZOMETER	2/7/1961	DECOMMISSIONED	722	ft				6/30/1962	460
A9590	699-15-15AS	128021.211	585350.712		HOSTED PIEZOMETER	2/7/1961	DECOMMISSIONED	722	ft				6/30/1962	380
A9591	699-15-15AT	128021.211	585350.712		HOSTED PIEZOMETER	2/7/1961	DECOMMISSIONED	722	ft				6/30/1962	280
A8318	699-15-15B	128028.872	585344.857	168.141	GROUNDWATER WELL	6/26/1972	IN-USE	163	ft	154.89	ft	N	6/26/1972	163
A8319	699-15-15C	128074.408	585399.579	167.171	GROUNDWATER WELL	6/30/1963	DECOMMISSIONED	748	ft					
A8320	699-15-15D	128074.408	585399.579	167.171	VADOSE WELL	6/30/1963	DECOMMISSIONED	155	ft					
A8321	699-15-15E	128000.252	585474.156	166.866	VADOSE WELL	6/30/1963	DECOMMISSIONED	155	ft					
A8322	699-15-15F	128057.623	585392.007	167.122	VADOSE WELL	12/31/1977	DECOMMISSIONED	5008	ft					
A8323	699-15-15G	128071.622	585384.653	167.211	VADOSE WELL	8/31/1978	DECOMMISSIONED	4100	ft					
A8330	699-15-E2A	128032.272	590554.3	138.423	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	101	ft					
A8331	699-15-E2B	128065.32	590515.348	139.001	VADOSE WELL	12/31/1974	DECOMMISSIONED	115	ft					
A8332	699-15-E2C	127949.271	590407.002	135.437	VADOSE WELL	12/31/1974	DECOMMISSIONED	88	ft					
A8333	699-15-E3A	128102.751	590670.177	140.418	UNCLASSIFIED	12/31/1974	CANDIDATE FOR DECOMMISSIONING	258	ft					
A8334	699-15-E3B	128210.164	590854.553	141.668	VADOSE WELL	12/31/1974	DECOMMISSIONED	121	ft					
A8335	699-15-E3C	128124.234	590706.521	140.068	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	112	ft					
A8336	699-15-E4A	128060.522	591061.387	141.102	VADOSE WELL	12/31/1974	CANDIDATE FOR DECOMMISSIONING	112	ft					
A8337	699-15-E4B	127912.923	591096.847	141.416	VADOSE WELL	12/31/1974	CANDIDATE FOR DECOMMISSIONING	124	ft			Y		
A8338	699-15-E13	128199.908	593789.184	126.412	GROUNDWATER WELL	12/31/1974	IN-USE	1273	ft				12/31/1974	1273
A8346	699-16-E1	128439.913	590058.052	128.409	VADOSE WELL		DECOMMISSIONED							
A8347	699-16-E3A	128241.582	590907.835	141.172	VADOSE WELL	12/31/1974	IN-USE	280	ft	65.6	ft	N		
A8348	699-16-E3B	128249.526	590831.514	142.507	VADOSE WELL	12/31/1974	DECOMMISSIONED	133	ft					
A8349	699-16-E4A	128299.293	591004.889	141.044	UNCLASSIFIED	12/31/1974	DECOMMISSIONED	706	ft					
A8350	699-16-E4B	128416.415	590976.584	141.54	VADOSE WELL	12/31/1974	DECOMMISSIONED	106	ft					
A8351	699-16-E4C	128394.496	591170.427	140.477	VADOSE WELL	12/31/1974	DECOMMISSIONED	120	ft					
A8352	699-16-E4D	128266.155	591009.193	141.747	VADOSE WELL	12/31/1974	DECOMMISSIONED	118	ft					
A8353	699-16-E4E	128317.516	591038.837	141.026	VADOSE WELL	12/31/1974	DECOMMISSIONED	115	ft					
A8354	699-16-E5	128501.661	591354.915	141.057	VADOSE WELL	12/31/1974	DECOMMISSIONED	116	ft					

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
A8287						1C-SP-17	300-FF-5	T11N, R28E, S4	
A8288							300-FF-5	T11N, R28E, S14	
A8289	398.5	ft				CB-20	300-FF-5	T11N, R28E, S2	
A8290	47.05	ft					300-FF-5	T12N, R28E, S32	
A8291	39.5	ft				B-SP-8	300-FF-5	T12N, R28E, S32	
A8292	61.8	ft				R2-SP-5	300-FF-5	T11N, R28E, S5	
A8293	30.7	ft				1A-SP-12	300-FF-5	T12N, R28E, S31	
A8294						SP. 7 GSI	200-PO-1	T12N, R27E, S36	
A8295						SP. 3 GSI	200-PO-1	T12N, R27E, S36	
A8296						SP. 4 GSI	200-PO-1	T12N, R27E, S36	
A8297						SP. 5 GSI	200-PO-1	T12N, R27E, S36	
A8298						SP. 6 GSI	200-PO-1	T12N, R27E, S36	
A8300	0.45	ft				1D-SP-7	300-FF-5	T12N, R28E, S32	
A8301	7.8	ft				1D-SP-8	300-FF-5	T12N, R28E, S32	
A8302	12.15	ft				1D-SP-8A	300-FF-5	T12N, R28E, S32	
A8303						CB-7	300-FF-5	T11N, R28E, S4	
A8304						CB-6	300-FF-5	T11N, R28E, S4	
A8305						CB-2	300-FF-5	T12N, R28E, S33	
A8306						CB-9	300-FF-5	T11N, R28E, S4	
A8307						CB-10	300-FF-5	T11N, R28E, S4	
A8308						CB-19	300-FF-5	T11N, R28E, S4	
A8309				3in, 0ft - 409ft		BH-142, CB-1	300-FF-5	T11N, R28E, S4	
A8310	73.8	ft				1C-SP-11	300-FF-5	T11N, R28E, S4	
A8311			3in, 490ft - 500ft	1.5in, 0ft - 490ft			300-FF-5	T11N, R28E, S4	
A8312			1.5in, 440ft - 450ft	1.5in, 0ft - 440ft			300-FF-5	T12N, R28E, S33	
A8313			1.5in, 380ft - 390ft	1.5in, 0ft - 380ft			300-FF-5	T12N, R28E, S33	
A8314	167	ft	1.5in, 290ft - 300ft	1.5in, 0ft - 290ft			300-FF-5	T12N, R28E, S33	
A5070	60.2	ft		1.5in, 0ft - 110ft			300-FF-5	T12N, R28E, S33	
A8315						B-SP-9	300-FF-5	T12N, R28E, S32	
A8316	61.6	ft				R2-SP-6	300-FF-5	T12N, R28E, S32	
A8317						R2-SP-7	300-FF-5	T12N, R28E, S31	
A5071	186.42	ft				699-15-15	200-PO-1	T12N, R27E, S35	
A9587	215	ft					200-PO-1	T12N, R27E, S35	
A9588	61	ft					200-PO-1	T12N, R27E, S35	
A9589	192	ft					200-PO-1	T12N, R27E, S35	
A9590	38	ft					200-PO-1	T12N, R27E, S35	
A9591	14	ft					200-PO-1	T12N, R27E, S35	
A8318	164.08	ft	6in, 141ft - 161ft	6in, 0ft - 143ft			200-PO-1	T12N, R27E, S35	
A8319	748	ft				15-15A, GSI 15-15A	200-PO-1	T12N, R27E, S35	
A8320						SP1GSI1515B	200-PO-1	T12N, R27E, S35	
A8321						SP2GSI1515C	200-PO-1	T12N, R27E, S36	
A8322	5008	ft				DC-7	200-PO-1	T12N, R27E, S35	
A8323						DC-8	200-PO-1	T12N, R27E, S35	
A8330						1D-SP-9	300-FF-5	T12N, R28E, S33	
A8331	16.7	ft				1D-SP-9A	300-FF-5	T12N, R28E, S33	
A8332						1D-SP-15	300-FF-5	T12N, R28E, S32	
A8333	145.5	ft				699-15-E3, BH-144	300-FF-5	T12N, R28E, S33	
A8334	50	ft				1D-SP-10	300-FF-5	T12N, R28E, S33	
A8335						1D-SP-16	300-FF-5	T12N, R28E, S33	
A8336	59.3	ft				1C-SP-12	300-FF-5	T12N, R28E, S33	
A8337	19.4166	ft				1C-SP-18	300-FF-5	T12N, R28E, S33	
A8338				4in, 0ft - 364ft / 6in, 0ft - 310ft / 3.5in, 927ft - 957ft		DB 2, DB-2	300-FF-5	T12N, R28E, S35	
A8346						B-SP-10	200-PO-1	T12N, R28E, S32	
A8347	281	ft				699-16-E3, BH-145	300-FF-5	T12N, R28E, S33	
A8348						1D-SP-10A	300-FF-5	T12N, R28E, S33	
A8349	235.54	ft				699-16-E4, BH-139A	300-FF-5	T12N, R28E, S33	
A8350						1C-SP-13	200-PO-1	T12N, R28E, S33	
A8351						1D-SP-11	200-PO-1	T12N, R28E, S33	
A8352	39.8	ft				1C-SP-19	300-FF-5	T12N, R28E, S33	
A8353						1D-SP-17	300-FF-5	T12N, R28E, S33	
A8354						1D-SP-18	200-PO-1	T12N, R28E, S33	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE _UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
A8287									
A8288									
A8289									
A8290									
A8291									
A8292									
A8293									
A8294									
A8295									
A8296									
A8297									
A8298									
A8300									
A8301									
A8302									
A8303									
A8304									
A8305									
A8306									
A8307									
A8308									
A8309									
A8310									
A8311									
A8312									
A8313									
A8314									
A5070			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A8315									
A8316									
A8317									
A5071									
A9587									
A9588									
A9589									
A9590									
A9591									
A8318			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A8319									
A8320									
A8321									
A8322								600-235	NONE
A8323									
A8330									
A8331									
A8332									
A8333									
A8334									
A8335									
A8336									
A8337									
A8338			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5				
A8346									
A8347			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A8348									
A8349									
A8350									
A8351									
A8352									
A8353									
A8354									

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
A8287									
A8288									
A8289									
A8290									
A8291									
A8292							12/18/1963		
A8293	600-235	NONE	600-235	NONE	600-235	NONE			
A8294									
A8295									
A8296									
A8297									
A8298									
A8300									
A8301									
A8302									
A8303									
A8304									
A8305									
A8306									
A8307									
A8308									
A8309									
A8310									
A8311							2/3/1982		
A8312							9/9/1981		
A8313							9/9/1981		
A8314							6/14/1995		
A5070							1/25/1988		
A8315									
A8316	600-235	NONE	600-235	NONE	600-235	NONE			
A8317			600-235	NONE	600-235	NONE			
A5071			600-235	NONE	600-235	NONE	1/11/1980		
A9587			600-235	NONE	600-235	NONE	4/15/1969		
A9588			600-235	NONE	600-235	NONE	3/3/1969		
A9589			600-235	NONE	600-235	NONE	2/5/1969		
A9590			600-235	NONE	600-235	NONE	4/15/1969		
A9591			600-235	NONE	600-235	NONE	4/15/1969		
A8318	600-235	NONE	600-235	NONE	600-235	NONE	1/27/2003		
A8319	600-235	NONE	600-235	NONE	600-235	NONE	4/30/1974		
A8320	600-235	NONE	600-235	NONE	600-235	NONE			
A8321			600-235	NONE	600-235	NONE			
A8322	600-235	NONE	600-235	NONE	600-235	NONE			
A8323	600-235	NONE	600-235	NONE	600-235	NONE			
A8330									
A8331									
A8332									
A8333									
A8334									
A8335									
A8336									
A8337									
A8338							10/7/2009		
A8346									
A8347							10/4/2009		
A8348									
A8349									
A8350									
A8351									
A8352									
A8353									
A8354									

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
A8287			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0013-E0004C
A8288			12/31/1973	12/31/1973		Monument River (Immed. South of River And Dunes)	600	1-0699-A0013-E0014A
A8289			12/31/1974	11/29/2000		Monument River (Immed. South of River And Dunes)	600	1-0699-A0013-E0016A
A8290						Hanford (Not in Monument)	600	1-0699-A0014-A0001A
A8291						Hanford (Not in Monument)	600	1-0699-A0014-A0001B
A8292		12/18/1963			8/30/2000	Hanford (Not in Monument)	600	1-0699-A0014-A0003A
A8293			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0014-A0005A
A8294			6/30/1963	6/30/1963		Hanford (Not in Monument)	600	1-0699-A0014-A0013A
A8295			6/30/1963	6/30/1963		Hanford (Not in Monument)	600	1-0699-A0014-A0014A
A8296			6/30/1963	6/30/1963		Hanford (Not in Monument)	600	1-0699-A0014-A0014B
A8297			6/30/1963	6/30/1963		Hanford (Not in Monument)	600	1-0699-A0014-A0014C
A8298			6/30/1963	6/30/1963		Hanford (Not in Monument)	600	1-0699-A0014-A0014D
A8300			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0014-E0001A
A8301			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0014-E0001B
A8302			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0014-E0001C
A8303			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0014-E0002A
A8304			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0014-E0002B
A8305			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0014-E0003A
A8306			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0014-E0003B
A8307			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0014-E0003C
A8308			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0014-E0003D
A8309			5/21/1972	5/21/1972		Hanford (Not in Monument)	600	1-0699-A0014-E0003E
A8310			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0014-E0004A
A8311		2/3/1982	1/8/1966	1/8/1966	6/1/1980	Hanford (Not in Monument)	600	1-0699-A0014-E0006P
A8312		9/9/1981	1/26/1966	1/26/1966	6/1/1980	Hanford (Not in Monument)	600	1-0699-A0014-E0006Q
A8313		9/9/1981	2/2/1966	2/2/1966	6/1/1980	Hanford (Not in Monument)	600	1-0699-A0014-E0006R
A8314		6/14/1995	2/5/1966	2/5/1966	3/12/2010	Hanford (Not in Monument)	600	1-0699-A0014-E0006S
A5070		1/25/1988	2/8/1966	2/8/1966	3/27/2001	Hanford (Not in Monument)	600	1-0699-A0014-E0006T
A8315						Hanford (Not in Monument)	600	1-0699-A0015-A0000A
A8316						Hanford (Not in Monument)	600	1-0699-A0015-A0003A
A8317						Hanford (Not in Monument)	600	1-0699-A0015-A0004A
A5071		1/11/1980	2/7/1961	2/7/1961	3/12/2010	Hanford (Not in Monument)	600	1-0699-A0015-A0015A
A9587		4/15/1969	2/7/1961	2/7/1961	6/14/1996	Hanford (Not in Monument)	600	1-0699-A0015-A0015AP
A9588		3/3/1969	2/7/1961	2/7/1961		Hanford (Not in Monument)	600	1-0699-A0015-A0015AQ
A9589		2/5/1969	2/7/1961	2/7/1961		Hanford (Not in Monument)	600	1-0699-A0015-A0015AR
A9590		4/15/1969	2/7/1961	2/7/1961		Hanford (Not in Monument)	600	1-0699-A0015-A0015AS
A9591		4/15/1969	2/7/1961	2/7/1961		Hanford (Not in Monument)	600	1-0699-A0015-A0015AT
A8318		1/27/2003	6/26/1972	4/28/2008	3/12/2010	Hanford (Not in Monument)	600	1-0699-A0015-A0015B
A8319		4/30/1974	6/30/1963	6/30/1963		Hanford (Not in Monument)	600	1-0699-A0015-A0015C
A8320			6/30/1963	6/30/1963		Hanford (Not in Monument)	600	1-0699-A0015-A0015D
A8321			6/30/1963	6/30/1963		Hanford (Not in Monument)	600	1-0699-A0015-A0015E
A8322			12/31/1977	12/31/1977		Hanford (Not in Monument)	600	1-0699-A0015-A0015F
A8323			8/31/1978	8/31/1978		Hanford (Not in Monument)	600	1-0699-A0015-A0015G
A8330			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0015-E0002A
A8331			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0015-E0002B
A8332			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0015-E0002C
A8333			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0015-E0003A
A8334			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0015-E0003B
A8335			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0015-E0003C
A8336			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0015-E0004A
A8337			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0015-E0004B
A8338		10/7/2009	12/31/1974	12/18/2008	3/2/2007	Hanford (Not in Monument)	600	1-0699-A0015-E0013A
A8346						Hanford (Not in Monument)	600	1-0699-A0016-E0001A
A8347		10/4/2009	12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0016-E0003A
A8348			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0016-E0003B
A8349			12/31/1974	12/31/1974	6/19/1996	Hanford (Not in Monument)	600	1-0699-A0016-E0004A
A8350			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0016-E0004B
A8351			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0016-E0004C
A8352			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0016-E0004D
A8353			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0016-E0004E
A8354			12/31/1974	12/31/1974		Hanford (Not in Monument)	600	1-0699-A0016-E0005A

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
B2436	699-IB-92-01	126299.2	591770.5	138.8	VADOSE WELL	8/1/1992	DECOMMISSIONED	41	ft					
B2437	699-IB-92-02	126299.2	591768.4	138.8	VADOSE WELL	8/1/1992	DECOMMISSIONED	40	ft					
B2438	699-IB-92-03	126299.2	591763.8	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	40	ft					
B2439	699-IB-92-04	126299.2	591759.7	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	40	ft					
B2440	699-IB-92-05	126299.2	591754.7	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	40	ft					
B2441	699-IB-92-06	126299.2	591750.1	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	40	ft					
B2442	699-IB-92-07	126299.2	591770.5	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	41	ft					
B2443	699-IB-92-08	126299.2	591770.5	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	41	ft					
B2444	699-IB-92-09	126302.9	591767.8	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	40	ft					
B2445	699-IB-92-10	126302.6	591763.2	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	40	ft					
B2446	699-IB-92-11	126303.8	591759.2	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	40	ft					
B2447	699-IB-92-12	126302.6	591756.2	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	40	ft					
B2448	699-IB-92-13	126302.9	591750.7	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	40	ft					
B2449	699-IB-92-14	126299.2	591770.5	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	41	ft					
B2450	699-IB-92-15	126306.9	591767.2	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	41	ft					
B2451	699-IB-92-16	126305.9	591765.9	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	40	ft					
B2452	699-IB-92-17	126309.6	591763.5	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	41	ft					
B2453	699-IB-92-18	126307.5	591762.9	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	40	ft					
B2454	699-IB-92-19	126310.8	591759.2	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	41	ft					
B2455	699-IB-92-20	126308.4	591759.2	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	40	ft					
B2456	699-IB-92-21	126309.6	591755	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	41	ft					
B2457	699-IB-92-22	126307.4	591755.6	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	40	ft					
B2458	699-IB-92-23	126306.8	591751.3	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	41	ft					
B2459	699-IB-92-24	126305.9	591752.5	139.4	VADOSE WELL	8/1/1992	DECOMMISSIONED	40	ft					
A9141	699-S2-E15	122858.168	594383.434	116.415	UNCLASSIFIED	12/31/1962	DECOMMISSIONED	70	ft					
A5374	699-S3-E12	122551.359	593586.167	122.302	GROUNDWATER WELL	9/30/1960	IN-USE	260	ft	43.82	ft			
A9147	699-S4-E15	122309.685	594445.383	112.635	UNCLASSIFIED		DECOMMISSIONED							
A9148	699-S4-E16	122402.11	594993.811	106.145	UNCLASSIFIED	4/30/1961	DECOMMISSIONED	194	ft					
A9149	699-S5-E16A	121883.884	594933.794	108.278	UNCLASSIFIED	12/31/1962	IN-USE	126	ft					
A9150	699-S5-E16B	122097.171	594902.93	108.125	UNCLASSIFIED	12/31/1967	IN-USE	99	ft					
A9152	699-S6-E4A	121663.474	590984.868	137.264	GROUNDWATER WELL	9/25/1997	IN-USE	117	ft	76.91	ft	N	9/25/1997	
A9153	699-S6-E4B	121668.979	591117.28	129.497	GROUNDWATER WELL	3/31/1953	IN-USE	100	ft					
A9154	699-S6-E4C	121668.32	591055.38	132.61	PIEZOMETER HOST	5/31/1953	IN-USE	461	ft			N	7/1/1996	239
A9787	699-S6-E4CO	121668.32	591055.38	133.094	HOSTED PIEZOMETER	5/31/1953	DECOMMISSIONED	461	ft				4/30/1965	90
A9788	699-S6-E4CP	121668.32	591055.38	133.094	HOSTED PIEZOMETER	5/31/1953	DECOMMISSIONED	461	ft				6/30/1964	449
A9789	699-S6-E4CQ	121668.32	591055.38	133.094	HOSTED PIEZOMETER	5/31/1953	DECOMMISSIONED	461	ft				6/30/1964	260
A9790	699-S6-E4CR	121668.32	591055.38	133.094	HOSTED PIEZOMETER	5/31/1953	DECOMMISSIONED	461	ft				6/30/1964	190
B2831	699-S6-E4CS	121668.32	591055.38		HOSTED PIEZOMETER	5/31/1953	IN-USE	461	ft	65.6	ft	N		
B2832	699-S6-E4CT	121668.32	591055.38		HOSTED PIEZOMETER	5/31/1953	IN-USE	461	ft	65.1	ft	N		
A5406	699-S6-E4D	121774.747	591076.875	132.21	GROUNDWATER WELL	11/11/1953	IN-USE	142	ft			N		
A9155	699-S6-E4E	121562.725	591039.181	130.862	GROUNDWATER WELL	11/30/1953	IN-USE	120	ft	55.94	ft	N		
A9156	699-S6-E4F	121517.92	591106.893	128.803	GROUNDWATER WELL	12/31/1953	CANDIDATE FOR DECOMMISSIONING	102	ft	50.6	ft	N		
A9157	699-S6-E4G	121467.194	591184.716	130.063	GROUNDWATER WELL	1/31/1954	CANDIDATE FOR DECOMMISSIONING	102	ft	56.45	ft	N		
A9158	699-S6-E4H	121465.05	591253.938	129.629	GROUNDWATER WELL	7/31/1954	CANDIDATE FOR DECOMMISSIONING	90	ft	55.7	ft	N		
A9159	699-S6-E4J	121406.025	591185.19	130.288	GROUNDWATER WELL	8/31/1954	IN-USE	100	ft			Y		
C4072	699-S6-E4K	121626.77	590867.37	134.945	GROUNDWATER WELL	3/5/2003	IN-USE	87.3	ft	68.53	ft	N	3/5/2003	83.3

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
B2436						IB-92-01	300-FF-5	T11N, R28E, S4	
B2437						IB-92-02	300-FF-5	T11N, R28E, S4	
B2438						IB-92-03	300-FF-5	T11N, R28E, S4	
B2439						IB-92-04	300-FF-5	T11N, R28E, S4	
B2440						IB-92-05	300-FF-5	T11N, R28E, S4	
B2441						IB-92-06	300-FF-5	T11N, R28E, S4	
B2442						IB-92-07	300-FF-5	T11N, R28E, S4	
B2443						IB-92-08	300-FF-5	T11N, R28E, S4	
B2444						IB-92-09	300-FF-5	T11N, R28E, S4	
B2445						IB-92-10	300-FF-5	T11N, R28E, S4	
B2446						IB-92-11	300-FF-5	T11N, R28E, S4	
B2447						IB-92-12	300-FF-5	T11N, R28E, S4	
B2448						IB-92-13	300-FF-5	T11N, R28E, S4	
B2449						IB-92-14	300-FF-5	T11N, R28E, S4	
B2450						IB-92-15	300-FF-5	T11N, R28E, S4	
B2451						IB-92-16	300-FF-5	T11N, R28E, S4	
B2452						IB-92-17	300-FF-5	T11N, R28E, S4	
B2453						IB-92-18	300-FF-5	T11N, R28E, S4	
B2454						IB-92-19	300-FF-5	T11N, R28E, S4	
B2455						IB-92-20	300-FF-5	T11N, R28E, S4	
B2456						IB-92-21	300-FF-5	T11N, R28E, S4	
B2457						IB-92-22	300-FF-5	T11N, R28E, S4	
B2458						IB-92-23	300-FF-5	T11N, R28E, S4	
B2459						IB-92-24	300-FF-5	T11N, R28E, S4	
A9141	70	ft				CD-9	300-FF-5	T11N, R28E, S14	
A5374	84.9	ft					300-FF-5	T11N, R28E, S22	
A9147						CD-10	300-FF-5	T11N, R28E, S23	
A9148	194	ft				DD-6, DD-6 C.ENG	300-FF-5	T11N, R28E, S23	
A9149	126	ft				699-S5-E16, 699-S5E16A, DD-3	300-FF-5	T11N, R28E, S23	
A9150						699-S5E16B, DD-20	300-FF-5	T11N, R28E, S23	
A9152	94.32	ft	4in, 71ft - 90.7ft	8in, 0ft - 48ft / 4in, 0ft - 71ft / 4in, 90.7ft - 91ft		321-1	300-FF-5	T11N, R28E, S21	
A9153						321-2	300-FF-5	T11N, R28E, S21	
A9154						321-3	300-FF-5	T11N, R28E, S21	
A9787	90	ft					300-FF-5	T11N, R28E, S21	
A9788							300-FF-5	T11N, R28E, S21	
A9789	260	ft					300-FF-5	T11N, R28E, S21	
A9790	190	ft					300-FF-5	T11N, R28E, S21	
B2831	235	ft					300-FF-5	T11N, R28E, S21	
B2832	153.3	ft					300-FF-5	T11N, R28E, S21	
A5406						321-4	300-FF-5	T11N, R28E, S21	
A9155	68.9	ft				321-5	300-FF-5	T11N, R28E, S21	
A9156	62.65	ft				321-6	300-FF-5	T11N, R28E, S21	
A9157	65.26	ft				321-7	300-FF-5	T11N, R28E, S21	
A9158	64.3	ft				321-8	300-FF-5	T11N, R28E, S21	
A9159						321-9	300-FF-5	T11N, R28E, S21	
C4072	85.85	ft	4in, 65.3ft - 80.3ft	4in, 0ft - 65.3ft / 4in, 80.3ft - 83.3ft		AHK595	300-FF-5	T11N, R28E, S21	AHK595

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE _UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
B2436									
B2437									
B2438									
B2439									
B2440									
B2441									
B2442									
B2443									
B2444									
B2445									
B2446									
B2447									
B2448									
B2449									
B2450									
B2451									
B2452									
B2453									
B2454									
B2455									
B2456									
B2457									
B2458									
B2459									
A9141									
A5374	2PO1	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A9147									
A9148									
A9149			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A9150			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A9152	2PO1, 3FF5N-10BG, LBNL	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5			316-4	300-FF-2
A9153	2PO1, 3FF5N-10BG	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5				
A9154			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5				
A9787									
A9788			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A9789									
A9790									
B2831			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
B2832									
A5406	3FF5N-10BG	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5				
A9155	3FF5N-10BG	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5				
A9156			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A9157			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A9158			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A9159			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5			600-276	300-FF-2
C4072	3FF5N-10BG	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5	600-96	300-FF-2	600-96,618-10	300-FF-2

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
B2436									
B2437									
B2438									
B2439									
B2440									
B2441									
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A9141									
A5374							1/13/2009		
A9147									
A9148									
A9149									
A9150									
A9152	316-4	300-FF-2	600-96,618-10,316-4	300-FF-2	316-4,600-96,618-10	300-FF-2	4/2/2010		
A9153					600-63,600-259	300-FF-2	2/16/2010		
A9154					316-4	300-FF-2	1/11/1980		
A9787					316-4	300-FF-2	6/4/1973		
A9788					316-4	300-FF-2	8/30/1974		
A9789					316-4	300-FF-2			
A9790					316-4	300-FF-2			
B2831					316-4	300-FF-2	7/25/2001		
B2832					316-4	300-FF-2	7/25/2001		
A5406							2/16/2010		
A9155							2/16/2010		
A9156					600-276,600-63	300-FF-2	8/7/1963		
A9157					600-276	300-FF-2	8/7/1963		
A9158					600-276	300-FF-2	8/7/1963		
A9159	600-276	300-FF-2	600-276	300-FF-2	600-276	300-FF-2	7/15/2009		
C4072	600-96,618-10	300-FF-2	618-10,600-96	300-FF-2	600-96,618-10,UPR-600-2,UPR-600-3	300-FF-2	2/16/2010		

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
B2436			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9201-
B2437			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9202-
B2438			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9203-
B2439			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9204-
B2440			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9205-
B2441			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9206-
B2442			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9207-
B2443			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9208-
B2444			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9209-
B2445			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9210-
B2446			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9211-
B2447			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9212-
B2448			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9213-
B2449			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9214-
B2450			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9215-
B2451			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9216-
B2452			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9217-
B2453			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9218-
B2454			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9219-
B2455			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9220-
B2456			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9221-
B2457			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9222-
B2458			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9223-
B2459			8/1/1992	8/1/1992		Hanford (Not in Monument)	600	1-0699-I0000B-A9224-
A9141			12/31/1962	12/31/1962		Monument River (Immed. South of River And Dunes)	600	1-0699-S0002A-E0015A
A5374		1/13/2009	8/16/2001	1/24/2006	3/7/2010	Hanford (Not in Monument)	600	1-0699-S0003A-E0012A
A9147						Monument River (Immed. South of River And Dunes)	600	1-0699-S0004A-E0015A
A9148			4/30/1961	4/30/1961		Monument River (Immed. South of River And Dunes)	Benton County	1-0699-S0004A-E0016A
A9149			12/31/1962	12/31/1962		Monument River (Immed. South of River And Dunes)	Benton County	1-0699-S0005A-E0016A
A9150			12/31/1967	12/31/1967		Monument River (Immed. South of River And Dunes)	Benton County	1-0699-S0005A-E0016B
A9152		4/2/2010	11/20/2007	10/21/2009	8/25/2009	Hanford (Not in Monument)	600	1-0699-S0006A-E0004A
A9153		2/16/2010	8/16/2001	7/29/2005	7/10/2009	Hanford (Not in Monument)	600	1-0699-S0006A-E0004B
A9154		1/11/1980	5/31/1953	10/1/2003	12/1/1979	Hanford (Not in Monument)	600	1-0699-S0006A-E0004C
A9787		6/4/1973	5/31/1953	5/31/1953		Hanford (Not in Monument)	600	1-0699-S0006A-E0004CO
A9788		8/30/1974	5/31/1953	5/31/1953	6/1/1980	Hanford (Not in Monument)	600	1-0699-S0006A-E0004CP
A9789			5/31/1953	5/31/1953		Hanford (Not in Monument)	600	1-0699-S0006A-E0004CQ
A9790			5/31/1953	5/31/1953		Hanford (Not in Monument)	600	1-0699-S0006A-E0004CR
B2831		7/25/2001	12/14/1999	10/1/2003	8/29/1996	Hanford (Not in Monument)	600	1-0699-S0006A-E0004CS
B2832		7/25/2001	12/14/1999	10/1/2003	8/29/1996	Hanford (Not in Monument)	600	1-0699-S0006A-E0004CT
A5406		2/16/2010	12/15/1999	1/24/2006	3/12/2010	Hanford (Not in Monument)	600	1-0699-S0006A-E0004D
A9155		2/16/2010	11/30/1953	4/24/2008	8/25/2009	Hanford (Not in Monument)	600	1-0699-S0006A-E0004E
A9156		8/7/1963	12/31/1953	1/23/2004		Hanford (Not in Monument)	600	1-0699-S0006A-E0004F
A9157		8/7/1963	1/31/1954	1/23/2004		Hanford (Not in Monument)	600	1-0699-S0006A-E0004G
A9158		8/7/1963	7/31/1954	1/23/2004		Hanford (Not in Monument)	600	1-0699-S0006A-E0004H
A9159		7/15/2009	8/31/1954	12/18/2008		Hanford (Not in Monument)	600	1-0699-S0006A-E0004J
C4072		2/16/2010	3/5/2003	4/2/2003	3/12/2010	Hanford (Not in Monument)	600	1-0699-S0006A-E0004K

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
C4073	699-S6-E4L	121654.35	590915.84	134.428	GROUNDWATER WELL	3/4/2003	IN-USE	91	ft	66.4	ft	N	3/4/2003	81.53
A5405	699-S6-E14A	121569.449	594262.353	116.321	PIEZOMETER HOST	8/9/1962	IN-USE	212	ft	28.88	ft	N		
A9493	699-S6-E14AO	121569.449	594262.353	116.419	HOSTED PIEZOMETER	8/9/1962	DECOMMISSIONED	212	ft				4/30/1965	50
A9494	699-S6-E14AP	121569.449	594262.353	116.422	HOSTED PIEZOMETER	8/9/1962	DECOMMISSIONED	212	ft				8/31/1963	207
A9495	699-S6-E14AQ	121569.449	594262.353	116.419	HOSTED PIEZOMETER	8/9/1962	DECOMMISSIONED	212	ft				8/31/1963	132
A9160	699-S6-E14B	121567.245	594273.005	116.565	VADOSE WELL	6/30/1963	DECOMMISSIONED	205	ft					
A9161	699-S6-E15A	121761.201	594507.331	107.727	GROUNDWATER WELL	12/31/1962	DECOMMISSIONED	97	ft					
A9162	699-S6-E15B	121639.181	594446.597	111.689	UNCLASSIFIED	12/31/1962	DECOMMISSIONED	68	ft					
A9163	699-S6-E16A	121822.929	594933.904	106.205	UNCLASSIFIED	12/31/1962	CANDIDATE FOR DECOMMISSIONING	21	ft					
A9164	699-S6-E16B	121700.688	594751.261	106.539	UNCLASSIFIED	12/31/1962	IN-USE	101	ft					
A9169	699-S7-E15	121364.995	594508.049	113.853	UNCLASSIFIED	12/31/1962	DECOMMISSIONED	70	ft					
A5408	699-S8-19	120963.716	584225.901	154.62	GROUNDWATER WELL	8/31/1950	IN-USE	148	ft	109.45	ft	N		
A9181	699-S11-E12A	120173.527	593576.376	112.511	PIEZOMETER HOST	9/14/1960	IN-USE	282	ft	17.32	ft	N		
A9778	699-S11-E12AP	120173.527	593576.376	112.538	HOSTED PIEZOMETER	9/14/1960	IN-USE	282	ft			N	11/30/1962	225
A9182	699-S11-E12B	120185.407	593606.526	112.294	VADOSE WELL	6/30/1963	DECOMMISSIONED	215	ft					
A5366	699-S12-3	119631.783	589286.093	133.731	GROUNDWATER WELL	12/31/1950	IN-USE	110	ft	54.5	ft			
A5367	699-S14-20A	119084.441	583899.041	151.275	PIEZOMETER HOST	11/12/1958	IN-USE	172	ft	91.6	ft	N		
A9782	699-S14-20AO	119084.441	583899.041	151.316	HOSTED PIEZOMETER	11/12/1958	DECOMMISSIONED	172	ft				4/30/1965	100
A9783	699-S14-20AP	119084.441	583899.041	151.316	HOSTED PIEZOMETER	11/12/1958	DECOMMISSIONED	172	ft				8/31/1963	153
A9186	699-S14-20B	119081.996	583898.136	151.515	VADOSE WELL	12/31/1976	CANDIDATE FOR DECOMMISSIONING	160	ft	91.65	ft	N		
A9187	699-S14-20C	119080.859	583901.104	151.715	UNCLASSIFIED	12/31/1976	CANDIDATE FOR DECOMMISSIONING	160	ft	92.28	ft	N		
A9190	699-S16-E14	118795.424	594332.884	123.573	UNCLASSIFIED	8/31/1981	DECOMMISSIONED	4243	ft					
A5368	699-S18-E2A	117895.166	590573.51	133.559	PIEZOMETER HOST	11/30/1961	IN-USE	260	ft					
A9784	699-S18-E2AO	117895.166	590573.51		HOSTED PIEZOMETER	11/30/1961	DECOMMISSIONED	260	ft					
A9785	699-S18-E2AP	117895.166	590573.51		HOSTED PIEZOMETER	11/30/1961	IN-USE	260	ft				6/30/1964	258
A9199	699-S18-E2B	117891.838	590574.773	133.376	GROUNDWATER WELL	8/31/1977	IN-USE	250	ft	74.3	ft	N		
A5369	699-S19-11	117799.346	586582.389	148.494	GROUNDWATER WELL	8/31/1968	IN-USE	120	ft	94.03	ft	N		
A5370	699-S19-E13	117605.124	593835.339	121.261	GROUNDWATER WELL	11/9/1971	IN-USE	80	ft	46.65	ft	N		
A5421	699-S19-E14	117716.194	594249.863	114.974	GROUNDWATER WELL	9/17/1991	IN-USE	47	ft					
C4855	699-S20-E10	117366.18	593124.37	120.48	GROUNDWATER WELL	7/12/2005	IN-USE	64.5	ft	43.63	ft		7/12/2005	61.56
A5422	699-S22-E9A	116761.673	592688.236	115.066	GROUNDWATER WELL	9/23/1991	IN-USE	44.7	ft					
A5423	699-S22-E9B	116756.377	592696.134	114.914	GROUNDWATER WELL	9/26/1991	IN-USE	151	ft					
A5424	699-S22-E9C	116752.615	592688.963	114.477	GROUNDWATER WELL	6/3/1991	IN-USE	181.6	ft	1.4	ft	N	9/18/1991	178.8
A9200	699-S22-E9D	116765.92	592696.65	114.168	UNCLASSIFIED		DECOMMISSIONED							
A9202	699-S24-19	116258.881	584069.046	130.377	PIEZOMETER HOST	9/7/1949	IN-USE	89	ft			N		
B2479	699-S24-19B	116191.3	584166.3	130.9	VADOSE WELL		DECOMMISSIONED							
B2781	699-S24-19P	116258.881	584069.046	130.321	HOSTED PIEZOMETER	9/7/1949	IN-USE	89	ft	20.75	ft	N		
B2782	699-S24-19Q	116258.881	584069.046	130.324	HOSTED PIEZOMETER	9/7/1949	IN-USE	89	ft	20.8	ft	N		
A5425	699-S27-E9A	115332.317	592720.652	119.966	GROUNDWATER WELL	6/26/1991	IN-USE	58.3	ft	40.75	ft	N		
A5426	699-S27-E9B	115328.706	592727.318	120.015	GROUNDWATER WELL	9/19/1991	IN-USE	178.7	ft	39.26	ft	N		
A5427	699-S27-E9C	115324.774	592720.915	120.057	GROUNDWATER WELL	5/24/1991	IN-USE	202	ft	9.55	ft	N	9/25/1991	200
A9205	699-S27-E9D	115337.74	592728.27	119.264	UNCLASSIFIED		DECOMMISSIONED							
B2420	699-S27-E12A	115177.897	593427.805	119.585	GROUNDWATER WELL	12/28/1996	IN-USE			48.21	ft	N		
A5371	699-S27-E14	115212.738	594114.141	123.479	GROUNDWATER WELL	4/30/1948	IN-USE	170	ft	59.8	ft			
A9206	699-S28-E0	114963.224	590005.287	137.718	GROUNDWATER WELL	5/20/1981	IN-USE	236	ft			N		

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
C4073	83.8	ft	4in, 63.52ft - 78.53ft	4in, 0ft - 63.52ft / 4in, 78.53ft - 81.53ft		AHK594	300-FF-5	T11N, R28E, S21	AHK594
A5405	66.59	ft				699-S6E14A, CD-11, CD-11 C.ENG	300-FF-5	T11N, R28E, S23	
A9493						699-S6E14AO	300-FF-5	T11N, R28E, S23	
A9494	140	ft				699-S6E14AP	300-FF-5	T11N, R28E, S23	
A9495	132	ft				699-S6E14AQ	300-FF-5	T11N, R28E, S23	
A9160						699-S6E14B, GSI S6-E14A	300-FF-5	T11N, R28E, S23	
A9161						699-S6E15A, DD-2	300-FF-5	T11N, R28E, S23	
A9162						699-S6E15B, DD-1	300-FF-5	T11N, R28E, S23	
A9163						699-S6E16A, BA-4	300-FF-5	T11N, R28E, S23	
A9164						699-S6E16B, DD-7	300-FF-5	T11N, R28E, S23	
A9169	70	ft				CD-12	300-FF-5	T11N, R28E, S23	
A5408	131	ft				S8.0-18.7, USGS #6, USGS NO.6	1100-EM-1	T11N, R27E, S26	
A9181	182	ft				699-S11-E12, 699-S11E12A, 699-S11E12AP	300-FF-5	T11N, R28E, S27	
A9778						699-S11E12AP	300-FF-5	T11N, R28E, S27	
A9182						699-S11E12B, GSI, GSI S11-E12A	300-FF-5	T11N, R28E, S27	
A5366	56.7	ft				S12.3-2.7, USGS #11, USGS NO.11	200-PO-1	T11N, R28E, S29	
A5367	128.2	ft				699-S14-20	1100-EM-1	T11N, R27E, S34	
A9782						699-S14-20O	1100-EM-1	T11N, R27E, S34	
A9783	150	ft				699-S14-20P	1100-EM-1	T11N, R27E, S34	
A9186	149.6	ft					1100-EM-1	T11N, R27E, S34	
A9187	138.1	ft					1100-EM-1	T11N, R27E, S34	
A9190						699-S15-E15, DC-15	300-FF-5	T11N, R28E, S35	
A5368	138.22	ft				S18-E2	1100-EM-1	T10N, R28E, S4	
A9784							1100-EM-1	T10N, R28E, S4	
A9785	253	ft					1100-EM-1	T10N, R28E, S4	
A9199	141	ft					1100-EM-1	T10N, R28E, S4	
A5369	118	ft					1100-EM-1	T10N, R27E, S1	
A5370	78.34	ft				4N	300-FF-5	T10N, R28E, S2	
A5421	43.22	ft				3A	300-FF-5	T10N, R28E, S2	
C4855			4in, 43.57ft - 58.56ft			AHB224	300-FF-5	T10N, R28E, S3	AHB224
A5422							1100-EM-1	T10N, R28E, S3	
A5423	150.68	ft				4B	1100-EM-1	T10N, R28E, S3	
A5424	182.57	ft				4C	1100-EM-1	T10N, R28E, S3	
A9200						4T	1100-EM-1	T10N, R28E, S3	
A9202						NN 1040-1 HR	1100-EM-1	T10N, R27E, S2	
B2479							1100-EM-1	T10N, R27E, S2	
B2781	70.1	ft					1100-EM-1	T10N, R27E, S2	
B2782	46.2	ft					1100-EM-1	T10N, R27E, S2	
A5425	57.14	ft				699-S27-E9, 7A, A9204, W-7A	1100-EM-1	T10N, R28E, S10	
A5426	177.25	ft				7B	1100-EM-1	T10N, R28E, S10	
A5427	203.6	ft				7C	1100-EM-1	T10N, R28E, S10	
A9205						7T	1100-EM-1	T10N, R28E, S10	
B2420	60.4	ft				COE-3	1100-EM-1	T10N, R28E, S10	
A5371	107.2	ft				3000-7	1100-EM-1	T10N, R28E, S11	
A9206							1100-EM-1	T10N, R28E, S8	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE_UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
C4073	3FF5N-10BG, LBNL	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5	600-96	300-FF-2	618-10,600-96	300-FF-2
A5405	2PO1	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A9493									
A9494									
A9495									
A9160									
A9161									
A9162									
A9163			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A9164			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5				
A9169									
A5408	2PO1, RICH-NORTH	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A9181			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1, Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER, PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1, 300-FF-5				
A9778	2PO1	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A9182									
A5366	2PO1	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A5367									
A9782									
A9783									
A9186									
A9187									
A9190									
A5368									
A9784									
A9785									
A9199									
A5369	RICH-NORTH	GROUNDWATER SAMPLE							
A5370	2PO1	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
A5421	2PO1	GROUNDWATER SAMPLE	Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
C4855	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5422	RICH-NORTH	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5423			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5424	RICH-NORTH	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5			600-235	NONE
A9200									
A9202									
B2479									
B2781	BASALT_CONF	GROUNDWATER SAMPLE							
B2782	RICH-NORTH	GROUNDWATER SAMPLE							
A5425	RICH-NORTH	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5426	RICH-NORTH	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A5427	RICH-NORTH	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A9205									
B2420	11EM1	GROUNDWATER SAMPLE							
A5371	3FF5-300, RICH-NORTH	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A9206	RICH-NORTH	GROUNDWATER SAMPLE							

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
C4073	618-10,600-96	300-FF-2	600-96,618-10	300-FF-2	UPR-600-2,618-10,600-96,316-4	300-FF-2	4/2/2010		
A5405							2/21/2010		
A9493									
A9494							5/15/1969		
A9495							10/28/1969		
A9160									
A9161							12/5/1967		
A9162									
A9163									
A9164									
A9169	600-46	300-FF-2	600-46	300-FF-2	600-46	300-FF-2			
A5408							4/24/2008		
A9181							6/17/1998		
A9778							2/21/2010		
A9182									
A5366			600-235	NONE	600-235	NONE	1/23/2007		
A5367							12/11/1990		
A9782									
A9783							10/28/1969		
A9186									
A9187									
A9190							1/23/1980		
A5368							3/14/1979		
A9784									
A9785							10/28/1969		
A9199									
A5369							2/28/2008		
A5370							3/9/2010		
A5421			600-47	300-FF-2	600-47	300-FF-2	2/18/2010		8/22/1991
C4855							2/18/2010		
A5422	600-235	NONE	600-235	NONE	600-235	NONE	8/4/2008		
A5423	600-235	NONE	600-235	NONE	600-235	NONE	2/11/2008		7/29/1991
A5424	600-235	NONE	600-235	NONE	600-235	NONE	2/28/2008		8/1/1991
A9200	600-235	NONE	600-235	NONE	600-235	NONE			
A9202							2/21/1996		
B2479									
B2781							2/28/2008		
B2782							2/28/2008		
A5425							8/26/2008		
A5426							2/11/2008		7/26/1991
A5427							2/11/2008		8/12/1991
A9205									
B2420							7/27/2007		
A5371			300-215	300-FF-2	300-215	300-FF-2	5/4/2010		
A9206					6607-10	Not Applicable	1/31/2007		

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
C4073		4/2/2010	3/4/2003	4/2/2003	7/10/2009	Hanford (Not in Monument)	600	1-0699-S0006A-E0004L
A5405		2/21/2010	3/5/2004	3/31/2009	3/6/2010	Monument River (Immed. South of River And Dunes)	600	1-0699-S0006A-E0014A
A9493			8/9/1962	8/9/1962		Monument River (Immed. South of River And Dunes)	600	1-0699-S0006A-E0014AO
A9494		5/15/1969	8/9/1962	8/9/1962		Monument River (Immed. South of River And Dunes)	600	1-0699-S0006A-E0014AP
A9495		10/28/1969	8/9/1962	8/9/1962		Monument River (Immed. South of River And Dunes)	600	1-0699-S0006A-E0014AQ
A9160			6/30/1963	6/30/1963		Monument River (Immed. South of River And Dunes)	600	1-0699-S0006A-E0014B
A9161		12/5/1967	12/31/1962	12/31/1962		Monument River (Immed. South of River And Dunes)	600	1-0699-S0006A-E0015A
A9162			12/31/1962	12/31/1962		Monument River (Immed. South of River And Dunes)	600	1-0699-S0006A-E0015B
A9163			12/31/1962	12/31/1962		Monument River (Immed. South of River And Dunes)	Benton County	1-0699-S0006A-E0016A
A9164			12/31/1962	12/31/1962		Monument River (Immed. South of River And Dunes)	Benton County	1-0699-S0006A-E0016B
A9169			12/31/1962	12/31/1962		Monument River (Immed. South of River And Dunes)	600	1-0699-S0007A-E0015A
A5408		4/24/2008	5/2/2000	1/23/2007	3/7/2010	Hanford (Not in Monument)	600	1-0699-S0008A-A0019A
A9181		6/17/1998	9/14/1960	11/6/2008	3/6/2010	Hanford (Not in Monument)	600	1-0699-S0011A-E0012A
A9778		2/21/2010	12/5/2007	12/5/2007	3/6/2010	Hanford (Not in Monument)	600	1-0699-S0011A-E0012AP
A9182			6/30/1963	6/30/1963		Hanford (Not in Monument)	600	1-0699-S0011A-E0012B
A5366		1/23/2007	5/2/2000	5/2/2000	3/7/2010	Hanford (Not in Monument)	600	1-0699-S0012A-A0003A
A5367		12/11/1990	11/12/1958	7/16/2001	3/7/2010	Hanford (Not in Monument)	600	1-0699-S0014A-A0020A
A9782			11/12/1958	11/12/1958	12/1/1982	Hanford (Not in Monument)	600	1-0699-S0014A-A0020AO
A9783		10/28/1969	11/12/1958	11/12/1958		Hanford (Not in Monument)	600	1-0699-S0014A-A0020AP
A9186			12/31/1976	1/23/2004		Hanford (Not in Monument)	600	1-0699-S0014A-A0020B
A9187			12/31/1976	1/23/2004		Hanford (Not in Monument)	600	1-0699-S0014A-A0020C
A9190		1/23/1980	8/31/1981	8/31/1981		Hanford (Not in Monument)	600	1-0699-S0016A-E0014A
A5368		3/14/1979	11/30/1961	11/30/1961	3/7/2010	Hanford (Not in Monument)	600	1-0699-S0018A-E0002A
A9784			11/30/1961	11/30/1961		Hanford (Not in Monument)	600	1-0699-S0018A-E0002AO
A9785		10/28/1969	11/30/1961	11/30/1961	3/7/2010	Hanford (Not in Monument)	600	1-0699-S0018A-E0002AP
A9199			8/31/1977	11/3/2009	3/7/2010	Hanford (Not in Monument)	600	1-0699-S0018A-E0002B
A5369		2/28/2008	2/17/2004	2/17/2004	3/7/2010	Hanford (Not in Monument)	600	1-0699-S0019A-A0011A
A5370		3/9/2010	9/21/2000	5/17/2005	3/5/2010	Hanford (Not in Monument)	300	1-0699-S0019A-E0013A
A5421		2/18/2010	9/17/1991	9/17/1991	3/5/2010	Hanford (Not in Monument)	300	1-0699-S0019A-E0014A
C4855		2/18/2010	7/12/2005	9/28/2005	3/5/2010	Hanford (Not in Monument)	600	1-0699-S0020A-E0010A
A5422		8/4/2008	9/23/1991	6/6/2007	3/5/2010	Hanford (Not in Monument)	600	1-0699-S0022A-E0009A
A5423		2/11/2008	9/26/1991	9/26/1991	3/5/2010	Hanford (Not in Monument)	600	1-0699-S0022A-E0009B
A5424		2/28/2008	6/3/1991	6/6/2007	3/5/2010	Hanford (Not in Monument)	600	1-0699-S0022A-E0009C
A9200						Hanford (Not in Monument)	600	1-0699-S0022A-E0009D
A9202		2/21/1996	9/7/1949	9/7/1949	2/21/1996	Offsite (Not in Monument)	Benton County	1-0699-S0024A-A0019A
B2479						Offsite (Not in Monument)	Benton County	1-0699-S0024A-A0019B
B2781		2/28/2008	12/16/1999	12/16/1999	3/7/2010	Offsite (Not in Monument)	Benton County	1-0699-S0024A-A0019P
B2782		2/28/2008	12/16/1999	5/8/2003	3/7/2010	Offsite (Not in Monument)	Benton County	1-0699-S0024A-A0019Q
A5425		8/26/2008	6/26/1991	6/6/2007	3/5/2010	Hanford (Not in Monument)	600	1-0699-S0027A-E0009A
A5426		2/11/2008	9/19/1991	6/6/2007	3/5/2010	Hanford (Not in Monument)	600	1-0699-S0027A-E0009B
A5427		2/11/2008	5/24/1991	6/6/2007	3/5/2010	Hanford (Not in Monument)	600	1-0699-S0027A-E0009C
A9205						Hanford (Not in Monument)	600	1-0699-S0027A-E0009D
B2420		7/27/2007	12/28/1996	12/28/1996	3/5/2010	Hanford (Not in Monument)	600	1-0699-S0027A-E0012A
A5371		5/4/2010	2/20/2001	2/20/2001	3/5/2010	Hanford (Not in Monument)	300	1-0699-S0027A-E0014A
A9206		1/31/2007	5/20/1981	5/19/2003	1/31/2007	Hanford (Not in Monument)	600	1-0699-S0028A-E0000A

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
A5428	699-S28-E12	115000.747	593538.051	119.813	GROUNDWATER WELL	5/17/1991	IN-USE	59.1	ft	48.21	ft			
B2419	699-S28-E13A	114789.624	593726.375	119.795	GROUNDWATER WELL	12/28/1996	IN-USE							
B2422	699-S29-E10A	114771.44	592989.866	120.156	GROUNDWATER WELL	12/28/1996	IN-USE							
A9207	699-S29-E11	114591.332	593175.85	118.563	GROUNDWATER WELL	6/25/1991	IN-USE	67.7	ft					
A5372	699-S29-E12	114569.48	593625.988	119.26	GROUNDWATER WELL	11/5/1971	IN-USE	80	ft	40.41	ft			
B2418	699-S29-E13A	114492.511	593932.697	119.915	GROUNDWATER WELL	12/28/1996	IN-USE					N		
A5429	699-S29-E16A	114731.054	594750.576	116.756	GROUNDWATER WELL	9/6/1991	IN-USE	52	ft	38.72	ft	N		
A5430	699-S29-E16B	114738.76	594746.905	116.801	GROUNDWATER WELL	9/21/1991	IN-USE	118.5	ft	35.03	ft	N		
A5431	699-S29-E16C	114730.532	594742.358	116.679	GROUNDWATER WELL	9/27/1991	IN-USE	177.9	ft	7.27	ft	N		
A9208	699-S30-E9	114260.45	592623.24	115.439	VADOSE WELL	1/10/1990	DECOMMISSIONED	25.6	ft					
A5375	699-S30-E10A	114379.597	592861.773	120.582	GROUNDWATER WELL	11/14/1989	IN-USE	67.5	ft					
A5376	699-S30-E10B	114284.667	592869.635	120.512	GROUNDWATER WELL	1/19/1990	IN-USE	58.5	ft					
B2421	699-S30-E11A	114436.963	593389.751	119.93	GROUNDWATER WELL	12/28/1996	IN-USE							
A9209	699-S30-E14	114270.314	594368.035	123.352	GROUNDWATER WELL	8/8/1962	IN-USE	219	ft	0.5	ft	N		
A5377	699-S30-E15A	114308.434	594470.923	123.155	GROUNDWATER WELL	10/27/1971	IN-USE	80	ft	59.39	ft			
A9210	699-S30-E15B	114299.884	594468.21		UNCLASSIFIED	10/31/1971	CANDIDATE FOR DECOMMISSIONING	93	ft					
A5378	699-S31-1	114213.267	589749.279	141.238	PIEZOMETER HOST	1/31/1951	IN-USE	228	ft	79.87	ft	N		
A9786	699-S31-1P	114213.267	589749.279	141.281	HOSTED PIEZOMETER	1/31/1951	IN-USE	228	ft					
A5384	699-S31-E8A	113933.519	592251.767	115.246	GROUNDWATER WELL	10/31/1989	IN-USE	34.7	ft	19.22	ft			
A9211	699-S31-E8B	113995.85	592251.81	113.747	VADOSE WELL	6/30/1989	DECOMMISSIONED	17.3	ft					
A9212	699-S31-E8C	113985.27	592501.19	115.378	VADOSE WELL	1/19/1990	DECOMMISSIONED	25.3	ft					
A9213	699-S31-E8D	113865.94	592500.89	115.664	VADOSE WELL	1/24/1990	DECOMMISSIONED	25.6	ft					
A9214	699-S31-E9A	114153.81	592714.4	115.984	UNCLASSIFIED	1/15/1990	DECOMMISSIONED	27.8	ft					
A9215	699-S31-E9B	113967.19	592714.51	115.349	UNCLASSIFIED	2/1/1990	DECOMMISSIONED	26	ft					
A5379	699-S31-E10A	114215.011	592964.336	118.228	GROUNDWATER WELL	1/16/1990	IN-USE	59.17	ft	34.35	ft	N		
A5380	699-S31-E10B	114149.174	592959.545	117.968	GROUNDWATER WELL	1/9/1990	IN-USE	44	ft					
A5381	699-S31-E10C	114154.707	592966.859	117.722	GROUNDWATER WELL	1/4/1990	IN-USE	60.5	ft					
A5382	699-S31-E10D	114065.749	592967.311	117.011	GROUNDWATER WELL	12/4/1989	IN-USE	54.5	ft	29.85	ft	N		
A9216	699-S31-E10E	114142.173	592966.177	117.873	GROUNDWATER WELL	7/9/1991	IN-USE	98.5	ft					
A9217	699-S31-E10F	114104.7	592837.44	115.764	VADOSE WELL	12/21/1989	DECOMMISSIONED	28.3	ft					
A9218	699-S31-E10G	114015.53	592864.24	115.197	VADOSE WELL	1/17/1990	DECOMMISSIONED	27	ft					
A9219	699-S31-E10H	114046.46	592897.92	117.279	UNCLASSIFIED	1/25/1990	DECOMMISSIONED	34.5	ft					
A9220	699-S31-E11	114157.134	593425.115	119.118	GROUNDWATER WELL	3/31/1991	IN-USE	63	ft	40.26	ft	N	6/24/1991	50.4
A5383	699-S31-E13	114012.773	593942.046	121.123	GROUNDWATER WELL	10/3/1979	DECOMMISSIONED	100	ft					
A5387	699-S32-E8	113922.358	592263.836	115.472	GROUNDWATER WELL	1/19/1990	IN-USE	81.4	ft					
A9222	699-S32-E9	113894.46	592608.69	115.515	UNCLASSIFIED	1/29/1990	DECOMMISSIONED	25.5	ft					
A9223	699-S32-E11	113724.546	593163.081	118.933	GROUNDWATER WELL	7/26/1991	IN-USE	54	ft					
A5385	699-S32-E13A	113886.057	593963.44	120.023	GROUNDWATER WELL	9/25/1979	IN-USE	100	ft	43.96	ft	N		
A5386	699-S32-E13B	113881.391	593786.772	121.322	GROUNDWATER WELL	10/4/1979	IN-USE	100	ft	49	ft	N		
A9389	3099-47-18A	113699.083	594896.877	115.151	VADOSE WELL	3/31/1948	CANDIDATE FOR DECOMMISSIONING	191	ft					
A5062	3099-47-18B	113704.564	594896.797	115.388	GROUNDWATER WELL	12/31/1948	IN-USE	71	ft	34.55	ft	N		
C4345	AT-3-1-D(1)	116733.965	594384.577	105.273	AQUIFER TUBE	2/6/2004	IN-USE	21.63	ft					
C4348	AT-3-1-D(2)	116739.488	594384.954	105.413	AQUIFER TUBE	2/6/2004	IN-USE	21.5	ft					
C4346	AT-3-1-M	116737.016	594384.907	105.279	AQUIFER TUBE	2/6/2004	IN-USE	17.33	ft					
C4347	AT-3-1-S	116737.054	594383.725	105.542	AQUIFER TUBE	2/6/2004	IN-USE	12.08	ft					
C4349	AT-3-2-M	116437.665	594435.306	105.179	AQUIFER TUBE	2/9/2004	IN-USE	17.08	ft					
C4350	AT-3-2-S	116439.56	594434.714	105.192	AQUIFER TUBE	2/9/2004	IN-USE	11.25	ft					
C4351	AT-3-3-D	116159.062	594505.631	104.956	AQUIFER TUBE	2/10/2004	IN-USE	29.58	ft					
C4352	AT-3-3-M	116160.406	594505.464	105.119	AQUIFER TUBE	2/10/2004	IN-USE	15.58	ft					
C4353	AT-3-3-S	116163.568	594505.024	105.003	AQUIFER TUBE	2/10/2004	IN-USE	7.42	ft					
C4354	AT-3-4-D	115980.412	594541.904	105.299	AQUIFER TUBE	2/11/2004	IN-USE	12.5	ft					
C4355	AT-3-4-M	115976.383	594543.643	105.296	AQUIFER TUBE	2/11/2004	IN-USE	9.71	ft					

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
A5428	65.5	ft				W-8A	1100-EM-1	T10N, R28E, S10	
B2419	60.9	ft				COE-2	1100-EM-1	T10N, R28E, S11	
B2422	60.6	ft				COE-5	1100-EM-1	T10N, R28E, S10	
A9207	45.1	ft				MW-20	1100-EM-1	T10N, R28E, S15	
A5372	80.53	ft				50-15	1100-EM-1	T10N, R28E, S14	
B2418						COE-1	1100-EM-1	T10N, R28E, S14	
A5429	50.51	ft				1A	1100-EM-1	T10N, R28E, S11	
A5430	106.25	ft				1B	1100-EM-1	T10N, R28E, S11	
A5431	178.44	ft				1C	1100-EM-1	T10N, R28E, S11	
A9208						HRL-5	1100-EM-1	T10N, R28E, S15	
A5375	58.65	ft				MW-10	1100-EM-1	T10N, R28E, S15	
A5376						MW-11	1100-EM-1	T10N, R28E, S15	
B2421	59.2	ft				COE-4	1100-EM-1	T10N, R28E, S15	
A9209						3099-49-E16, 699-S30E15C, DDH-3	1100-EM-1	T10N, R28E, S14	
A5377	77	ft				699-49-17A, 699-S30E15A	1100-EM-1	T10N, R28E, S14	
A9210	93	ft				699-49-17B, 699-S30E15B	1100-EM-1	T10N, R28E, S14	
A5378	227.4	ft				S30.7-0.7, USGS NO.12	1100-EM-1	T10N, R28E, S17	
A9786	226.9	ft					1100-EM-1	T10N, R28E, S17	
A5384	36.2	ft				699-S31-E08, 699-S31-E8, MW-8	1100-EM-1	T10N, R28E, S15	
A9211						HRL-1	1100-EM-1	T10N, R28E, S15	
A9212						HRL-2	1100-EM-1	T10N, R28E, S15	
A9213						HRL-3	1100-EM-1	T10N, R28E, S15	
A9214						HRL-6	1100-EM-1	T10N, R28E, S15	
A9215						HRL-7	1100-EM-1	T10N, R28E, S15	
A5379	51.97	ft				MW-12	1100-EM-1	T10N, R28E, S15	
A5380	45.35	ft				MW-13	1100-EM-1	T10N, R28E, S15	
A5381	57.73	ft				MW-14	1100-EM-1	T10N, R28E, S15	
A5382	43.27	ft				MW-15	1100-EM-1	T10N, R28E, S15	
A9216						MW-21	1100-EM-1	T10N, R28E, S15	
A9217						HRL-8	1100-EM-1	T10N, R28E, S15	
A9218						HRL-9	1100-EM-1	T10N, R28E, S15	
A9219						HRL-10	1100-EM-1	T10N, R28E, S15	
A9220	52.99	ft				MW-22	1100-EM-1	T10N, R28E, S15	
A5383	76.8	ft				STES#6	1100-EM-1	T10N, R28E, S14	
A5387	83.1	ft				699-S32-E08, MW-9	1100-EM-1	T10N, R28E, S15	
A9222						HRL-4	1100-EM-1	T10N, R28E, S15	
A9223	50.9	ft				MW-19	1100-EM-1	T10N, R28E, S15	
A5385	63.11	ft				STES#1	1100-EM-1	T10N, R28E, S14	
A5386	74.95	ft				STES#7	1100-EM-1	T10N, R28E, S14	
A9389	191	ft				3000-4	1100-EM-1	T10N, R28E, S14	
A5062	72.2	ft				3000-F	1100-EM-1	T10N, R28E, S14	
C4345						366-1-1, AT-3-1-D	300-FF-5	T10N, R28E, S2	
C4348						366-1-4, AT-3-1-D-2	300-FF-5	T10N, R28E, S2	
C4346						366-1-2	300-FF-5	T10N, R28E, S2	
C4347						366-1-3	300-FF-5	T10N, R28E, S2	
C4349						366-1-5	300-FF-5	T10N, R28E, S2	
C4350						366-1-6	300-FF-5	T10N, R28E, S2	
C4351						366-2-1	300-FF-5	T10N, R28E, S11	
C4352						366-2-2	300-FF-5	T10N, R28E, S11	
C4353						366-2-3	300-FF-5	T10N, R28E, S11	
C4354						366-3-1	300-FF-5	T10N, R28E, S11	
C4355						366-3-2	300-FF-5	T10N, R28E, S11	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE _UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
A5428	11EM1, RICH-NORTH	GROUNDWATER SAMPLE							
B2419	11EM1	GROUNDWATER SAMPLE				300-215	300-FF-2	300-215	300-FF-2
B2422	11EM1	GROUNDWATER SAMPLE							
A9207	11EM1, RICH-NORTH	GROUNDWATER SAMPLE							
A5372	11EM1	GROUNDWATER SAMPLE				300-215	300-FF-2	300-215	300-FF-2
B2418	11EM1	GROUNDWATER SAMPLE				300-215	300-FF-2	300-215	300-FF-2
A5429	RICH-NORTH	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	300-215	300-FF-2	300-215	300-FF-2
A5430	RICH-NORTH	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	300-215	300-FF-2	300-215	300-FF-2
A5431	RICH-NORTH	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	300-215	300-FF-2	300-215	300-FF-2
A9208						HRD	1100-EM-1	HRD	1100-EM-1
A5375	11EM1, RICH-NORTH	GROUNDWATER SAMPLE							
A5376	11EM1, RICH-NORTH	GROUNDWATER SAMPLE							
B2421	11EM1	GROUNDWATER SAMPLE							
A9209			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	300-215	300-FF-2	300-215	300-FF-2
A5377	DOH, RICH-NORTH	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	300-215	300-FF-2	300-215	300-FF-2
A9210			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	300-215	300-FF-2	300-215	300-FF-2
A5378	RICH-NORTH	GROUNDWATER SAMPLE							
A9786									
A5384	DOH, RICH-NORTH	GROUNDWATER SAMPLE							
A9211									
A9212									
A9213									
A9214						HRD	1100-EM-1	HRD	1100-EM-1
A9215						HRD	1100-EM-1	HRD	1100-EM-1
A5379	11EM1	GROUNDWATER SAMPLE							
A5380	RICH-NORTH	GROUNDWATER SAMPLE							
A5381	11EM1, RICH-NORTH	GROUNDWATER SAMPLE							
A5382	11EM1	GROUNDWATER SAMPLE							
A9216	RICH-NORTH	GROUNDWATER SAMPLE							
A9217						HRD	1100-EM-1	HRD	1100-EM-1
A9218						HRD	1100-EM-1	HRD	1100-EM-1
A9219						HRD	1100-EM-1	HRD	1100-EM-1
A9220	11EM1	GROUNDWATER SAMPLE							
A5383						300-215	300-FF-2	300-215	300-FF-2
A5387	RICH-NORTH	GROUNDWATER SAMPLE							
A9222						HRD	1100-EM-1	HRD	1100-EM-1
A9223	RICH-NORTH	GROUNDWATER SAMPLE							
A5385	RICH-NORTH, RRC-COOL-PONDS	GROUNDWATER SAMPLE				300-215	300-FF-2	300-215	300-FF-2
A5386						300-215	300-FF-2	300-215	300-FF-2
A9389									
A5062	RICH-NORTH	GROUNDWATER SAMPLE							
C4345	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4348			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4346	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4347	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4349	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4350	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4351	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4352	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4353	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4354	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4355	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
A5428					300-215	300-FF-2	8/25/2009		5/9/1991
B2419	300-215	300-FF-2	300-215	300-FF-2	300-215	300-FF-2	9/23/2007		
B2422							7/27/2007		
A9207							2/28/2008		9/20/1991
A5372	300-215	300-FF-2	300-215	300-FF-2	300-215	300-FF-2	11/6/2006		
B2418	300-215	300-FF-2	300-215	300-FF-2	300-215	300-FF-2	2/28/2008		
A5429	300-215	300-FF-2	300-215	300-FF-2	300-215	300-FF-2	5/4/2010		
A5430	300-215	300-FF-2	300-215	300-FF-2	300-215	300-FF-2	8/19/2008		8/15/1991
A5431	300-215	300-FF-2	300-215	300-FF-2	300-215	300-FF-2	4/16/2009		8/12/1991
A9208	HRD	1100-EM-1	HRD	1100-EM-1	HRD	1100-EM-1			1/10/1990
A5375					HRD	1100-EM-1	8/19/2008		
A5376			HRD	1100-EM-1	HRD	1100-EM-1	8/25/2008		
B2421							8/25/2008		
A9209	300-215	300-FF-2	300-215	300-FF-2	300-215	300-FF-2	10/31/2000		
A5377	300-215	300-FF-2	300-215	300-FF-2	300-215	300-FF-2	9/18/2009		
A9210	300-215	300-FF-2	300-215	300-FF-2	300-215	300-FF-2	1/11/1980		
A5378							3/20/2008		
A9786							3/20/2008		
A5384							3/9/2010		
A9211									6/29/1989
A9212					HRD	1100-EM-1			1/19/1990
A9213					HRD	1100-EM-1			1/24/1990
A9214	HRD	1100-EM-1	HRD	1100-EM-1	HRD	1100-EM-1			1/15/1990
A9215	HRD	1100-EM-1	HRD	1100-EM-1	HRD	1100-EM-1			2/1/1990
A5379					HRD	1100-EM-1	3/4/2010		
A5380					HRD	1100-EM-1	2/4/2009		
A5381					HRD	1100-EM-1	1/13/2009		
A5382					HRD	1100-EM-1	2/28/2008		
A9216					HRD	1100-EM-1	2/28/2008		
A9217	HRD	1100-EM-1	HRD	1100-EM-1	HRD	1100-EM-1			12/21/1989
A9218	HRD	1100-EM-1	HRD	1100-EM-1	HRD	1100-EM-1			1/17/1990
A9219	HRD	1100-EM-1	HRD	1100-EM-1	HRD	1100-EM-1			1/25/1990
A9220							2/28/2008		
A5383	300-215	300-FF-2	300-215	300-FF-2	300-215	300-FF-2	9/10/1992		
A5387							2/28/2008		
A9222	HRD	1100-EM-1	HRD	1100-EM-1	HRD	1100-EM-1			1/29/1990
A9223							8/27/2008		
A5385	300-215	300-FF-2	300-215	300-FF-2	300-215	300-FF-2	3/17/2010		
A5386	300-215	300-FF-2	300-215	300-FF-2	300-215	300-FF-2	6/28/2004		
A9389									
A5062							9/23/2007		
C4345	300-51	300-FF-1	300-51	300-FF-1	300-51,316-2	300-FF-1	1/11/2010		
C4348			300-51	300-FF-1	316-2,300-49,300-51	300-FF-1			
C4346			300-51	300-FF-1	300-51,316-2	300-FF-1	3/10/2010		
C4347			300-51	300-FF-1	316-2,300-51	300-FF-1	1/11/2010		
C4349					316-2,618-12	300-FF-1	3/10/2010		
C4350					618-12,316-2	300-FF-1	11/19/2009		
C4351					300 RFBP	300-FF-1	3/17/2010		
C4352					300 RFBP	300-FF-1	3/10/2010		
C4353					300 RFBP	300-FF-1	3/10/2010		
C4354			300-261	300-FF-2	300-261	300-FF-2	3/10/2010		
C4355			300-261	300-FF-2	300-261	300-FF-2	11/19/2009		

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
A5428		8/25/2009	5/17/1991	5/17/1991	3/5/2010	Hanford (Not in Monument)	600	1-0699-S0028A-E0012A
B2419		9/23/2007	12/28/1996	12/28/1996	3/5/2010	Hanford (Not in Monument)	300	1-0699-S0028A-E0013A
B2422		7/27/2007	12/28/1996	12/28/1996	3/15/2010	Hanford (Not in Monument)	600	1-0699-S0029A-E0010A
A9207		2/28/2008	6/25/1991	6/25/1991	3/15/2010	Hanford (Not in Monument)	600	1-0699-S0029A-E0011A
A5372		11/6/2006	8/16/2001	11/11/2005	3/15/2010	Hanford (Not in Monument)	600	1-0699-S0029A-E0012A
B2418		2/28/2008	12/28/1996	10/14/2005	3/5/2010	Hanford (Not in Monument)	600	1-0699-S0029A-E0013A
A5429		5/4/2010	9/6/1991	2/21/2007	3/5/2010	Hanford (Not in Monument)	300	1-0699-S0029A-E0016A
A5430		8/19/2008	9/21/1991	6/6/2007	3/5/2010	Hanford (Not in Monument)	300	1-0699-S0029A-E0016B
A5431		4/16/2009	9/27/1991	6/6/2007	3/5/2010	Hanford (Not in Monument)	300	1-0699-S0029A-E0016C
A9208		1/10/1990	1/10/1990	1/10/1990		Hanford (Not in Monument)	600	1-0699-S0030A-E0009A
A5375		8/19/2008	11/14/1989	11/14/1989	3/15/2010	Hanford (Not in Monument)	600	1-0699-S0030A-E0010A
A5376		8/25/2008	1/19/1990	7/25/2005	8/25/2008	Hanford (Not in Monument)	600	1-0699-S0030A-E0010B
B2421		8/25/2008	12/28/1996	12/28/1996	3/15/2010	Hanford (Not in Monument)	600	1-0699-S0030A-E0011A
A9209		10/31/2000	8/8/1962	11/16/2009	3/15/2010	Hanford (Not in Monument)	300	1-0699-S0030A-E0014A
A5377		9/18/2009	9/21/2000	7/14/2005	3/15/2010	Hanford (Not in Monument)	300	1-0699-S0030A-E0015A
A9210		1/11/1980	10/31/1971	10/31/1971		Hanford (Not in Monument)	300	1-0699-S0030A-E0015B
A5378		3/20/2008	12/13/2007	12/13/2007	3/7/2010	Hanford (Not in Monument)	600	1-0699-S0031A-A0001A
A9786		3/20/2008	1/31/1951	1/31/1951	3/7/2010	Hanford (Not in Monument)	600	1-0699-S0031A-A0001P
A5384		3/9/2010	10/31/1989	6/11/2001	3/15/2010	Hanford (Not in Monument)	600	1-0699-S0031A-E0008A
A9211		6/29/1989	6/30/1989	6/30/1989		Hanford (Not in Monument)	600	1-0699-S0031A-E0008B
A9212		1/19/1990	1/19/1990	1/19/1990		Hanford (Not in Monument)	600	1-0699-S0031A-E0008C
A9213		1/24/1990	1/24/1990	1/24/1990		Hanford (Not in Monument)	600	1-0699-S0031A-E0008D
A9214		1/15/1990	1/15/1990	1/15/1990		Hanford (Not in Monument)	600	1-0699-S0031A-E0009A
A9215		2/1/1990	2/1/1990	2/1/1990		Hanford (Not in Monument)	600	1-0699-S0031A-E0009B
A5379		3/4/2010	1/16/1990	2/21/2007	1/13/2009	Hanford (Not in Monument)	600	1-0699-S0031A-E0010A
A5380		2/4/2009	1/9/1990	1/9/1990	3/15/2010	Hanford (Not in Monument)	600	1-0699-S0031A-E0010B
A5381		1/13/2009	1/4/1990	1/4/1990	3/15/2010	Hanford (Not in Monument)	600	1-0699-S0031A-E0010C
A5382		2/28/2008	12/4/1989	2/21/2007	2/28/2008	Hanford (Not in Monument)	600	1-0699-S0031A-E0010D
A9216		2/28/2008	7/9/1991	11/9/2005	3/15/2010	Hanford (Not in Monument)	600	1-0699-S0031A-E0010E
A9217		12/21/1989	12/21/1989	12/21/1989		Hanford (Not in Monument)	600	1-0699-S0031A-E0010F
A9218		1/17/1990	1/17/1990	1/17/1990		Hanford (Not in Monument)	600	1-0699-S0031A-E0010G
A9219		1/25/1990	1/25/1990	1/25/1990		Hanford (Not in Monument)	600	1-0699-S0031A-E0010H
A9220		2/28/2008	3/31/1991	2/21/2007	3/15/2010	Hanford (Not in Monument)	600	1-0699-S0031A-E0011A
A5383		9/10/1992	10/3/1979	10/3/1979	12/23/1992	Hanford (Not in Monument)	600	1-0699-S0031A-E0013A
A5387		2/28/2008	1/19/1990	1/19/1990	3/15/2010	Hanford (Not in Monument)	600	1-0699-S0032A-E0008A
A9222		1/29/1990	1/29/1990	1/29/1990		Hanford (Not in Monument)	600	1-0699-S0032A-E0009A
A9223		8/27/2008	7/26/1991	7/26/1991	3/15/2010	Offsite (Not in Monument)	Benton County	1-0699-S0032A-E0011A
A5385		3/17/2010	11/20/2007	11/20/2007	3/15/2010	Hanford (Not in Monument)	600	1-0699-S0032A-E0013A
A5386		6/28/2004	5/12/2004	5/12/2004	3/15/2010	Hanford (Not in Monument)	600	1-0699-S0032A-E0013B
A9389			3/31/1948	3/31/1948		Offsite (Not in Monument)	Benton County	1-3099-A0047-A0018A
A5062		9/23/2007	11/20/2007	11/20/2007	3/15/2010	Offsite (Not in Monument)	Benton County	1-3099-A0047-A0018B
C4345		1/11/2010	2/6/2004	2/6/2004		Offsite (Not in Monument)	Benton County	6-AT-3-1-D(1)-A0311T---D()-A0001A
C4348			2/6/2004	2/6/2004		Offsite (Not in Monument)	Benton County	6-AT-3-1-D(2)-A0312T---D()-A0001A
C4346		3/10/2010	2/6/2004	2/6/2004		Offsite (Not in Monument)	Benton County	6-AT-3-1-M-A0031T---M-A0001A
C4347		1/11/2010	2/6/2004	2/6/2004		Offsite (Not in Monument)	Benton County	6-AT-3-1-S-A0031T---S-A0001A
C4349		3/10/2010	2/9/2004	2/9/2004		Hanford (Not in Monument)	600	6-AT-3-2-M-A0032T---M-A0001A
C4350		11/19/2009	2/9/2004	2/9/2004		Hanford (Not in Monument)	600	6-AT-3-2-S-A0032T---S-A0001A
C4351		3/17/2010	2/10/2004	2/10/2004		Hanford (Not in Monument)	600	6-AT-3-3-D-A0033T---D-A0001A
C4352		3/10/2010	2/10/2004	2/10/2004		Hanford (Not in Monument)	600	6-AT-3-3-M-A0033T---M-A0001A
C4353		3/10/2010	2/10/2004	2/10/2004		Hanford (Not in Monument)	600	6-AT-3-3-S-A0033T---S-A0001A
C4354		3/10/2010	2/11/2004	2/11/2004		Hanford (Not in Monument)	600	6-AT-3-4-D-A0034T---D-A0001A
C4355		11/19/2009	2/11/2004	2/11/2004		Hanford (Not in Monument)	600	6-AT-3-4-M-A0034T---M-A0001A

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
C4356	AT-3-4-S	115978.828	594542.624	105.335	AQUIFER TUBE	2/11/2004	IN-USE	7.5	ft					
C4357	AT-3-5-M	115753.181	594600.678		AQUIFER TUBE	2/17/2004	IN-USE	12.67	ft					
C4358	AT-3-5-S	115749.968	594602.159	105.1	AQUIFER TUBE	2/17/2004	IN-USE	8.21	ft					
C4359	AT-3-6-D	115547.715	594663.947	104.837	AQUIFER TUBE	2/17/2004	IN-USE	39.13	ft					
C4360	AT-3-6-M	115545.896	594663.856	104.944	AQUIFER TUBE	2/17/2004	IN-USE	22.33	ft					
C4361	AT-3-6-S	115548.309	594663.336	104.892	AQUIFER TUBE	2/17/2004	IN-USE	10.13	ft					
C4362	AT-3-7-D	115348.62	594706.323	104.87	AQUIFER TUBE	2/19/2004	IN-USE	37.75	ft					
C4363	AT-3-7-M	115350.598	594706.026	104.93	AQUIFER TUBE	2/19/2004	IN-USE	21.33	ft					
C4364	AT-3-7-S	115352.844	594705.293	104.887	AQUIFER TUBE	2/19/2004	IN-USE	9.13	ft					
C4365	AT-3-8-D	115130.709	594759.951	105.049	AQUIFER TUBE	2/20/2004	IN-USE	20.58	ft					
C4366	AT-3-8-M	115129.001	594760.643	104.94	AQUIFER TUBE	2/20/2004	IN-USE	14.46	ft					
C4367	AT-3-8-S	115127.249	594761.597	104.99	AQUIFER TUBE	2/20/2004	IN-USE	8.46	ft					
C5272	103mArray-AT3A	116163.0859	594512.4375		AQUIFER TUBE	7/25/2005	IN-USE	7.39	ft					
C5278	103mArray-DS25	116137.7344	594518.125		AQUIFER TUBE	7/25/2005	IN-USE	6.08	ft					
C5279	103mArray-DS50	116123.3672	594521.25		AQUIFER TUBE	7/25/2005	IN-USE	5.75	ft					
C5280	103mArray-DS75	116082.3672	594530.125		AQUIFER TUBE	7/25/2005	IN-USE	8.37	ft					
C5276	103mArray-US100	116271.5469	594479		AQUIFER TUBE	8/25/2005	IN-USE	6.54	ft					
C5277	103mArray-US125	116306.1563	594468.5		AQUIFER TUBE	8/25/2005	IN-USE	3.22	ft					
C5273	103mArray-US25	116188.8516	594505.5625		AQUIFER TUBE	7/25/2005	IN-USE	6.08	ft					
C5274	103mArray-US50	116207.4219	594500		AQUIFER TUBE	7/25/2005	IN-USE	6.57	ft					
C5275	103mArray-US75	116237.375	594490.125		AQUIFER TUBE	8/25/2005	IN-USE	6.73	ft					
C4690	300-3-3A-124cm	116163.246	594512.706		AQUIFER TUBE	6/3/2004	IN-USE	4.6	ft					
C4645	300-3-3A-410cm	116163.246	594512.206	105.05	AQUIFER TUBE	3/30/2004	IN-USE	13.95	ft					
C4739	300-3-3A-579cm	116163.25	594512.21		AQUIFER TUBE	8/8/2004	IN-USE	19.5	ft					
C4646	300-3-3B-376cm	116165.529	594516.017	104.48	AQUIFER TUBE	3/30/2004	IN-USE	12.84	ft				3/30/2004	12.84
C4740	300-3-3B-518cm	116165.53	594516.02		AQUIFER TUBE	8/8/2004	IN-USE	17.49	ft					
C4741	300-3-3C-409cm	116167.35	594524.41		AQUIFER TUBE	8/8/2004	IN-USE	13.92	ft					
C4742	300-3-3C-589cm	116167.65	594524.71		AQUIFER TUBE	8/8/2004	IN-USE	19.82	ft					
C4644	300SPR9A-142cm	116209.672	594495.324	104.95	AQUIFER TUBE	3/23/2004	IN-USE	5.16	ft					
C4642	300SPR9A-19cm	116209.672	594495.324	104.92	AQUIFER TUBE	3/30/2004	IN-USE	1.12	ft					
C4643	300SPR9A-86cm	116209.672	594495.324	104.94	AQUIFER TUBE	3/30/2004	IN-USE	3.32	ft					
C4074	644-S6-E4A	121729.403	590928.911	133.748	SOIL TUBE	9/11/2002	CANDIDATE FOR DECOMMISSIONING	19.6	ft					
C4075	644-S6-E4B	121711.767	590942.859	133.428	SOIL TUBE	9/11/2002	CANDIDATE FOR DECOMMISSIONING	19.6	ft					

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
C4356						366-3-3	300-FF-5	T10N, R28E, S11	
C4357						366-4-1	300-FF-5	T10N, R28E, S11	
C4358						366-4-2	300-FF-5	T10N, R28E, S11	
C4359						366-4-3	300-FF-5	T10N, R28E, S11	
C4360						366-4-4	300-FF-5	T10N, R28E, S11	
C4361						366-4-5	300-FF-5	T10N, R28E, S11	
C4362						366-4-6	300-FF-5	T10N, R28E, S11	
C4363						366-4-7	300-FF-5	T10N, R28E, S11	
C4364						366-4-8	300-FF-5	T10N, R28E, S11	
C4365						366-4-9	1100-EM-1	T10N, R28E, S11	
C4366						366-4-10	1100-EM-1	T10N, R28E, S11	
C4367						366-4-11	1100-EM-1	T10N, R28E, S11	
C5272							300-FF-5	T10N, R28E, S11	
C5278							300-FF-5	T10N, R28E, S11	
C5279							300-FF-5	T10N, R28E, S11	
C5280							300-FF-5	T10N, R28E, S11	
C5276							300-FF-5	T10N, R28E, S11	
C5277							300-FF-5	T10N, R28E, S2	
C5273							300-FF-5	T10N, R28E, S11	
C5274							300-FF-5	T10N, R28E, S11	
C5275							300-FF-5	T10N, R28E, S11	
C4690						300 3-3A-124 cm, 366-2-10	300-FF-5	T10N, R28E, S11	
C4645						300 3-3A-410cm, 366-2-8	300-FF-5	T10N, R28E, S11	
C4739						300A-3-3A-579cm	300-FF-5	T10N, R28E, S11	
C4646						300 3-3B-376cm, 366-2-9	300-FF-5	T10N, R28E, S11	
C4740						300A-3-3B-518cm	300-FF-5	T10N, R28E, S11	
C4741						300A-3-3C-409cm	300-FF-5	T10N, R28E, S11	
C4742						300A-3-3C-589cm	300-FF-5	T10N, R28E, S11	
C4644						300 SPR 9A-142cm, 366-2-7	300-FF-5	T10N, R28E, S11	
C4642						300 SPR 9A-19cm, 366-2-5	300-FF-5	T10N, R28E, S11	
C4643						300 SPR 9A-86cm, 366-2-6	300-FF-5	T10N, R28E, S11	
C4074							300-FF-5	T11N, R28E, S21	
C4075							300-FF-5	T11N, R28E, S21	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE _UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
C4356	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4357			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4358	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4359	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4360	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4361	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4362	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4363	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4364	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4365	SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4366	3FF5-300, SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4367	SHORELINE	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C5272	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C5278	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C5279	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C5280	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C5276	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C5277	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C5273	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C5274	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C5275	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4690			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4645			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4739	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4646			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4740	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4741	3FF5-300	GROUNDWATER SAMPLE	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4742			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4644			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4642			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4643			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C4074								618-10	300-FF-2
C4075								618-10	300-FF-2

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
C4356			300-261	300-FF-2	300-261	300-FF-2	3/10/2010		
C4357			300-257	300-FF-2	300-261,300-257,300-15	300-FF-2			
C4358			300-257	300-FF-2	300-15,300-257,300-261	300-FF-2	3/11/2010		
C4359					300-15	300-FF-2	3/11/2010		
C4360					300-15	300-FF-2	11/25/2009		
C4361					300-15	300-FF-2	3/11/2010		
C4362					300-15,300-14,300-17,331 LSLDF	300-FF-2	3/11/2010		
C4363					331 LSLDF,300-17,300-14,300-15	300-FF-2	3/11/2010		
C4364					300-14,300-15,300-17,331 LSLDF	300-FF-2	12/3/2008		
C4365									
C4366							11/25/2009		
C4367							3/11/2010		
C5272					300 RFBP	300-FF-1	5/5/2006		
C5278					300 RFBP	300-FF-1	5/5/2006		
C5279							5/5/2006		
C5280							5/5/2006		
C5276							5/5/2006		
C5277							5/5/2006		
C5273					300 RFBP	300-FF-1	5/5/2006		
C5274					300 RFBP	300-FF-1	5/5/2006		
C5275							5/5/2006		
C4690					300 RFBP	300-FF-1	5/5/2006		
C4645					300 RFBP	300-FF-1	9/15/2005		
C4739					300 RFBP	300-FF-1	5/5/2006		
C4646					300 RFBP	300-FF-1	5/5/2006		
C4740					300 RFBP	300-FF-1	5/5/2006		
C4741							5/5/2006		
C4742							9/15/2005		
C4644					300 RFBP	300-FF-1	5/5/2006		
C4642					300 RFBP	300-FF-1	5/5/2006		
C4643					300 RFBP	300-FF-1	5/5/2006		
C4074	618-10	300-FF-2	618-10	300-FF-2	316-4,618-10,600-96,UPR-600-2	300-FF-2			
C4075	618-10	300-FF-2	618-10,600-96,316-4	300-FF-2	UPR-600-2,600-96,618-10,316-4	300-FF-2			

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
C4356		3/10/2010	2/11/2004	2/11/2004		Hanford (Not in Monument)	600	6-AT-3-4-S-A0034T---S-A0001A
C4357			2/17/2004	2/17/2004		Hanford (Not in Monument)	600	6-AT-3-5-M-A0035T---M-A0001A
C4358		3/11/2010	2/17/2004	2/17/2004		Hanford (Not in Monument)	600	6-AT-3-5-S-A0035T---S-A0001A
C4359		3/11/2010	2/17/2004	2/17/2004		Hanford (Not in Monument)	600	6-AT-3-6-D-A0036T---D-A0001A
C4360		11/25/2009	2/17/2004	2/17/2004		Hanford (Not in Monument)	600	6-AT-3-6-M-A0036T---M-A0001A
C4361		3/11/2010	2/17/2004	2/17/2004		Hanford (Not in Monument)	600	6-AT-3-6-S-A0036T---S-A0001A
C4362		3/11/2010	2/19/2004	2/19/2004		Hanford (Not in Monument)	600	6-AT-3-7-D-A0037T---D-A0001A
C4363		3/11/2010	2/19/2004	2/19/2004		Hanford (Not in Monument)	600	6-AT-3-7-M-A0037T---M-A0001A
C4364		12/3/2008	2/19/2004	2/19/2004		Hanford (Not in Monument)	600	6-AT-3-7-S-A0037T---S-A0001A
C4365			2/20/2004	2/20/2004		Hanford (Not in Monument)	600	6-AT-3-8-D-A0038T---D-A0001A
C4366		11/25/2009	2/20/2004	2/20/2004		Hanford (Not in Monument)	600	6-AT-3-8-M-A0038T---M-A0001A
C4367		3/11/2010	2/20/2004	2/20/2004		Hanford (Not in Monument)	600	6-AT-3-8-S-A0038T---S-A0001A
C5272		5/5/2006	7/25/2005	7/25/2005		Hanford (Not in Monument)	600	9-103mArray-AT3A-A1033mArray-ATA-A0001A
C5278		5/5/2006	7/25/2005	7/25/2005		Hanford (Not in Monument)	600	9-103mArray-DS25-A0325mArray-DS-A0001A
C5279		5/5/2006	7/25/2005	7/25/2005		Hanford (Not in Monument)	600	9-103mArray-DS50-A0350mArray-DS-A0001A
C5280		5/5/2006	7/25/2005	7/25/2005		Hanford (Not in Monument)	600	9-103mArray-DS75-A0375mArray-DS-A0001A
C5276		5/5/2006	8/25/2005	8/25/2005		Hanford (Not in Monument)	600	9-103mArray-US100-A3100mArray-US-A0001A
C5277		5/5/2006	8/25/2005	8/25/2005		Hanford (Not in Monument)	600	9-103mArray-US125-A3125mArray-US-A0001A
C5273		5/5/2006	7/25/2005	7/25/2005		Hanford (Not in Monument)	600	9-103mArray-US25-A0325mArray-US-A0001A
C5274		5/5/2006	7/25/2005	7/25/2005		Hanford (Not in Monument)	600	9-103mArray-US50-A0350mArray-US-A0001A
C5275		5/5/2006	8/25/2005	8/25/2005		Hanford (Not in Monument)	600	9-103mArray-US75-A0375mArray-US-A0001A
C4690		5/5/2006	6/3/2004	6/3/2004		Hanford (Not in Monument)	600	9-300-3-3A-124cm-A3124--A-cm-A0001A
C4645		9/15/2005	3/30/2004	3/30/2004		Hanford (Not in Monument)	600	9-300-3-3A-410cm-A3410--A-cm-A0001A
C4739		5/5/2006	8/8/2004	8/8/2004		Hanford (Not in Monument)	600	9-300-3-3A-579cm-A3579--A-cm-A0001A
C4646		5/5/2006	3/30/2004	3/30/2004		Offsite (Not in Monument)	Benton County	9-300-3-3B-376cm-A3376--B-cm-A0001A
C4740		5/5/2006	8/8/2004	8/8/2004		Offsite (Not in Monument)	Benton County	9-300-3-3B-518cm-A3518--B-cm-A0001A
C4741		5/5/2006	8/8/2004	8/8/2004		Offsite (Not in Monument)	Benton County	9-300-3-3C-409cm-A3409--C-cm-A0001A
C4742		9/15/2005	8/8/2004	8/8/2004		Offsite (Not in Monument)	Benton County	9-300-3-3C-589cm-A3589--C-cm-A0001A
C4644		5/5/2006	3/23/2004	3/23/2004		Hanford (Not in Monument)	600	9-300SPR9A-142cm-A9142SPRA-cm-A0001A
C4642		5/5/2006	3/30/2004	3/30/2004		Hanford (Not in Monument)	600	9-300SPR9A-19cm-A0919SPRA-cm-A0001A
C4643		5/5/2006	3/30/2004	3/30/2004		Hanford (Not in Monument)	600	9-300SPR9A-86cm-A0986SPRA-cm-A0001A
C4074			9/11/2002	9/11/2002		Hanford (Not in Monument)	600	9-644-S6-E4A-A4464-S-EA-A0001A
C4075			9/11/2002	9/11/2002		Hanford (Not in Monument)	600	9-644-S6-E4B-A4464-S-EB-A0001A

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
C4076	644-S6-E4C	121696.278	590954.834	133.577	SOIL TUBE	9/9/2002	CANDIDATE FOR DECOMMISSIONING	20.2	ft					
C4077	644-S6-E4D	121678.214	590933.206	133.336	SOIL TUBE	9/9/2002	CANDIDATE FOR DECOMMISSIONING	19.5	ft					
C4078	644-S6-E4E	121660.642	590910.948	133.328	SOIL TUBE	9/9/2002	CANDIDATE FOR DECOMMISSIONING	17.1	ft					
C4079	644-S6-E4F	121639.063	590889.124	133.51	SOIL TUBE	9/9/2002	CANDIDATE FOR DECOMMISSIONING	19.5	ft					
C4080	644-S6-E4G	121637.776	590867.639	134.313	SOIL TUBE	9/9/2002	CANDIDATE FOR DECOMMISSIONING	19.3	ft					
C4081	644-S6-E4H	121632.485	590848.075	134.598	SOIL TUBE	9/9/2002	CANDIDATE FOR DECOMMISSIONING	19.1	ft					
C4082	644-S6-E4I	121627.392	590828.446	134.953	SOIL TUBE	9/10/2002	CANDIDATE FOR DECOMMISSIONING	19.8	ft					
C4083	644-S6-E4J	121618.441	590806.734	135.005	SOIL TUBE	9/10/2002	CANDIDATE FOR DECOMMISSIONING	19.5	ft					
C4084	644-S6-E4K	121633.562	590797.617	134.77	SOIL TUBE	9/10/2002	CANDIDATE FOR DECOMMISSIONING	19.5	ft					
C4085	644-S6-E4L	121644.524	590789.595	134.78	SOIL TUBE	9/10/2002	CANDIDATE FOR DECOMMISSIONING	19.6	ft					
C4086	644-S6-E4M	121655.234	590781.368	134.614	SOIL TUBE	9/10/2002	CANDIDATE FOR DECOMMISSIONING	19.6	ft					
C4087	644-S6-E4N	121795.67	590775.516	136.143	SOIL TUBE	9/10/2002	CANDIDATE FOR DECOMMISSIONING	19.7	ft					
A9948	A9948	114212.447	592983.188	117.238	SOIL TUBE		DECOMMISSIONED							
A9949	A9949	114054.355	592972.16	116.788	SOIL TUBE		DECOMMISSIONED							
A9950	A9950	114392.922	592868.82	120.703	SOIL TUBE		DECOMMISSIONED							
A9951	A9951	114286.709	592879.189	120.131	SOIL TUBE		DECOMMISSIONED							
A9952	A9952	114222.008	593226.745	119.079	SOIL TUBE		DECOMMISSIONED							
A9953	A9953	114328.139	593229.902	119.17	SOIL TUBE		DECOMMISSIONED							
A9954	A9954	114602.318	593191.111	118.527	SOIL TUBE		DECOMMISSIONED							
A9955	A9955	114441.574	593490.958	119.089	SOIL TUBE		DECOMMISSIONED							
A9956	A9956	114277.522	593500.86	119.653	SOIL TUBE		DECOMMISSIONED							
A9957	A9957	114170.898	593424.946	119.036	SOIL TUBE		DECOMMISSIONED							
A9958	A9958	114024.067	593525.073	121.781	SOIL TUBE		DECOMMISSIONED							
A9959	A9959	114890.549	593212.715	118.673	SOIL TUBE		DECOMMISSIONED							
A9960	A9960	115067.929	593211.164	120.386	SOIL TUBE		DECOMMISSIONED							
A9961	A9961	114753.556	593208.474	118.531	SOIL TUBE		DECOMMISSIONED							
A9962	A9962	114701.363	593367.888	117.896	SOIL TUBE		DECOMMISSIONED							
A9963	A9963	114789.259	593487.152	119.909	SOIL TUBE		DECOMMISSIONED							
A9964	A9964	114617.292	593485.13	119.035	SOIL TUBE		DECOMMISSIONED							
A9965	A9965	115285.806	593556.719	120.377	SOIL TUBE		DECOMMISSIONED							
A9966	A9966	114984.498	593539.844	119.351	SOIL TUBE		DECOMMISSIONED							
A9967	A9967	114629.908	593659.266	118.849	SOIL TUBE		DECOMMISSIONED							
A9968	A9968	114476.086	593950.714	120.602	SOIL TUBE		DECOMMISSIONED							
A9969	A9969	114213.846	594151.335	122.104	SOIL TUBE		DECOMMISSIONED							
A9392	ANF #14	113810.6	592383.8		UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING							
A9393	ANF #15	113809.4	592426.4		UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING							
A9394	ANF #16	113810.5	592476.6		UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING							
B2763	B2763	121664	591020		SOIL TUBE	3/31/1996	DECOMMISSIONED							
B2764	B2764	121676	590940		SOIL TUBE	3/31/1996	DECOMMISSIONED							
B2840	B2840	126564.325	588862.083	139.161	VADOSE WELL		IN-USE					N		
B2841	B2841	126562.797	588860.818	138.947	VADOSE WELL		IN-USE			284	ft			
B2842	B2842	126594.385	588880.206	139.342	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING			68.5	ft	N		75.35
B2843	B2843	128481.383	591242.5		VADOSE WELL		DECOMMISSIONED							
B2844	B2844	128470.094	591295.125		VADOSE WELL		DECOMMISSIONED							
B2845	B2845	128175.398	590839.938		VADOSE WELL		DECOMMISSIONED							
B2864	B2864	127806.242	590075.188		VADOSE WELL		DECOMMISSIONED							
B2870	B2870	125079.405	589095.98	142.947	VADOSE WELL		DECOMMISSIONED							
B2871	B2871	124268.878	589618.877	139.377	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING							4
B2874	B2874	126843.665	588766.339	138.151	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING					Y		
B2875	B2875	126846.078	588772.227	138.09	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING					Y		
B2876	B2876	125658.539	589162.626	141.668	VADOSE WELL		DECOMMISSIONED							

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
C4076							300-FF-5	T11N, R28E, S21	
C4077							300-FF-5	T11N, R28E, S21	
C4078							300-FF-5	T11N, R28E, S21	
C4079							300-FF-5	T11N, R28E, S21	
C4080							300-FF-5	T11N, R28E, S21	
C4081							300-FF-5	T11N, R28E, S21	
C4082							300-FF-5	T11N, R28E, S21	
C4083							300-FF-5	T11N, R28E, S21	
C4084							300-FF-5	T11N, R28E, S21	
C4085							300-FF-5	T11N, R28E, S21	
C4086							300-FF-5	T11N, R28E, S21	
C4087							300-FF-5	T11N, R28E, S21	
A9948							1100-EM-1	T10N, R28E, S15	
A9949							1100-EM-1	T10N, R28E, S15	
A9950							1100-EM-1	T10N, R28E, S15	
A9951							1100-EM-1	T10N, R28E, S15	
A9952							1100-EM-1	T10N, R28E, S15	
A9953							1100-EM-1	T10N, R28E, S15	
A9954							1100-EM-1	T10N, R28E, S15	
A9955							1100-EM-1	T10N, R28E, S15	
A9956							1100-EM-1	T10N, R28E, S15	
A9957							1100-EM-1	T10N, R28E, S15	
A9958							1100-EM-1	T10N, R28E, S15	
A9959							1100-EM-1	T10N, R28E, S10	
A9960							1100-EM-1	T10N, R28E, S10	
A9961							1100-EM-1	T10N, R28E, S10	
A9962							1100-EM-1	T10N, R28E, S10	
A9963							1100-EM-1	T10N, R28E, S10	
A9964							1100-EM-1	T10N, R28E, S15	
A9965							300-FF-5	T10N, R28E, S10	
A9966							1100-EM-1	T10N, R28E, S10	
A9967							1100-EM-1	T10N, R28E, S11	
A9968							1100-EM-1	T10N, R28E, S14	
A9969							1100-EM-1	T10N, R28E, S14	
A9392						ANF#14	1100-EM-1	T10N, R28E, S15	
A9393						ANF#15	1100-EM-1	T10N, R28E, S15	
A9394						ANF#16	1100-EM-1	T10N, R28E, S15	
B2763							300-FF-5	T11N, R28E, S21	
B2764							300-FF-5	T11N, R28E, S21	
B2840							300-FF-5	T11N, R28E, S5	
B2841	7300	ft					300-FF-5	T11N, R28E, S5	
B2842	75.35	ft		6in, 0ft - 75.35ft			300-FF-5	T11N, R28E, S5	
B2843	49.36	ft					200-PO-1	T12N, R28E, S33	
B2844	70.54	ft					200-PO-1	T12N, R28E, S33	
B2845	4	ft					300-FF-5	T12N, R28E, S33	
B2864							300-FF-5	T12N, R28E, S32	
B2870	0.5	ft					200-PO-1	T11N, R28E, S8	
B2871				4in, 0ft - 4ft			200-PO-1	T11N, R28E, S17	
B2874	0.66	ft					300-FF-5	T11N, R28E, S6	
B2875	0.66	ft					300-FF-5	T11N, R28E, S6	
B2876							300-FF-5	T11N, R28E, S8	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE_UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
C4076								618-10	300-FF-2
C4077								618-10,600-96	300-FF-2
C4078								600-96,618-10	300-FF-2
C4079						600-96	300-FF-2	618-10,600-96	300-FF-2
C4080								600-96,618-10	300-FF-2
C4081								618-10,600-96	300-FF-2
C4082								600-96,618-10	300-FF-2
C4083								618-10,600-96	300-FF-2
C4084								618-10,600-96	300-FF-2
C4085								618-10,600-96	300-FF-2
C4086								600-96,618-10	300-FF-2
C4087								618-10	300-FF-2
A9948									
A9949									
A9950									
A9951									
A9952									
A9953									
A9954									
A9955									
A9956									
A9957									
A9958									
A9959									
A9960									
A9961									
A9962									
A9963									
A9964									
A9965									
A9966									
A9967						300-215	300-FF-2	300-215	300-FF-2
A9968						300-215	300-FF-2	300-215	300-FF-2
A9969						300-215	300-FF-2	300-215	300-FF-2
A9392									
A9393									
A9394									
B2763	FY 2006 Admin Decommissioned	DECOMMISSIONING							
B2764	FY 2006 Admin Decommissioned	DECOMMISSIONING						618-10,600-96	300-FF-2
B2840									
B2841									
B2842									
B2843									
B2844									
B2845									
B2864									
B2870									
B2871									
B2874									
B2875									
B2876									

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
C4076	618-10,600-96,316-4	300-FF-2	316-4,600-96,618-10	300-FF-2	316-4,618-10,600-96	300-FF-2			
C4077	600-96,618-10	300-FF-2	618-10,600-96,316-4	300-FF-2	600-96,618-10,316-4,UPR-600-2	300-FF-2			
C4078	618-10,600-96	300-FF-2	600-96,618-10	300-FF-2	UPR-600-2,UPR-600-3,316-4,618-10,600-96	300-FF-2			
C4079	600-96,618-10	300-FF-2	618-10,600-96	300-FF-2	600-96,618-10,316-4,UPR-600-3,UPR-600-2	300-FF-2			
C4080	618-10,600-96	300-FF-2	600-96,618-10	300-FF-2	UPR-600-2,UPR-600-3,618-10,600-96	300-FF-2			
C4081	600-96,618-10	300-FF-2	618-10,600-96	300-FF-2	600-96,618-10,UPR-600-3,UPR-600-2	300-FF-2			
C4082	618-10,600-96	300-FF-2	600-96,618-10	300-FF-2	UPR-600-2,UPR-600-3,618-10,600-96	300-FF-2			
C4083	600-96,618-10	300-FF-2	618-10,600-96	300-FF-2	600-96,618-10,UPR-600-3	300-FF-2			
C4084	618-10,600-96	300-FF-2	600-96,618-10	300-FF-2	UPR-600-3,618-10,600-96	300-FF-2			
C4085	600-96,618-10	300-FF-2	618-10,600-96	300-FF-2	600-96,618-10,UPR-600-3,UPR-600-2,UPR-600-1	300-FF-2			
C4086	618-10,600-96	300-FF-2	600-96,618-10	300-FF-2	UPR-600-1,UPR-600-2,UPR-600-3,618-10,600-96	300-FF-2			
C4087	618-10	300-FF-2	618-10	300-FF-2	618-10,600-265,UPR-600-1	300-FF-2			
A9948									
A9949					HRD	1100-EM-1			
A9950									
A9951			HRD	1100-EM-1	HRD	1100-EM-1			
A9952									
A9953									
A9954									
A9955									
A9956									
A9957									
A9958					300-215	300-FF-2			
A9959									
A9960									
A9961									
A9962									
A9963									
A9964									
A9965									
A9966					300-215	300-FF-2			
A9967	300-215	300-FF-2	300-215	300-FF-2	300-215	300-FF-2			
A9968	300-215	300-FF-2	300-215	300-FF-2	300-215	300-FF-2			
A9969	300-215	300-FF-2	300-215	300-FF-2	300-215	300-FF-2			
A9392							9/5/1990		
A9393							9/5/1990		
A9394							9/5/1990		
B2763			316-4	300-FF-2	316-4,618-10,600-96	300-FF-2	3/26/1996		
B2764	316-4,600-96,618-10	300-FF-2	316-4,600-96,618-10	300-FF-2	600-96,618-10,316-4,UPR-600-2	300-FF-2	3/27/1996		
B2840									
B2841									
B2842									
B2843									
B2844									
B2845									
B2864									
B2870									
B2871									
B2874									
B2875									
B2876					600-64	300-FF-2			

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
C4076			9/9/2002	9/9/2002		Hanford (Not in Monument)	600	9-644-S6-E4C-A4464-S-EC-A0001A
C4077			9/9/2002	9/9/2002		Hanford (Not in Monument)	600	9-644-S6-E4D-A4464-S-ED-A0001A
C4078			9/9/2002	9/9/2002		Hanford (Not in Monument)	600	9-644-S6-E4E-A4464-S-EE-A0001A
C4079			9/9/2002	9/9/2002		Hanford (Not in Monument)	600	9-644-S6-E4F-A4464-S-EF-A0001A
C4080			9/9/2002	9/9/2002		Hanford (Not in Monument)	600	9-644-S6-E4G-A4464-S-EG-A0001A
C4081			9/9/2002	9/9/2002		Hanford (Not in Monument)	600	9-644-S6-E4H-A4464-S-EH-A0001A
C4082			9/10/2002	9/10/2002		Hanford (Not in Monument)	600	9-644-S6-E4I-A4464-S-EI-A0001A
C4083			9/10/2002	9/10/2002		Hanford (Not in Monument)	600	9-644-S6-E4J-A4464-S-EJ-A0001A
C4084			9/10/2002	9/10/2002		Hanford (Not in Monument)	600	9-644-S6-E4K-A4464-S-EK-A0001A
C4085			9/10/2002	9/10/2002		Hanford (Not in Monument)	600	9-644-S6-E4L-A4464-S-EL-A0001A
C4086			9/10/2002	9/10/2002		Hanford (Not in Monument)	600	9-644-S6-E4M-A4464-S-EM-A0001A
C4087			9/10/2002	9/10/2002		Hanford (Not in Monument)	600	9-644-S6-E4N-A4464-S-EN-A0001A
A9948						Hanford (Not in Monument)	600	9-A9948-A9948A-A0001A
A9949						Hanford (Not in Monument)	600	9-A9949-A9949A-A0001A
A9950						Hanford (Not in Monument)	600	9-A9950-A9950A-A0001A
A9951						Hanford (Not in Monument)	600	9-A9951-A9951A-A0001A
A9952						Hanford (Not in Monument)	600	9-A9952-A9952A-A0001A
A9953						Hanford (Not in Monument)	600	9-A9953-A9953A-A0001A
A9954						Hanford (Not in Monument)	600	9-A9954-A9954A-A0001A
A9955						Hanford (Not in Monument)	600	9-A9955-A9955A-A0001A
A9956						Hanford (Not in Monument)	600	9-A9956-A9956A-A0001A
A9957						Hanford (Not in Monument)	600	9-A9957-A9957A-A0001A
A9958						Hanford (Not in Monument)	600	9-A9958-A9958A-A0001A
A9959						Hanford (Not in Monument)	600	9-A9959-A9959A-A0001A
A9960						Hanford (Not in Monument)	600	9-A9960-A9960A-A0001A
A9961						Hanford (Not in Monument)	600	9-A9961-A9961A-A0001A
A9962						Hanford (Not in Monument)	600	9-A9962-A9962A-A0001A
A9963						Hanford (Not in Monument)	600	9-A9963-A9963A-A0001A
A9964						Hanford (Not in Monument)	600	9-A9964-A9964A-A0001A
A9965						Hanford (Not in Monument)	600	9-A9965-A9965A-A0001A
A9966						Hanford (Not in Monument)	600	9-A9966-A9966A-A0001A
A9967						Hanford (Not in Monument)	600	9-A9967-A9967A-A0001A
A9968						Hanford (Not in Monument)	600	9-A9968-A9968A-A0001A
A9969						Hanford (Not in Monument)	600	9-A9969-A9969A-A0001A
A9392		9/5/1990				Offsite (Not in Monument)	Benton County	9-ANF #14-A0014NF #-A0001A
A9393		9/5/1990				Offsite (Not in Monument)	Benton County	9-ANF #15-A0015NF #-A0001A
A9394		9/5/1990				Offsite (Not in Monument)	Benton County	9-ANF #16-A0016NF #-A0001A
B2763		3/26/1996	3/31/1996	3/31/1996		Hanford (Not in Monument)	600	9-B2763-B2763A-A0001A
B2764		3/27/1996	3/31/1996	3/31/1996		Hanford (Not in Monument)	600	9-B2764-B2764A-A0001A
B2840						Hanford (Not in Monument)	600	9-B2840-B2840A-A0001A
B2841						Hanford (Not in Monument)	600	9-B2841-B2841A-A0001A
B2842						Hanford (Not in Monument)	600	9-B2842-B2842A-A0001A
B2843						Hanford (Not in Monument)	600	9-B2843-B2843A-A0001A
B2844						Hanford (Not in Monument)	600	9-B2844-B2844A-A0001A
B2845						Hanford (Not in Monument)	600	9-B2845-B2845A-A0001A
B2864						Hanford (Not in Monument)	600	9-B2864-B2864A-A0001A
B2870						Hanford (Not in Monument)	600	9-B2870-B2870A-A0001A
B2871						Hanford (Not in Monument)	600	9-B2871-B2871A-A0001A
B2874						Hanford (Not in Monument)	600	9-B2874-B2874A-A0001A
B2875						Hanford (Not in Monument)	600	9-B2875-B2875A-A0001A
B2876						Hanford (Not in Monument)	600	9-B2876-B2876A-A0001A

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
B2877	B2877	125656.425	589156.381	141.632	VADOSE WELL		DECOMMISSIONED							
B2880	B2880	124788.23	589442.234	144.379	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING							1.1
B2881	B2881	125188.136	589298.264	142.007	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING					Y		68.1
B2882	B2882	125194.412	589311.746	141.792	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING					Y		3
B2883	B2883	125222.569	589299.012	141.677	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING					Y		0
B2884	B2884	124749.274	588447.168	146.226	VADOSE WELL		DECOMMISSIONED							
B2887	B2887	125904.285	590694.957	129.178	VADOSE WELL		DECOMMISSIONED							
B8412	B8412	128075.906	589844.063		UNCLASSIFIED		DECOMMISSIONED							
B8413	B8413	128111.859	589781.125		UNCLASSIFIED		DECOMMISSIONED							
B8414	B8414	128223.578	589972.5		UNCLASSIFIED		DECOMMISSIONED							
B8437	B8437	127770.289	589661.75		VADOSE WELL		DECOMMISSIONED							
B8438	B8438	126584.406	592037.875		VADOSE WELL		DECOMMISSIONED							
B8439	B8439	126620.641	592091.375		VADOSE WELL		DECOMMISSIONED							
B8440	B8440	126620.641	592155.188		VADOSE WELL		DECOMMISSIONED							
B8441	B8441	126722.445	592289.75		VADOSE WELL		DECOMMISSIONED							
B8442	B8442	126808.727	592453.688		VADOSE WELL		DECOMMISSIONED							
B8443	B8443	127598.219	589774.75		VADOSE WELL		DECOMMISSIONED							
B8761	B8761	116035.7	593993.4		UNCLASSIFIED	5/14/1999	DECOMMISSIONED	40	ft					
B8762	B8762	116034.9	593983.5		UNCLASSIFIED	5/17/1999	DECOMMISSIONED	38	ft					
B8763	B8763	116034.3	593961.8		UNCLASSIFIED		DECOMMISSIONED							
B8764	B8764	116034.5	593950.4		UNCLASSIFIED		DECOMMISSIONED							
B8765	B8765	116042.1	593937.4		UNCLASSIFIED		DECOMMISSIONED							
B8766	B8766	116049.8	593950.9		UNCLASSIFIED		DECOMMISSIONED							
B8767	B8767	116059.1	593962.9		UNCLASSIFIED		DECOMMISSIONED							
B8768	B8768	116049.8	593980.2		UNCLASSIFIED		DECOMMISSIONED							
B8769	B8769	116051.3	593992.6		UNCLASSIFIED		DECOMMISSIONED							
B8770	B8770	116044.3	594004.4		UNCLASSIFIED		DECOMMISSIONED							

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
B2877							300-FF-5	T11N, R28E, S8	
B2880	1.1	ft		4in, 0ft - 1.1ft			200-PO-1	T11N, R28E, S8	
B2881	68.3	ft		6in, 0ft - 68.1ft			200-PO-1	T11N, R28E, S8	
B2882	3	ft		6.75in, 0ft - 3ft / 5.625in, 0ft - 3ft			200-PO-1	T11N, R28E, S8	
B2883	4.5	ft					300-FF-5	T11N, R28E, S8	
B2884							200-PO-1	T11N, R28E, S7	
B2887	2.5	ft					300-FF-5	T11N, R28E, S9	
B8412							300-FF-5	T12N, R28E, S32	
B8413							300-FF-5	T12N, R28E, S32	
B8414							300-FF-5	T12N, R28E, S32	
B8437							300-FF-5	T12N, R28E, S32	
B8438							300-FF-5	T11N, R28E, S4	
B8439							300-FF-5	T11N, R28E, S3	
B8440							300-FF-5	T11N, R28E, S3	
B8441							300-FF-5	T11N, R28E, S3	
B8442							300-FF-5	T11N, R28E, S3	
B8443							300-FF-5	T11N, R28E, S5	
B8761	0	ft					300-FF-5	T10N, R28E, S11	
B8762	0	ft					300-FF-5	T10N, R28E, S11	
B8763							300-FF-5	T10N, R28E, S11	
B8764							300-FF-5	T10N, R28E, S11	
B8765							300-FF-5	T10N, R28E, S11	
B8766							300-FF-5	T10N, R28E, S11	
B8767							300-FF-5	T10N, R28E, S11	
B8768							300-FF-5	T10N, R28E, S11	
B8769							300-FF-5	T10N, R28E, S11	
B8770							300-FF-5	T10N, R28E, S11	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE _UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
B2877									
B2880									
B2881									
B2882									
B2883									
B2884									
B2887									
B8412									
B8413									
B8414									
B8437									
B8438									
B8439									
B8440									
B8441									
B8442									
B8443									
B8761								300-15,300-268,300-6	300-FF-2
B8762								300-6,300-268	300-FF-2
B8763								300-26,300-6	300-FF-2
B8764								300-6,300-273,300-26,300-124	300-FF-2
B8765								300-122,300-124,300-273,300-6	300-FF-2
B8766								300-6,300-273,300-123,300-122	300-FF-2
B8767								300-123,300-6,300-15	300-FF-2
B8768								300-15,300-6,300-65	300-FF-2
B8769						300-15	300-FF-2	300-6,300-65,300-15	300-FF-2
B8770								300-15,300-6	300-FF-2

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
B2877					600-64	300-FF-2			
B2880									
B2881									
B2882									
B2883									
B2884					600-64	300-FF-2			
B2887									
B8412									
B8413									
B8414									
B8437									
B8438									
B8439									
B8440									
B8441									
B8442									
B8443									
B8761	300-6,300-65,300-268,300-15	300-FF-2	300-26,300-268,300-6,300-65,300-66,300-123,300-15,300-167,300-168	300-FF-2	300 RLWS,300-65,300-66,300-176,300-213,300-214,300-26,300-256,300-223,300-224,300-6,300-53,300-33,300-42,300-28,300-273,300-268,300-264,300-15,300-122,300-124,300-123,300-167,300-168,UPR-300-7,UPR-300-42	300-FF-2			5/14/1999
B8762	300-15,300-268,300-123,300-6,300-65	300-FF-2	300-168,300-15,300-123,300-124,300-122,300-65,300-66,300-6,300-268,300-273,300-26	300-FF-2	UPR-300-42,UPR-300-7,300-168,300-167,300-162,300-15,300-123,300-122,300-124,300-268,300-264,300-273,300-28,300-42,300-33,300-53,300-6,300-224,300-223,300-256,300-26,300-213,300-214,300-176,300-66,300-65,300 RLWS,300 RRLWS	300-FF-2			5/17/1999
B8763	300-6,300-65,300-124,300-122,300-123,300-268,300-273,300-26,300-15	300-FF-2	300-26,300-273,300-28,300-268,300-6,300-65,300-66,300-122,300-124,300-123,300-15	300-FF-2	300 RRLWS,311-TK-40,311-TK-50,300 RLWS,300 PHWSA,300-66,300-65,300-76,313 ESSP,311 MT2,300-176,300-213,300-211,300-26,300-256,300-253,300-223,300-222,300-224,300-6,300-53,300-33,300-42,300-28,300-273,300-268,300-264,300-15,300-122,300-123,300-124,300-161,	300-FF-2			5/17/1999
B8764	300-15,300-26,300-6,300-273,300-123,300-124,300-122	300-FF-2	300-15,300-123,300-124,300-122,300-66,300-65,300-6,300-268,300-28,300-273,300-26	300-FF-2	UPR-300-39,UPR-300-40,UPR-300-45,UPR-300-42,UPR-300-7,300-11,300-168,300-167,300-161,300-160,300-162,300-163,300-152,300-124,300-123,300-122,300-15,300-264,300-268,300-273,300-28,300-33,300-40,300-42,300-53,300-6,300-224,300-223,300-253,300-237,300-256,30	300-FF-2			5/18/1999
B8765	300-122,300-123,300-124,300-26,300-273,300-28,300-6	300-FF-2	300-26,300-223,300-268,300-273,300-28,300-6,300-65,300-123,300-122,300-124,300-15,300-176,UPR-300-7,UPR-300-42	300-FF-2	311-TK-50,311-TK-40,300 PHWSA,300-65,300-62,300-64,300-66,300-76,311 MT2,313 CENTRIFUGE,311 MT1,313 ESSP,313 URO,3712 USSA,300-176,300-211,300-26,300-253,300-256,300-237,300-222,300-223,300-224,300-6,300-53,300-48,300-40,300-33,300-42,300-28,300-273,300-2	300-FF-2			5/18/1999
B8766	300-65,300-28,300-6,300-273,300-26,300-15,300-123,300-124,300-122	300-FF-2	300-176,300-123,300-124,300-15,300-122,300-66,300-65,300-6,300-33,300-28,300-273,300-268,300-26	300-FF-2	UPR-300-39,UPR-300-38,UPR-300-40,UPR-300-45,UPR-300-42,UPR-300-7,300-11,300-168,300-167,300-161,300-160,300-162,300-123,300-124,300-122,300-15,300-268,300-273,300-28,300-264,300-33,300-42,300-40,300-53,300-6,300-224,300-223,300-237,300-253,300-256,300-26,	300-FF-2			5/19/1999
B8767	300-122,300-123,300-15,300-273,300-6,300-65,300-66	300-FF-2	300-26,300-273,300-268,300-28,300-33,300-6,300-65,300-66,300-122,300-123,300-124,300-176,300-15	300-FF-2	311-TK-40,311 MT1,311-TK-50,300-65,300-66,300-64,300-76,311 MT2,313 ESSP,3712 USSA,300-176,300-168,300-213,300-26,300-256,300-222,300-223,300-224,300-6,300-53,300-40,300-33,300-42,300-273,300-28,300-268,300-264,300-124,300-122,300-123,300-161,300-162,300-	300-FF-2			5/19/1999
B8768	300-66,300-6,300-65,300-268,300-15,300-123	300-FF-2	300-15,300-124,300-123,300-122,300-65,300-66,300-6,300-33,300-273,300-268,300-26	300-FF-2	UPR-300-39,UPR-300-42,UPR-300-7,300-15,300-168,300-167,300-162,300-123,300-124,300-122,300-268,300-28,300-273,300-264,300-42,300-33,300-53,300-6,300-224,300-223,300-256,300-26,300-213,300-176,311 MT2,300-76,300-65,300-66,311-TK-40,311-TK-50	300-FF-2			5/19/1999
B8769	300-123,300-15,300-268,300-6,300-65,300-66	300-FF-2	300-26,300-268,300-33,300-6,300-66,300-65,300-123,300-15,300-167,300-168	300-FF-2	300-66,300-65,300-76,300-176,300-213,300-26,300-256,300-223,300-224,300-6,300-53,300-33,300-42,300-264,300-273,300-28,300-268,300-122,300-124,300-123,300-15,300-167,300-168,UPR-300-42	300-FF-2			5/19/1999
B8770	300-65,300-6,300-268,300-15,300-167	300-FF-2	300-168,300-167,300-15,300-123,300-65,300-66,300-6,300-268,300-213	300-FF-2	300-168,300-167,300-15,300-123,300-124,300-122,300-268,300-28,300-273,300-264,300-33,300-42,300-53,300-6,300-224,300-256,300-26,300-213,300-176,300-66,300-65,300 RLWS	300-FF-2			5/18/1999

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
B2877						Hanford (Not in Monument)	600	9-B2877-B2877A-A0001A
B2880						Hanford (Not in Monument)	600	9-B2880-B2880A-A0001A
B2881				1/17/2001		Hanford (Not in Monument)	600	9-B2881-B2881A-A0001A
B2882				1/17/2001		Hanford (Not in Monument)	600	9-B2882-B2882A-A0001A
B2883				1/17/2001		Hanford (Not in Monument)	600	9-B2883-B2883A-A0001A
B2884						Hanford (Not in Monument)	600	9-B2884-B2884A-A0001A
B2887						Hanford (Not in Monument)	600	9-B2887-B2887A-A0001A
B8412						Hanford (Not in Monument)	600	9-B8412-B8412A-A0001A
B8413						Hanford (Not in Monument)	600	9-B8413-B8413A-A0001A
B8414						Hanford (Not in Monument)	600	9-B8414-B8414A-A0001A
B8437						Hanford (Not in Monument)	600	9-B8437-B8437A-A0001A
B8438						Hanford (Not in Monument)	600	9-B8438-B8438A-A0001A
B8439						Hanford (Not in Monument)	600	9-B8439-B8439A-A0001A
B8440						Hanford (Not in Monument)	600	9-B8440-B8440A-A0001A
B8441						Hanford (Not in Monument)	600	9-B8441-B8441A-A0001A
B8442						Hanford (Not in Monument)	600	9-B8442-B8442A-A0001A
B8443						Hanford (Not in Monument)	600	9-B8443-B8443A-A0001A
B8761		5/14/1999	5/14/1999	5/14/1999		Hanford (Not in Monument)	300	9-B8761-B8761A-A0001A
B8762		5/17/1999	5/17/1999	5/17/1999		Hanford (Not in Monument)	300	9-B8762-B8762A-A0001A
B8763		5/17/1999				Hanford (Not in Monument)	300	9-B8763-B8763A-A0001A
B8764		5/18/1999				Hanford (Not in Monument)	300	9-B8764-B8764A-A0001A
B8765		5/18/1999				Hanford (Not in Monument)	300	9-B8765-B8765A-A0001A
B8766		5/19/1999				Hanford (Not in Monument)	300	9-B8766-B8766A-A0001A
B8767		5/19/1999				Hanford (Not in Monument)	300	9-B8767-B8767A-A0001A
B8768		5/19/1999				Hanford (Not in Monument)	300	9-B8768-B8768A-A0001A
B8769		5/19/1999				Hanford (Not in Monument)	300	9-B8769-B8769A-A0001A
B8770		5/18/1999				Hanford (Not in Monument)	300	9-B8770-B8770A-A0001A

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
C3141	C3141	127329.254	589093.027	135.833	SOIL TUBE	8/1/2000	IN-USE							
C3142	C3142	127329.908	589130.726	135.958	SOIL TUBE	8/1/2000	IN-USE							
C3182	C3182	126933.554	588670.792	139.072	VADOSE WELL		DECOMMISSIONED							
C3184	C3184	127107.45	588781.05	137.052	VADOSE WELL		DECOMMISSIONED							
C3185	C3185	127104.055	588680.754	137.198	VADOSE WELL		DECOMMISSIONED							
C3186	C3186	127028.541	588827.229	138.431	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING					Y		
C3187	C3187	127025.945	588829.092	138.44	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING					Y		
C3188	C3188	127318.316	589132.085	136.065	SOIL TUBE	8/1/2000	IN-USE							
C3189	C3189	127311.144	589131.958	136.176	SOIL TUBE	8/1/2000	IN-USE							
C3190	C3190	127302.869	589132.067	136.2	SOIL TUBE	8/1/2000	IN-USE							
C3191	C3191	127295.982	589132.132	136.218	SOIL TUBE	8/1/2000	IN-USE							
C3192	C3192	127288.201	589132.284	136.213	SOIL TUBE	8/1/2000	IN-USE							
C3193	C3193	127280.79	589132.992	136.352	SOIL TUBE	8/1/2000	IN-USE							
C3194	C3194	127273.039	589133.273	136.439	SOIL TUBE	8/1/2000	IN-USE							
C3195	C3195	127256.2	589133.089	136.211	SOIL TUBE	8/1/2000	IN-USE							
C3196	C3196	127250.271	589133.526	135.985	SOIL TUBE	8/1/2000	IN-USE							
C3197	C3197	127242.041	589133.584	135.758	SOIL TUBE	8/1/2000	IN-USE							
C3198	C3198	127326.278	588823.182	136.389	SOIL TUBE	8/1/2000	IN-USE							
C3199	C3199	127333.559	588823.214	136.729	SOIL TUBE	8/1/2000	IN-USE							
C3200	C3200	127199.91	588823.146	135.949	SOIL TUBE	8/1/2000	IN-USE							
C3201	C3201	127191.926	588823.859	135.775	SOIL TUBE	8/1/2000	IN-USE							
C3202	C3202	127200.054	588975.791	135.424	SOIL TUBE	8/1/2000	IN-USE							
C3203	C3203	127192.58	588976.346	135.444	SOIL TUBE	8/1/2000	IN-USE							
C3204	C3204	127326.771	588970.9	136.278	SOIL TUBE	8/1/2000	IN-USE							
C3205	C3205	127331.543	588970.571	136.463	SOIL TUBE	8/1/2000	IN-USE							
C3206	C3206	127299.695	589187.351	135.628	SOIL TUBE	8/1/2000	IN-USE							
C3207	C3207	127304.658	589192.737	135.587	SOIL TUBE	8/1/2000	IN-USE							
C3208	C3208	127297.561	589210.873	135.436	SOIL TUBE	8/1/2000	IN-USE							
C3209	C3209	127344.418	589204.174	135.657	SOIL TUBE	8/1/2000	IN-USE							
C3210	C3210	127373.853	589246.85	135.816	SOIL TUBE	8/1/2000	IN-USE							
C3211	C3211	127252.613	589252.957	135.192	SOIL TUBE	8/1/2000	IN-USE							
C3212	C3212	127309.561	589208.335	135.599	SOIL TUBE	8/1/2000	IN-USE							
C3213	C3213	127328.921	589248.357	135.468	SOIL TUBE	8/1/2000	IN-USE							
C3214	C3214	127235.127	589133.25	135.598	SOIL TUBE	8/1/2000	IN-USE							
C3215	C3215	127227.522	589133.417	135.435	SOIL TUBE	8/1/2000	IN-USE							
C3216	C3216	127220.207	589133.231	135.492	SOIL TUBE	8/1/2000	IN-USE							
C3217	C3217	127211.747	589134.015	137.794	SOIL TUBE	8/1/2000	IN-USE							
C3218	C3218	127204.4	589133.724	137.82	SOIL TUBE	8/1/2000	IN-USE							
C3219	C3219	127196.073	589132.456	136.405	SOIL TUBE	8/1/2000	IN-USE							
C3220	C3220	127188.487	589131.545	136.324	SOIL TUBE	8/1/2000	IN-USE							
C3221	C3221	127324.416	589132.247	135.991	SOIL TUBE	8/1/2000	IN-USE							
C3222	C3222	127327.821	588978.55	136.239	SOIL TUBE	8/1/2000	IN-USE							
C3223	C3223	127327.952	588985.786	136.297	SOIL TUBE	8/1/2000	IN-USE							
C3224	C3224	127327.275	588993.879	136.41	SOIL TUBE	8/1/2000	IN-USE							
C3225	C3225	127327.281	589001.707	136.327	SOIL TUBE	8/1/2000	IN-USE							
C3226	C3226	127327.261	589008.919	136.225	SOIL TUBE	8/1/2000	IN-USE							
C3227	C3227	127327.163	589017.205	136.141	SOIL TUBE	8/1/2000	IN-USE							
C3228	C3228	127327.074	589024.384	136.075	SOIL TUBE	8/1/2000	IN-USE							
C3229	C3229	127326.841	589031.872	136.219	SOIL TUBE	8/1/2000	IN-USE							
C3230	C3230	127326.681	589039.691	136.253	SOIL TUBE	8/1/2000	IN-USE							
C3231	C3231	127326.489	589047.095	135.973	SOIL TUBE	8/1/2000	IN-USE							

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
C3141							300-FF-5	T11N, R28E, S5	
C3142							300-FF-5	T11N, R28E, S5	
C3182	0.72	ft					300-FF-5	T11N, R28E, S6	
C3184	2.1	ft					300-FF-5	T11N, R28E, S6	
C3185	0.75	ft					300-FF-5	T11N, R28E, S6	
C3186	2.5	ft					300-FF-5	T11N, R28E, S5	
C3187	2.6	ft					300-FF-5	T11N, R28E, S5	
C3188							300-FF-5	T11N, R28E, S5	
C3189							300-FF-5	T11N, R28E, S5	
C3190							300-FF-5	T11N, R28E, S5	
C3191							300-FF-5	T11N, R28E, S5	
C3192							300-FF-5	T11N, R28E, S5	
C3193							300-FF-5	T11N, R28E, S5	
C3194							300-FF-5	T11N, R28E, S5	
C3195							300-FF-5	T11N, R28E, S5	
C3196							300-FF-5	T11N, R28E, S5	
C3197							300-FF-5	T11N, R28E, S5	
C3198							300-FF-5	T11N, R28E, S5	
C3199							300-FF-5	T11N, R28E, S5	
C3200							300-FF-5	T11N, R28E, S5	
C3201							300-FF-5	T11N, R28E, S5	
C3202							300-FF-5	T11N, R28E, S5	
C3203							300-FF-5	T11N, R28E, S5	
C3204							300-FF-5	T11N, R28E, S5	
C3205							300-FF-5	T11N, R28E, S5	
C3206							300-FF-5	T11N, R28E, S5	
C3207							300-FF-5	T11N, R28E, S5	
C3208							300-FF-5	T11N, R28E, S5	
C3209							300-FF-5	T11N, R28E, S5	
C3210							300-FF-5	T11N, R28E, S5	
C3211							300-FF-5	T11N, R28E, S5	
C3212							300-FF-5	T11N, R28E, S5	
C3213							300-FF-5	T11N, R28E, S5	
C3214							300-FF-5	T11N, R28E, S5	
C3215							300-FF-5	T11N, R28E, S5	
C3216							300-FF-5	T11N, R28E, S5	
C3217							300-FF-5	T11N, R28E, S5	
C3218							300-FF-5	T11N, R28E, S5	
C3219							300-FF-5	T11N, R28E, S5	
C3220							300-FF-5	T11N, R28E, S5	
C3221							300-FF-5	T11N, R28E, S5	
C3222							300-FF-5	T11N, R28E, S5	
C3223							300-FF-5	T11N, R28E, S5	
C3224							300-FF-5	T11N, R28E, S5	
C3225							300-FF-5	T11N, R28E, S5	
C3226							300-FF-5	T11N, R28E, S5	
C3227							300-FF-5	T11N, R28E, S5	
C3228							300-FF-5	T11N, R28E, S5	
C3229							300-FF-5	T11N, R28E, S5	
C3230							300-FF-5	T11N, R28E, S5	
C3231							300-FF-5	T11N, R28E, S5	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE_UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
C3141								618-11,UPR-600-22	300-FF-2
C3142								618-11	300-FF-2
C3182									
C3184									
C3185									
C3186									
C3187									
C3188								618-11	300-FF-2
C3189								618-11	300-FF-2
C3190								618-11	300-FF-2
C3191								618-11	300-FF-2
C3192								618-11	300-FF-2
C3193								618-11	300-FF-2
C3194								618-11	300-FF-2
C3195								618-11	300-FF-2
C3196								618-11	300-FF-2
C3197								618-11	300-FF-2
C3198								618-11	300-FF-2
C3199								618-11	300-FF-2
C3200								618-11	300-FF-2
C3201								618-11	300-FF-2
C3202								618-11	300-FF-2
C3203								618-11	300-FF-2
C3204								618-11	300-FF-2
C3205								618-11	300-FF-2
C3206									
C3207									
C3208									
C3209									
C3210									
C3211									
C3212									
C3213									
C3214								618-11	300-FF-2
C3215								618-11	300-FF-2
C3216								618-11	300-FF-2
C3217								618-11	300-FF-2
C3218								618-11	300-FF-2
C3219								618-11	300-FF-2
C3220								618-11	300-FF-2
C3221								618-11	300-FF-2
C3222								618-11	300-FF-2
C3223								618-11	300-FF-2
C3224								618-11	300-FF-2
C3225								618-11	300-FF-2
C3226								618-11	300-FF-2
C3227								618-11	300-FF-2
C3228								618-11	300-FF-2
C3229								618-11	300-FF-2
C3230								618-11,UPR-600-22	300-FF-2
C3231								UPR-600-22,618-11	300-FF-2

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
C3141	618-11,UPR-600-22	300-FF-2	618-11,UPR-600-22	300-FF-2	618-11,600-235,UPR-600-10,UPR-600-22,UPR-600-6,UPR-600-7,UPR-600-9	NONE, 300-FF-2			
C3142	UPR-600-22,618-11,600-235	NONE, 300-FF-2	UPR-600-22,618-11,600-235	NONE, 300-FF-2	UPR-600-22,600-235,618-11	NONE, 300-FF-2			
C3182									
C3184									
C3185									
C3186									
C3187									
C3188	600-235,618-11	NONE, 300-FF-2	600-235,618-11,UPR-600-22	NONE, 300-FF-2	600-235,618-11,UPR-600-22	NONE, 300-FF-2			
C3189	618-11,600-235	NONE, 300-FF-2	UPR-600-22,618-11,600-235	NONE, 300-FF-2	UPR-600-22,618-11,600-235	NONE, 300-FF-2			
C3190	618-11,600-235	NONE, 300-FF-2	600-235,618-11,UPR-600-22	NONE, 300-FF-2	600-235,618-11,UPR-600-22	NONE, 300-FF-2			
C3191	618-11	300-FF-2	618-11,600-235	NONE, 300-FF-2	UPR-600-22,618-11,600-235	NONE, 300-FF-2			
C3192	618-11	300-FF-2	600-235,618-11	NONE, 300-FF-2	600-235,618-11,UPR-600-22	NONE, 300-FF-2			
C3193	618-11	300-FF-2	618-11,600-235	NONE, 300-FF-2	UPR-600-22,618-11,600-235	NONE, 300-FF-2			
C3194	618-11	300-FF-2	600-235,618-11	NONE, 300-FF-2	600-235,618-11,UPR-600-22	NONE, 300-FF-2			
C3195	618-11	300-FF-2	618-11,600-235	NONE, 300-FF-2	UPR-600-22,618-11,600-235	NONE, 300-FF-2			
C3196	618-11	300-FF-2	618-11	300-FF-2	600-235,618-11,UPR-600-22	NONE, 300-FF-2			
C3197	618-11	300-FF-2	618-11	300-FF-2	618-11,600-235	NONE, 300-FF-2			
C3198	618-11,600-97	300-FF-2	618-11,600-97	300-FF-2	618-11,600-97	300-FF-2			
C3199	618-11,600-97	300-FF-2	600-97,618-11	300-FF-2	600-97,618-11	300-FF-2			
C3200	618-11	300-FF-2	618-11	300-FF-2	618-11	300-FF-2			
C3201	618-11	300-FF-2	618-11	300-FF-2	618-11	300-FF-2			
C3202	618-11	300-FF-2	618-11	300-FF-2	618-11,UPR-600-6,UPR-600-5,UPR-600-4,UPR-600-8,UPR-600-7,UPR-600-9,UPR-600-10	300-FF-2			
C3203	618-11	300-FF-2	618-11	300-FF-2	UPR-600-8,UPR-600-9,UPR-600-5,UPR-600-6,UPR-600-7,UPR-600-4,618-11	300-FF-2			
C3204	618-11	300-FF-2	618-11,UPR-600-22	300-FF-2	618-11,UPR-600-4,UPR-600-22,UPR-600-7,UPR-600-6,UPR-600-5,UPR-600-8,UPR-600-9,UPR-600-10	300-FF-2			
C3205	618-11	300-FF-2	UPR-600-22,618-11	300-FF-2	UPR-600-10,UPR-600-9,UPR-600-8,UPR-600-5,UPR-600-6,UPR-600-7,UPR-600-22,UPR-600-4,618-11	300-FF-2			
C3206	600-235	NONE	600-235	NONE	618-11,600-235,UPR-600-22	NONE, 300-FF-2			
C3207	600-235	NONE	600-235	NONE	UPR-600-22,600-235,618-11	NONE, 300-FF-2			
C3208			600-235	NONE	618-11,600-235,UPR-600-22	NONE, 300-FF-2			
C3209					UPR-600-22,618-11,600-235	NONE, 300-FF-2			
C3210									
C3211					600-235	NONE			
C3212			600-235	NONE	618-11,600-235,UPR-600-22	NONE, 300-FF-2			
C3213					600-235	NONE			
C3214	618-11	300-FF-2	618-11	300-FF-2	600-235,618-11	NONE, 300-FF-2			
C3215	618-11	300-FF-2	618-11	300-FF-2	618-11,600-235	NONE, 300-FF-2			
C3216	618-11	300-FF-2	618-11	300-FF-2	600-235,618-11	NONE, 300-FF-2			
C3217	618-11	300-FF-2	618-11	300-FF-2	618-11,600-235	NONE, 300-FF-2			
C3218	618-11	300-FF-2	618-11	300-FF-2	600-235,618-11	NONE, 300-FF-2			
C3219	618-11	300-FF-2	618-11	300-FF-2	618-11,600-235	NONE, 300-FF-2			
C3220	618-11	300-FF-2	618-11	300-FF-2	600-235,618-11	NONE, 300-FF-2			
C3221	618-11,600-235,UPR-600-22	NONE, 300-FF-2	618-11,600-235,UPR-600-22	NONE, 300-FF-2	618-11,600-235,UPR-600-22	NONE, 300-FF-2			
C3222	618-11	300-FF-2	UPR-600-22,618-11	300-FF-2	UPR-600-22,UPR-600-7,UPR-600-6,UPR-600-5,UPR-600-4,UPR-600-8,UPR-600-9,UPR-600-10,618-11	300-FF-2			
C3223	618-11	300-FF-2	618-11,UPR-600-22	300-FF-2	618-11,UPR-600-10,UPR-600-9,UPR-600-8,UPR-600-5,UPR-600-6,UPR-600-7,UPR-600-22,UPR-600-4	300-FF-2			
C3224	618-11	300-FF-2	UPR-600-22,UPR-600-10,618-11	300-FF-2	UPR-600-22,UPR-600-6,UPR-600-4,UPR-600-5,UPR-600-7,UPR-600-8,UPR-600-9,UPR-600-10,618-11	300-FF-2			
C3225	618-11,UPR-600-22	300-FF-2	618-11,UPR-600-10,UPR-600-22	300-FF-2	618-11,UPR-600-10,UPR-600-9,UPR-600-7,UPR-600-8,UPR-600-5,UPR-600-4,UPR-600-6,UPR-600-22	300-FF-2			
C3226	UPR-600-22,618-11	300-FF-2	UPR-600-22,UPR-600-10,618-11	300-FF-2	UPR-600-22,UPR-600-6,UPR-600-4,UPR-600-5,UPR-600-8,UPR-600-7,UPR-600-9,UPR-600-10,618-11	300-FF-2			
C3227	618-11,UPR-600-22	300-FF-2	618-11,UPR-600-10,UPR-600-22	300-FF-2	618-11,UPR-600-10,UPR-600-9,UPR-600-8,UPR-600-5,UPR-600-4,UPR-600-6,UPR-600-7,UPR-600-22	300-FF-2			
C3228	UPR-600-22,618-11	300-FF-2	UPR-600-22,UPR-600-10,618-11	300-FF-2	UPR-600-22,UPR-600-4,UPR-600-7,UPR-600-6,UPR-600-5,UPR-600-8,UPR-600-9,UPR-600-10,618-11	300-FF-2			
C3229	618-11,UPR-600-22	300-FF-2	618-11,UPR-600-10,UPR-600-22	300-FF-2	618-11,UPR-600-10,UPR-600-9,UPR-600-8,UPR-600-5,UPR-600-6,UPR-600-7,UPR-600-4,UPR-600-22	300-FF-2			
C3230	UPR-600-22,618-11	300-FF-2	UPR-600-10,UPR-600-22,618-11	300-FF-2	UPR-600-22,UPR-600-4,UPR-600-7,UPR-600-5,UPR-600-6,UPR-600-8,UPR-600-9,UPR-600-10,618-11	300-FF-2			
C3231	618-11,UPR-600-22	300-FF-2	618-11,UPR-600-22	300-FF-2	618-11,600-235,UPR-600-10,UPR-600-9,UPR-600-8,UPR-600-5,UPR-600-7,UPR-600-6,UPR-600-4,UPR-600-22	NONE, 300-FF-2			

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
C3141			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3141-C3141A-A0001A
C3142			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3142-C3142A-A0001A
C3182						Hanford (Not in Monument)	600	9-C3182-C3182A-A0001A
C3184						Hanford (Not in Monument)	600	9-C3184-C3184A-A0001A
C3185						Hanford (Not in Monument)	600	9-C3185-C3185A-A0001A
C3186						Hanford (Not in Monument)	600	9-C3186-C3186A-A0001A
C3187						Hanford (Not in Monument)	600	9-C3187-C3187A-A0001A
C3188			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3188-C3188A-A0001A
C3189			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3189-C3189A-A0001A
C3190			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3190-C3190A-A0001A
C3191			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3191-C3191A-A0001A
C3192			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3192-C3192A-A0001A
C3193			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3193-C3193A-A0001A
C3194			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3194-C3194A-A0001A
C3195			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3195-C3195A-A0001A
C3196			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3196-C3196A-A0001A
C3197			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3197-C3197A-A0001A
C3198			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3198-C3198A-A0001A
C3199			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3199-C3199A-A0001A
C3200			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3200-C3200A-A0001A
C3201			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3201-C3201A-A0001A
C3202			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3202-C3202A-A0001A
C3203			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3203-C3203A-A0001A
C3204			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3204-C3204A-A0001A
C3205			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3205-C3205A-A0001A
C3206			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3206-C3206A-A0001A
C3207			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3207-C3207A-A0001A
C3208			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3208-C3208A-A0001A
C3209			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3209-C3209A-A0001A
C3210			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3210-C3210A-A0001A
C3211			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3211-C3211A-A0001A
C3212			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3212-C3212A-A0001A
C3213			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3213-C3213A-A0001A
C3214			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3214-C3214A-A0001A
C3215			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3215-C3215A-A0001A
C3216			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3216-C3216A-A0001A
C3217			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3217-C3217A-A0001A
C3218			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3218-C3218A-A0001A
C3219			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3219-C3219A-A0001A
C3220			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3220-C3220A-A0001A
C3221			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3221-C3221A-A0001A
C3222			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3222-C3222A-A0001A
C3223			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3223-C3223A-A0001A
C3224			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3224-C3224A-A0001A
C3225			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3225-C3225A-A0001A
C3226			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3226-C3226A-A0001A
C3227			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3227-C3227A-A0001A
C3228			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3228-C3228A-A0001A
C3229			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3229-C3229A-A0001A
C3230			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3230-C3230A-A0001A
C3231			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3231-C3231A-A0001A

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
C3232	C3232	127327.149	589054.44	135.876	SOIL TUBE	8/1/2000	IN-USE							
C3233	C3233	127326.951	589062.442	135.888	SOIL TUBE	8/1/2000	IN-USE							
C3234	C3234	127327.119	589069.959	135.904	SOIL TUBE	8/1/2000	IN-USE							
C3235	C3235	127326.984	589078.172	136.02	SOIL TUBE	8/1/2000	IN-USE							
C3236	C3236	127327.095	589085.812	136.022	SOIL TUBE	8/1/2000	IN-USE							
C3237	C3237	127326.927	589101.077	136.017	SOIL TUBE	8/1/2000	IN-USE							
C3238	C3238	127327.039	589108.229	136.041	SOIL TUBE	8/1/2000	IN-USE							
C3239	C3239	127327.14	589116.232	135.945	SOIL TUBE	8/1/2000	IN-USE							
C3240	C3240	127326.776	589123.503	135.935	SOIL TUBE	8/1/2000	IN-USE							
C3249	C3249	127647.125	590057.694	125.972	SOIL TUBE	8/1/2000	IN-USE							
C3250	C3250	127702.452	590059.458	125.69	SOIL TUBE	8/1/2000	IN-USE							
C3252	C3252	127587.98	589439	134.865	BORING	8/16/2001	DECOMMISSIONED	58.8	ft					
C3255	C3255	127372.81	589660.18	130.15	BORING	9/12/2001	DECOMMISSIONED	48.5	ft					
C3264	C3264	127330.743	589001.912	136.396	UNCLASSIFIED		DECOMMISSIONED							
C3265	C3265	127301.084	589191.435	135.589	UNCLASSIFIED		DECOMMISSIONED							
C3319	C3319	127071.79	588908.002	138.035	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING					Y		
C3320	C3320	127117.896	588986.859	137.122	VADOSE WELL		DECOMMISSIONED							
C3321	C3321	126939.014	588667.901	139.186	VADOSE WELL		DECOMMISSIONED							
C3322	C3322	126930.716	588737.881	138.833	VADOSE WELL		DECOMMISSIONED							
C3323	C3323	126841.696	588512.768	140.078	UNCLASSIFIED		DECOMMISSIONED							
C3327	C3327	114088.201	592862.931	118.518	SOIL TUBE		DECOMMISSIONED					Y		
C3328	C3328	114164.751	592826.734	119.911	SOIL TUBE		DECOMMISSIONED					Y		
C3329	C3329	114240.05	592787.045	119.241	SOIL TUBE		DECOMMISSIONED					Y		
C3330	C3330	113860.971	592599.585	117.194	SOIL TUBE		DECOMMISSIONED					N		
C3331	C3331	113857.111	592673.78	119.182	SOIL TUBE		DECOMMISSIONED					Y		
C3332	C3332	113861.328	592748.971	119.784	SOIL TUBE		DECOMMISSIONED					N		
C3345	C3345	125911.424	590689.783	127.699	VADOSE WELL		DECOMMISSIONED							
C3346	C3346	125753.091	590394.874	131.203	VADOSE WELL		DECOMMISSIONED							
C3347	C3347	125067.026	591779.017	129.864	VADOSE WELL		DECOMMISSIONED							
C3348	C3348	127052.221	588813.333	138.255	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING					Y		
C3349	C3349	126795.562	588433.601	139.06	VADOSE WELL		DECOMMISSIONED							
C3361	C3361	127018.991	588715.156	138.386	VADOSE WELL		DECOMMISSIONED							
C3362	C3362	125085.758	589093.895	142.305	VADOSE WELL		DECOMMISSIONED							
C3363	C3363	123923.048	589733.612	129.274	VADOSE WELL		DECOMMISSIONED							
C3365	C3365	126979.626	588749.693	138.943	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING					Y		
C3371	C3371	125743.846	589128.298	141.903	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3372	C3372	125830.728	589099.443	141.113	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3373	C3373	125832.152	589105.256	141.18	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3374	C3374	125974.843	589052.285	144.509	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3375	C3375	125482.554	589213.571	140.981	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3376	C3376	125309.953	589277.692	142.287	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3377	C3377	124961.938	589385.053	143.343	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3378	C3378	124616.422	589504.682	144.298	UNCLASSIFIED		DECOMMISSIONED							
C3379	C3379	124614.08	589498.93	144.541	UNCLASSIFIED		DECOMMISSIONED							
C3380	C3380	124789.821	589447.733	143.781	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3403	C3403	124962.855	589390.996	143.082	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		1
C3404	C3404	125052.054	589362.147	141.997	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3405	C3405	125047.874	589355.232	146.976	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3406	C3406	125138.567	589333.955	142.221	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3407	C3407	125137.116	589327.97	141.892	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		1
C3408	C3408	125395.581	589242.206	141.308	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING							
C3409	C3409	125397.866	589247.967	141.504	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3410	C3410	125484.655	589219.603	140.981	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3411	C3411	125569.015	589185.666	140.511	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3412	C3412	125890.594	589086.385	141.976	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3413	C3413	125801.785	589108.905	138.374	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3414	C3414	125802.988	589115.385	140.216	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3415	C3415	127106.139	588686.403	136.704	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					N		
C3416	C3416	127017.37	588709.27	138.054	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
C3232							300-FF-5	T11N, R28E, S5	
C3233							300-FF-5	T11N, R28E, S5	
C3234							300-FF-5	T11N, R28E, S5	
C3235							300-FF-5	T11N, R28E, S5	
C3236							300-FF-5	T11N, R28E, S5	
C3237							300-FF-5	T11N, R28E, S5	
C3238							300-FF-5	T11N, R28E, S5	
C3239							300-FF-5	T11N, R28E, S5	
C3240							300-FF-5	T11N, R28E, S5	
C3249							300-FF-5	T11N, R28E, S5	
C3250							300-FF-5	T12N, R28E, S32	
C3252							300-FF-5	T11N, R28E, S5	
C3255							300-FF-5	T11N, R28E, S5	
C3264							300-FF-5	T11N, R28E, S5	
C3265							300-FF-5	T11N, R28E, S5	
C3319	4	ft					300-FF-5	T11N, R28E, S5	
C3320	1.7	ft					300-FF-5	T11N, R28E, S5	
C3321	0.74	ft					300-FF-5	T11N, R28E, S6	
C3322	1.1	ft					300-FF-5	T11N, R28E, S6	
C3323	2	ft					300-FF-5	T11N, R28E, S6	
C3327	5.95	ft					1100-EM-1	T10N, R28E, S15	
C3328	4.7	ft					1100-EM-1	T10N, R28E, S15	
C3329	6.05	ft					1100-EM-1	T10N, R28E, S15	
C3330	5.65	ft					1100-EM-1	T10N, R28E, S15	
C3331	5.75	ft					1100-EM-1	T10N, R28E, S15	
C3332	5.2	ft					1100-EM-1	T10N, R28E, S15	
C3345	3.2	ft					300-FF-5	T11N, R28E, S9	
C3346	4.55	ft					300-FF-5	T11N, R28E, S8	
C3347	5.95	ft					300-FF-5	T11N, R28E, S9	
C3348	9.8	ft					300-FF-5	T11N, R28E, S5	
C3349	1.5	ft					300-FF-5	T11N, R28E, S6	
C3361							300-FF-5	T11N, R28E, S6	
C3362							200-PO-1	T11N, R28E, S8	
C3363							200-PO-1	T11N, R28E, S17	
C3365	2	ft					300-FF-5	T11N, R28E, S6	
C3371	1.2	ft					300-FF-5	T11N, R28E, S8	
C3372	2	ft					300-FF-5	T11N, R28E, S8	
C3373							300-FF-5	T11N, R28E, S8	
C3374	1.5	ft					300-FF-5	T11N, R28E, S8	
C3375	4	ft					300-FF-5	T11N, R28E, S8	
C3376	0.5	ft					300-FF-5	T11N, R28E, S8	
C3377	2	ft					200-PO-1	T11N, R28E, S8	
C3378							200-PO-1	T11N, R28E, S8	
C3379							200-PO-1	T11N, R28E, S8	
C3380							200-PO-1	T11N, R28E, S8	
C3403				4in, 0ft - 1ft			200-PO-1	T11N, R28E, S8	
C3404	0	ft					200-PO-1	T11N, R28E, S8	
C3405	3.5	ft					200-PO-1	T11N, R28E, S8	
C3406	4	ft					200-PO-1	T11N, R28E, S8	
C3407				4in, 0ft - 1ft			200-PO-1	T11N, R28E, S8	
C3408							300-FF-5	T11N, R28E, S8	
C3409	3.5	ft					300-FF-5	T11N, R28E, S8	
C3410	0	ft					300-FF-5	T11N, R28E, S8	
C3411							300-FF-5	T11N, R28E, S8	
C3412	4	ft					300-FF-5	T11N, R28E, S8	
C3413	9.2	ft					300-FF-5	T11N, R28E, S8	
C3414	10	ft					300-FF-5	T11N, R28E, S8	
C3415							300-FF-5	T11N, R28E, S6	
C3416	0	ft					300-FF-5	T11N, R28E, S6	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE_UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
C3232								618-11,UPR-600-22	300-FF-2
C3233								UPR-600-22,618-11	300-FF-2
C3234								618-11,UPR-600-22	300-FF-2
C3235								UPR-600-22,618-11	300-FF-2
C3236								618-11,UPR-600-22	300-FF-2
C3237								UPR-600-22,618-11	300-FF-2
C3238								618-11,UPR-600-22	300-FF-2
C3239								618-11	300-FF-2
C3240								618-11	300-FF-2
C3249									
C3250									
C3252	FY 2006 Admin Decommissioned	DECOMMISSIONING							
C3255									
C3264								618-11	300-FF-2
C3265									
C3319									
C3320									
C3321									
C3322									
C3323									
C3327						HRD	1100-EM-1	HRD	1100-EM-1
C3328						HRD	1100-EM-1	HRD	1100-EM-1
C3329						HRD	1100-EM-1	HRD	1100-EM-1
C3330						HRD	1100-EM-1	HRD	1100-EM-1
C3331						HRD	1100-EM-1	HRD	1100-EM-1
C3332						HRD	1100-EM-1	HRD	1100-EM-1
C3345									
C3346									
C3347									
C3348									
C3349									
C3361									
C3362									
C3363									
C3365									
C3371									
C3372									
C3373									
C3374									
C3375									
C3376									
C3377									
C3378									
C3379									
C3380									
C3403									
C3404									
C3405									
C3406									
C3407									
C3408									
C3409									
C3410									
C3411								600-64	300-FF-2
C3412									
C3413									
C3414									
C3415									
C3416									

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
C3232	UPR-600-22,618-11	300-FF-2	UPR-600-22,618-11	300-FF-2	UPR-600-22,UPR-600-4,UPR-600-7,UPR-600-6,UPR-600-5,UPR-600-8,UPR-600-9,UPR-600-10,600-235,618-11	NONE, 300-FF-2			
C3233	618-11,UPR-600-22	300-FF-2	618-11,UPR-600-22	300-FF-2	618-11,600-235,UPR-600-10,UPR-600-9,UPR-600-8,UPR-600-5,UPR-600-6,UPR-600-7,UPR-600-4,UPR-600-22	NONE, 300-FF-2			
C3234	UPR-600-22,618-11	300-FF-2	UPR-600-22,618-11	300-FF-2	UPR-600-22,UPR-600-7,UPR-600-6,UPR-600-5,UPR-600-4,UPR-600-8,UPR-600-9,UPR-600-10,600-235,618-11	NONE, 300-FF-2			
C3235	618-11,UPR-600-22	300-FF-2	618-11,UPR-600-22	300-FF-2	618-11,600-235,UPR-600-10,UPR-600-9,UPR-600-8,UPR-600-5,UPR-600-6,UPR-600-7,UPR-600-22,UPR-600-4	NONE, 300-FF-2			
C3236	UPR-600-22,618-11	300-FF-2	UPR-600-22,618-11	300-FF-2	UPR-600-4,UPR-600-22,UPR-600-7,UPR-600-6,UPR-600-8,UPR-600-9,UPR-600-10,600-235,618-11	NONE, 300-FF-2			
C3237	618-11,UPR-600-22	300-FF-2	618-11,600-235,UPR-600-22	NONE, 300-FF-2	618-11,600-235,UPR-600-10,UPR-600-9,UPR-600-7,UPR-600-22	NONE, 300-FF-2			
C3238	UPR-600-22,618-11	300-FF-2	UPR-600-22,600-235,618-11	NONE, 300-FF-2	UPR-600-22,UPR-600-7,UPR-600-10,600-235,618-11	NONE, 300-FF-2			
C3239	618-11,UPR-600-22	300-FF-2	618-11,600-235,UPR-600-22	NONE, 300-FF-2	618-11,600-235,UPR-600-22	NONE, 300-FF-2			
C3240	UPR-600-22,618-11,600-235	NONE, 300-FF-2	UPR-600-22,600-235,618-11	NONE, 300-FF-2	UPR-600-22,618-11,600-235	NONE, 300-FF-2			
C3249									
C3250									
C3252							8/27/2001		
C3255							9/14/2001		
C3264	618-11,UPR-600-22	300-FF-2	618-11,UPR-600-22,UPR-600-10	300-FF-2	UPR-600-22,UPR-600-6,UPR-600-5,UPR-600-4,UPR-600-7,UPR-600-8,UPR-600-9,UPR-600-10,618-11	300-FF-2	10/9/2000		10/7/2000
C3265	600-235	NONE	600-235	NONE	618-11,600-235,UPR-600-22	NONE, 300-FF-2	10/13/2000		10/13/2000
C3319									
C3320					618-11	300-FF-2			
C3321									
C3322									
C3323									
C3327	HRD	1100-EM-1	HRD	1100-EM-1	HRD	1100-EM-1			
C3328	HRD	1100-EM-1	HRD	1100-EM-1	HRD	1100-EM-1			
C3329	HRD	1100-EM-1	HRD	1100-EM-1	HRD	1100-EM-1			
C3330	HRD	1100-EM-1	HRD	1100-EM-1	HRD	1100-EM-1			
C3331	HRD	1100-EM-1	HRD	1100-EM-1	HRD	1100-EM-1			
C3332	HRD	1100-EM-1	HRD	1100-EM-1	HRD	1100-EM-1			
C3345									
C3346									
C3347									
C3348									
C3349									
C3361									
C3362									
C3363									
C3365									
C3371									
C3372									
C3373									
C3374									
C3375					600-64	300-FF-2			
C3376									
C3377									
C3378									
C3379									
C3380									
C3403									
C3404									
C3405									
C3406									
C3407									
C3408									
C3409									
C3410					600-64	300-FF-2			
C3411	600-64	300-FF-2	600-64	300-FF-2	600-64	300-FF-2			
C3412									
C3413									
C3414									
C3415									
C3416									

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
C3232			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3232-C3232A-A0001A
C3233			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3233-C3233A-A0001A
C3234			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3234-C3234A-A0001A
C3235			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3235-C3235A-A0001A
C3236			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3236-C3236A-A0001A
C3237			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3237-C3237A-A0001A
C3238			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3238-C3238A-A0001A
C3239			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3239-C3239A-A0001A
C3240			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3240-C3240A-A0001A
C3249			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3249-C3249A-A0001A
C3250			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3250-C3250A-A0001A
C3252		8/27/2001	8/16/2001	8/16/2001		Hanford (Not in Monument)	600	9-C3252-C3252A-A0001A
C3255		9/14/2001	9/12/2001	9/12/2001		Hanford (Not in Monument)	600	9-C3255-C3255A-A0001A
C3264		10/9/2000				Hanford (Not in Monument)	600	9-C3264-C3264A-A0001A
C3265		10/13/2000				Hanford (Not in Monument)	600	9-C3265-C3265A-A0001A
C3319						Hanford (Not in Monument)	600	9-C3319-C3319A-A0001A
C3320						Hanford (Not in Monument)	600	9-C3320-C3320A-A0001A
C3321						Hanford (Not in Monument)	600	9-C3321-C3321A-A0001A
C3322						Hanford (Not in Monument)	600	9-C3322-C3322A-A0001A
C3323						Hanford (Not in Monument)	600	9-C3323-C3323A-A0001A
C3327						Hanford (Not in Monument)	600	9-C3327-C3327A-A0001A
C3328						Hanford (Not in Monument)	600	9-C3328-C3328A-A0001A
C3329						Hanford (Not in Monument)	600	9-C3329-C3329A-A0001A
C3330						Hanford (Not in Monument)	600	9-C3330-C3330A-A0001A
C3331						Hanford (Not in Monument)	600	9-C3331-C3331A-A0001A
C3332						Hanford (Not in Monument)	600	9-C3332-C3332A-A0001A
C3345						Hanford (Not in Monument)	600	9-C3345-C3345A-A0001A
C3346						Hanford (Not in Monument)	600	9-C3346-C3346A-A0001A
C3347						Hanford (Not in Monument)	600	9-C3347-C3347A-A0001A
C3348						Hanford (Not in Monument)	600	9-C3348-C3348A-A0001A
C3349						Hanford (Not in Monument)	600	9-C3349-C3349A-A0001A
C3361						Hanford (Not in Monument)	600	9-C3361-C3361A-A0001A
C3362						Hanford (Not in Monument)	600	9-C3362-C3362A-A0001A
C3363						Hanford (Not in Monument)	600	9-C3363-C3363A-A0001A
C3365						Hanford (Not in Monument)	600	9-C3365-C3365A-A0001A
C3371						Hanford (Not in Monument)	600	9-C3371-C3371A-A0001A
C3372						Hanford (Not in Monument)	600	9-C3372-C3372A-A0001A
C3373						Hanford (Not in Monument)	600	9-C3373-C3373A-A0001A
C3374						Hanford (Not in Monument)	600	9-C3374-C3374A-A0001A
C3375						Hanford (Not in Monument)	600	9-C3375-C3375A-A0001A
C3376						Hanford (Not in Monument)	600	9-C3376-C3376A-A0001A
C3377						Hanford (Not in Monument)	600	9-C3377-C3377A-A0001A
C3378						Hanford (Not in Monument)	600	9-C3378-C3378A-A0001A
C3379						Hanford (Not in Monument)	600	9-C3379-C3379A-A0001A
C3380						Hanford (Not in Monument)	600	9-C3380-C3380A-A0001A
C3403						Hanford (Not in Monument)	600	9-C3403-C3403A-A0001A
C3404						Hanford (Not in Monument)	600	9-C3404-C3404A-A0001A
C3405						Hanford (Not in Monument)	600	9-C3405-C3405A-A0001A
C3406						Hanford (Not in Monument)	600	9-C3406-C3406A-A0001A
C3407						Hanford (Not in Monument)	600	9-C3407-C3407A-A0001A
C3408						Hanford (Not in Monument)	600	9-C3408-C3408A-A0001A
C3409						Hanford (Not in Monument)	600	9-C3409-C3409A-A0001A
C3410						Hanford (Not in Monument)	600	9-C3410-C3410A-A0001A
C3411						Hanford (Not in Monument)	600	9-C3411-C3411A-A0001A
C3412						Hanford (Not in Monument)	600	9-C3412-C3412A-A0001A
C3413						Hanford (Not in Monument)	600	9-C3413-C3413A-A0001A
C3414						Hanford (Not in Monument)	600	9-C3414-C3414A-A0001A
C3415						Hanford (Not in Monument)	600	9-C3415-C3415A-A0001A
C3416						Hanford (Not in Monument)	600	9-C3416-C3416A-A0001A

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
C3417	C3417	127123.311	588983.972	136.865	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3418	C3418	127031.026	588825.657	138.174	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3419	C3419	126985.38	588746.254	138.619	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3420	C3420	126887.745	588592.194	139.988	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING							
C3421	C3421	126892.969	588588.385	139.639	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3422	C3422	126703.545	588275.716	140.127	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3423	C3423	126657.91	588197.475	140.703	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING							
C3424	C3424	125121.815	589177.292	142.651	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING							1
C3425	C3425	125001.574	588931.236	142.692	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3429	C3429	124995.772	588933.494	142.281	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		1
C3430	C3430	125043.357	589011.422	142.341	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING							1
C3431	C3431	125127.059	589174.166	142.83	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					N		1
C3432	C3432	125169.575	589256.203	141.694	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		2.7
C3433	C3433	125163.293	589259.029	141.164	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING							1
C3434	C3434	125211.114	589337.491	141.862	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3435	C3435	125205.494	589340.36	141.997	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3436	C3436	125252.68	589418.631	141.557	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3437	C3437	125378.367	589662.416	137.736	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING							
C3438	C3438	125372.892	589665.472	138.175	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3439	C3439	125462.251	589824.883	131.632	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3441	C3441	124870.9	588690.035	143.01	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3442	C3442	125630.512	590150.289	129.75	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3443	C3443	125623.982	590152.77	129.398	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3444	C3444	125671.682	590231.061	129.813	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3445	C3445	125755.825	590394.093	130.176	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3446	C3446	125839.335	590556.106	127.489	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3447	C3447	125833.631	590559.472	127.271	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3453	C3453	125155.729	591757.787	130.112	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3469	C3469	127579.639	589243.052	134.04	SOIL TUBE	8/1/2000	IN-USE							
C3470	C3470	127537.056	589240.416	133.631	SOIL TUBE	8/1/2000	IN-USE							
C3471	C3471	127494.079	589239.278	133.6	SOIL TUBE	8/1/2000	IN-USE							
C3472	C3472	127452.979	589239.277	135.356	SOIL TUBE	8/1/2000	IN-USE							
C3473	C3473	127410.927	589240.525	135.567	SOIL TUBE	8/1/2000	IN-USE							
C3474	C3474	127373.743	589240.352	135.833	SOIL TUBE	8/1/2000	IN-USE							
C3475	C3475	126967.051	589285.362	136.487	SOIL TUBE	8/1/2000	IN-USE							
C3476	C3476	127185.846	589259.388	135.435	SOIL TUBE	8/1/2000	IN-USE							
C3477	C3477	127149.912	589264.098	135.28	SOIL TUBE	8/1/2000	IN-USE							
C3478	C3478	127441.391	589393.346	135.326	SOIL TUBE	8/1/2000	IN-USE							
C3479	C3479	127333.747	589397.257	135.357	SOIL TUBE	8/1/2000	IN-USE							
C3480	C3480	127296.713	589240.843	135.329	SOIL TUBE	8/1/2000	IN-USE							
C3481	C3481	127046.197	589273.755	135.797	SOIL TUBE	8/1/2000	IN-USE							
C3482	C3482	127223.636	589258.417	135.305	SOIL TUBE	8/1/2000	IN-USE							
C3483	C3483	127053.27	589901.427	126.014	SOIL TUBE	8/1/2000	IN-USE							
C3484	C3484	127113.639	589851.07	127.426	SOIL TUBE	8/1/2000	IN-USE							
C3485	C3485	127178.944	589799.375	128.283	SOIL TUBE	8/1/2000	IN-USE							
C3486	C3486	127246.56	589755.769	128.504	SOIL TUBE	8/1/2000	IN-USE							
C3487	C3487	127299.865	589696.414	130.123	SOIL TUBE	8/1/2000	IN-USE							
C3488	C3488	127366.219	589649.639	130.765	SOIL TUBE	8/1/2000	IN-USE							
C3489	C3489	127427.258	589603.181	133.165	SOIL TUBE	8/1/2000	IN-USE							
C3490	C3490	127513.475	589534.005	135.445	SOIL TUBE	8/1/2000	IN-USE							
C3491	C3491	127596.346	589470.858	134.837	SOIL TUBE	8/1/2000	IN-USE							
C3492	C3492	127481.186	590057.625	125.888	SOIL TUBE	8/1/2000	IN-USE							
C3493	C3493	127566.361	590055.868	126.102	SOIL TUBE	8/1/2000	IN-USE							
C3520	C3520	125956.541	591566.781	138.751	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3521	C3521	125866.035	591582.123	135.084	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3522	C3522	125866.801	591588.406	135.152	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3523	C3523	125778.5	591609.62	134.038	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3524	C3524	125689.579	591630.644	132.895	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3525	C3525	125422.861	591694.477	132.837	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3526	C3526	126824.546	592482.835	139.8	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3527	C3527	126950.417	592727.142	144.342	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3533	C3533	126932.281	588743.576	138.475	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		
C3534	C3534	126497.485	588886.722	143.078	UNCLASSIFIED		DECOMMISSIONED					Y		
C3535	C3535	126324.796	588944.529	140.436	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING							
C3536	C3536	126322.671	588937.849	140.038	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING							
C3537	C3537	126620.974	592073.479	142.57	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING					Y		

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
C3417	2.5	ft					300-FF-5	T11N, R28E, S5	
C3418	4	ft					300-FF-5	T11N, R28E, S5	
C3419							300-FF-5	T11N, R28E, S6	
C3420							300-FF-5	T11N, R28E, S6	
C3421	0	ft					300-FF-5	T11N, R28E, S6	
C3422	2	ft					300-FF-5	T11N, R28E, S6	
C3423							300-FF-5	T11N, R28E, S6	
C3424							200-PO-1	T11N, R28E, S8	
C3425	4	ft					200-PO-1	T11N, R28E, S8	
C3429	1	ft		4.125in, 0ft - 1ft / 4in, 0ft - 1ft			200-PO-1	T11N, R28E, S8	
C3430							200-PO-1	T11N, R28E, S8	
C3431				4in, 0ft - 1ft			200-PO-1	T11N, R28E, S8	
C3432	2.7	ft		4.5in, 0ft - 2.7ft / 4.125in, 0ft - 2.7ft			200-PO-1	T11N, R28E, S8	
C3433				6in, 0ft - 1ft			200-PO-1	T11N, R28E, S8	
C3434							300-FF-5	T11N, R28E, S8	
C3435	3.3	ft					200-PO-1	T11N, R28E, S8	
C3436							300-FF-5	T11N, R28E, S8	
C3437							300-FF-5	T11N, R28E, S8	
C3438	4	ft					300-FF-5	T11N, R28E, S8	
C3439							300-FF-5	T11N, R28E, S8	
C3441	9	ft					200-PO-1	T11N, R28E, S7	
C3442	6	ft					300-FF-5	T11N, R28E, S8	
C3443							300-FF-5	T11N, R28E, S8	
C3444	5.5	ft					300-FF-5	T11N, R28E, S8	
C3445							300-FF-5	T11N, R28E, S8	
C3446	3	ft					300-FF-5	T11N, R28E, S9	
C3447	3.5	ft				C3454	300-FF-5	T11N, R28E, S9	
C3453	2.5	ft					300-FF-5	T11N, R28E, S9	
C3469							300-FF-5	T11N, R28E, S5	
C3470							300-FF-5	T11N, R28E, S5	
C3471							300-FF-5	T11N, R28E, S5	
C3472							300-FF-5	T11N, R28E, S5	
C3473							300-FF-5	T11N, R28E, S5	
C3474							300-FF-5	T11N, R28E, S5	
C3475							300-FF-5	T11N, R28E, S5	
C3476							300-FF-5	T11N, R28E, S5	
C3477							300-FF-5	T11N, R28E, S5	
C3478							300-FF-5	T11N, R28E, S5	
C3479							300-FF-5	T11N, R28E, S5	
C3480							300-FF-5	T11N, R28E, S5	
C3481							300-FF-5	T11N, R28E, S5	
C3482							300-FF-5	T11N, R28E, S5	
C3483							300-FF-5	T11N, R28E, S5	
C3484							300-FF-5	T11N, R28E, S5	
C3485							300-FF-5	T11N, R28E, S5	
C3486							300-FF-5	T11N, R28E, S5	
C3487							300-FF-5	T11N, R28E, S5	
C3488							300-FF-5	T11N, R28E, S5	
C3489							300-FF-5	T11N, R28E, S5	
C3490							300-FF-5	T11N, R28E, S5	
C3491							300-FF-5	T11N, R28E, S5	
C3492							300-FF-5	T11N, R28E, S5	
C3493							300-FF-5	T11N, R28E, S5	
C3520	0	ft					300-FF-5	T11N, R28E, S9	
C3521	2	ft					300-FF-5	T11N, R28E, S9	
C3522	1.8	ft					300-FF-5	T11N, R28E, S9	
C3523	6	ft					300-FF-5	T11N, R28E, S9	
C3524	0	ft					300-FF-5	T11N, R28E, S9	
C3525	0	ft					300-FF-5	T11N, R28E, S9	
C3526	5.93	ft					300-FF-5	T11N, R28E, S3	
C3527	5	ft					300-FF-5	T11N, R28E, S3	
C3533							300-FF-5	T11N, R28E, S6	
C3534							300-FF-5	T11N, R28E, S5	
C3535	4.22	ft					300-FF-5	T11N, R28E, S5	
C3536							300-FF-5	T11N, R28E, S5	
C3537	0	ft					300-FF-5	T11N, R28E, S3	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE _UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
C3417									
C3418									
C3419									
C3420									
C3421									
C3422									
C3423									
C3424									
C3425									
C3429									
C3430									
C3431									
C3432									
C3433									
C3434									
C3435									
C3436									
C3437									
C3438									
C3439									
C3441									
C3442									
C3443									
C3444									
C3445									
C3446									
C3447									
C3453									
C3469									
C3470									
C3471									
C3472									
C3473									
C3474									
C3475									
C3476									
C3477									
C3478									
C3479									
C3480									
C3481									
C3482									
C3483									
C3484									
C3485									
C3486									
C3487									
C3488									
C3489									
C3490									
C3491									
C3492									
C3493									
C3520									
C3521									
C3522									
C3523									
C3524									
C3525									
C3526									
C3527									
C3533									
C3534									
C3535									
C3536									
C3537									

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
C3417					618-11	300-FF-2			
C3418									
C3419									
C3420									
C3421									
C3422									
C3423									
C3424									
C3425									
C3429									
C3430									
C3431									
C3432									
C3433									
C3434									
C3435									
C3436									
C3437									
C3438									
C3439									
C3441									
C3442									
C3443									
C3444									
C3445									
C3446									
C3447									
C3453									
C3469									
C3470									
C3471									
C3472									
C3473					UPR-600-22	300-FF-2			
C3474					UPR-600-22,600-235	NONE, 300-FF-2			
C3475			600-235	NONE	600-235	NONE			
C3476			600-235	NONE	600-235	NONE			
C3477	600-235	NONE	600-235	NONE	600-235	NONE			
C3478									
C3479									
C3480					600-235	NONE			
C3481	600-235	NONE	600-235	NONE	600-235	NONE			
C3482			600-235	NONE	600-235	NONE			
C3483									
C3484									
C3485									
C3486									
C3487									
C3488									
C3489									
C3490									
C3491									
C3492									
C3493									
C3520									
C3521									
C3522									
C3523									
C3524									
C3525									
C3526									
C3527									
C3533									
C3534									
C3535									
C3536									
C3537									

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
C3417						Hanford (Not in Monument)	600	9-C3417-C3417A-A0001A
C3418						Hanford (Not in Monument)	600	9-C3418-C3418A-A0001A
C3419						Hanford (Not in Monument)	600	9-C3419-C3419A-A0001A
C3420						Hanford (Not in Monument)	600	9-C3420-C3420A-A0001A
C3421						Hanford (Not in Monument)	600	9-C3421-C3421A-A0001A
C3422						Hanford (Not in Monument)	600	9-C3422-C3422A-A0001A
C3423						Hanford (Not in Monument)	600	9-C3423-C3423A-A0001A
C3424						Hanford (Not in Monument)	600	9-C3424-C3424A-A0001A
C3425						Hanford (Not in Monument)	600	9-C3425-C3425A-A0001A
C3429						Hanford (Not in Monument)	600	9-C3429-C3429A-A0001A
C3430						Hanford (Not in Monument)	600	9-C3430-C3430A-A0001A
C3431						Hanford (Not in Monument)	600	9-C3431-C3431A-A0001A
C3432						Hanford (Not in Monument)	600	9-C3432-C3432A-A0001A
C3433						Hanford (Not in Monument)	600	9-C3433-C3433A-A0001A
C3434						Hanford (Not in Monument)	600	9-C3434-C3434A-A0001A
C3435						Hanford (Not in Monument)	600	9-C3435-C3435A-A0001A
C3436						Hanford (Not in Monument)	600	9-C3436-C3436A-A0001A
C3437						Hanford (Not in Monument)	600	9-C3437-C3437A-A0001A
C3438						Hanford (Not in Monument)	600	9-C3438-C3438A-A0001A
C3439						Hanford (Not in Monument)	600	9-C3439-C3439A-A0001A
C3441						Hanford (Not in Monument)	600	9-C3441-C3441A-A0001A
C3442						Hanford (Not in Monument)	600	9-C3442-C3442A-A0001A
C3443						Hanford (Not in Monument)	600	9-C3443-C3443A-A0001A
C3444						Hanford (Not in Monument)	600	9-C3444-C3444A-A0001A
C3445						Hanford (Not in Monument)	600	9-C3445-C3445A-A0001A
C3446						Hanford (Not in Monument)	600	9-C3446-C3446A-A0001A
C3447						Hanford (Not in Monument)	600	9-C3447-C3447A-A0001A
C3453						Hanford (Not in Monument)	600	9-C3453-C3453A-A0001A
C3469			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3469-C3469A-A0001A
C3470			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3470-C3470A-A0001A
C3471			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3471-C3471A-A0001A
C3472			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3472-C3472A-A0001A
C3473			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3473-C3473A-A0001A
C3474			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3474-C3474A-A0001A
C3475			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3475-C3475A-A0001A
C3476			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3476-C3476A-A0001A
C3477			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3477-C3477A-A0001A
C3478			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3478-C3478A-A0001A
C3479			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3479-C3479A-A0001A
C3480			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3480-C3480A-A0001A
C3481			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3481-C3481A-A0001A
C3482			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3482-C3482A-A0001A
C3483			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3483-C3483A-A0001A
C3484			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3484-C3484A-A0001A
C3485			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3485-C3485A-A0001A
C3486			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3486-C3486A-A0001A
C3487			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3487-C3487A-A0001A
C3488			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3488-C3488A-A0001A
C3489			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3489-C3489A-A0001A
C3490			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3490-C3490A-A0001A
C3491			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3491-C3491A-A0001A
C3492			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3492-C3492A-A0001A
C3493			8/1/2000	8/1/2000		Hanford (Not in Monument)	600	9-C3493-C3493A-A0001A
C3520						Hanford (Not in Monument)	600	9-C3520-C3520A-A0001A
C3521						Hanford (Not in Monument)	600	9-C3521-C3521A-A0001A
C3522						Hanford (Not in Monument)	600	9-C3522-C3522A-A0001A
C3523						Hanford (Not in Monument)	600	9-C3523-C3523A-A0001A
C3524						Hanford (Not in Monument)	600	9-C3524-C3524A-A0001A
C3525						Hanford (Not in Monument)	600	9-C3525-C3525A-A0001A
C3526						Hanford (Not in Monument)	600	9-C3526-C3526A-A0001A
C3527						Hanford (Not in Monument)	600	9-C3527-C3527A-A0001A
C3533						Hanford (Not in Monument)	600	9-C3533-C3533A-A0001A
C3534						Hanford (Not in Monument)	600	9-C3534-C3534A-A0001A
C3535						Hanford (Not in Monument)	600	9-C3535-C3535A-A0001A
C3536						Hanford (Not in Monument)	600	9-C3536-C3536A-A0001A
C3537						Hanford (Not in Monument)	600	9-C3537-C3537A-A0001A

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
C3652	C3652	114012.25	592900.906	117.041	SOIL TUBE		DECOMMISSIONED					Y		
C3653	C3653	114164.224	592900.891	119.172	SOIL TUBE		DECOMMISSIONED					Y		
C3654	C3654	114316.106	592824.927	120.119	SOIL TUBE		DECOMMISSIONED					Y		
C3783	C3783	121624.109	591176.329	129.563	UNCLASSIFIED		IN-USE							
C3961	C3961	116042.61	593946.515	116.164	BORING	7/26/2002	DECOMMISSIONED	49.3	ft					
C3962	C3962	116042.24	593984.944	116.399	UNCLASSIFIED	7/25/2002	DECOMMISSIONED	48.4	ft					
C5387	C5387	116340	594045	118.4	BORING	12/19/2006	DECOMMISSIONED	50	ft					
C5388	C5388	116340	594033	118.53	BORING	12/20/2006	DECOMMISSIONED	50.5	ft					
C5389	C5389	116340	594020	118.78	BORING	12/21/2006	DECOMMISSIONED	50.5	ft					
C6341	C6341	116269.06	594462.75	105.49	AQUIFER TUBE	3/5/2008	IN-USE	12.21	ft				3/5/2008	12.21
C6342	C6342	116293.5	594463.17	105.65	AQUIFER TUBE	3/5/2008	IN-USE	18.02	ft				3/5/2008	18.02
C6343	C6343	116295.2	594463.06	105.45	AQUIFER TUBE	3/5/2008	IN-USE	25	ft				3/5/2008	21.08
C6344	C6344	116077.56	594525.24	105.35	AQUIFER TUBE	3/6/2008	IN-USE	12.75	ft				3/6/2008	7.8
C6347	C6347	115859.25	594578.36	105.07	AQUIFER TUBE	3/10/2008	IN-USE	10.28	ft				3/10/2008	10.28
C6348	C6348	115861.98	594577.93	105.14	AQUIFER TUBE	3/10/2008	IN-USE	17	ft				3/10/2008	12.63
C6350	C6350	115642.05	594638.09	105.2	AQUIFER TUBE	3/11/2008	IN-USE	8.93	ft				3/11/2008	8.93
C6351	C6351	115640.53	594638.56	105.36	AQUIFER TUBE	3/11/2008	IN-USE	14.73	ft				3/11/2008	14.73
C6352	C6352	115644.5	594640.9		AQUIFER TUBE	3/22/2008	IN-USE	15.2	ft				3/22/2008	14.63
C6365	C6365	128216.74	594644.69	108.35	AQUIFER TUBE	4/28/2008	IN-USE	11.2	ft				4/28/2008	9.2
C6366	C6366	128280	594672		AQUIFER TUBE	4/28/2008	DECOMMISSIONED	6.4	ft					
C6367	C6367	128280	594672		AQUIFER TUBE	4/28/2008	DECOMMISSIONED	6.4	ft					
C6368	C6368	126500.86	594894.34	105.88	AQUIFER TUBE	9/11/2008	IN-USE	7.8	ft				9/11/2008	6.93
C6371	C6371	125271.6	594742.71	106.49	AQUIFER TUBE	4/9/2008	IN-USE	8.2	ft				4/9/2008	8.08
C6374	C6374	123114.18	594450.72	106.03	AQUIFER TUBE	4/7/2008	IN-USE	7.4	ft				4/7/2008	7.3
C6375	C6375	123115.67	594448.42	106.15	AQUIFER TUBE	4/7/2008	IN-USE	9.5	ft				4/7/2008	9.38
C6377	C6377	121303	594540		AQUIFER TUBE	9/12/2008	DECOMMISSIONED	6.7	ft					
C6378	C6378	121359.19	594559.05	105.5	AQUIFER TUBE	9/14/2008	IN-USE	5.55	ft				9/14/2008	5.55
C6379	C6379	121303	594540		AQUIFER TUBE	9/12/2008	DECOMMISSIONED	9.3	ft					
C6380	C6380	119218.61	594571.83	104.79	AQUIFER TUBE	9/15/2008	IN-USE	2.02	ft				9/15/2008	2.02
C6381	C6381	119223	594570		AQUIFER TUBE	9/15/2008	DECOMMISSIONED	3.5	ft					
C6382	C6382	119223	594570		AQUIFER TUBE	9/15/2008	DECOMMISSIONED	3.5	ft					
C7963	C7963	124846.28	588704.58	142.62	PROPOSED SITE		CANDIDATE FOR DECOMMISSIONING	3	ft			Y		
C7964	C7964	128407.87	593178.63	129.88	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING	3	ft					
C5281	DS75-100cm	116082.3672	594530.125		AQUIFER TUBE	11/29/2005	IN-USE	3.68	ft					
C5282	DS75-319cm	116082.3672	594530.125		AQUIFER TUBE	11/29/2005	IN-USE	10.97	ft					

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
C3652	5.55	ft					1100-EM-1	T10N, R28E, S15	
C3653	5.55	ft					1100-EM-1	T10N, R28E, S15	
C3654	5.7	ft					1100-EM-1	T10N, R28E, S15	
C3783							300-FF-5	T11N, R28E, S21	
C3961							300-FF-5	T10N, R28E, S11	
C3962							300-FF-5	T10N, R28E, S11	
C5387							300-FF-5	T10N, R28E, S2	
C5388							300-FF-5	T10N, R28E, S2	
C5389							300-FF-5	T10N, R28E, S2	
C6341			.5in, 11.71ft - 12.21ft				300-FF-5	T10N, R28E, S11	
C6342			.5in, 17.52ft - 18.02ft				300-FF-5	T10N, R28E, S2	
C6343			.5in, 20.58ft - 21.08ft				300-FF-5	T10N, R28E, S2	
C6344			.5in, 7.3ft - 7.8ft				300-FF-5	T10N, R28E, S11	
C6347			.5in, 9.78ft - 10.28ft				300-FF-5	T10N, R28E, S11	
C6348			.5in, 12.13ft - 12.63ft				300-FF-5	T10N, R28E, S11	
C6350			.5in, 8.43ft - 8.93ft				300-FF-5	T10N, R28E, S11	
C6351			.5in, 14.23ft - 14.73ft				300-FF-5	T10N, R28E, S11	
C6352			.5in, 14.13ft - 14.63ft				300-FF-5	T10N, R28E, S11	
C6365			.5in, 8.7ft - 9.2ft				300-FF-5	T12N, R28E, S35	
C6366							300-FF-5	T12N, R28E, S35	
C6367							300-FF-5	T12N, R28E, S35	
C6368			.5in, 6.43ft - 6.93ft				300-FF-5	T11N, R28E, S2	
C6371			.5in, 7.58ft - 8.08ft				300-FF-5	T11N, R28E, S11	
C6374			.5in, 6.8ft - 7.3ft				300-FF-5	T11N, R28E, S14	
C6375			.5in, 8.88ft - 9.38ft				300-FF-5	T11N, R28E, S14	
C6377							300-FF-5	T11N, R28E, S23	
C6378			.5in, 5.05ft - 5.55ft				300-FF-5	T11N, R28E, S23	
C6379							300-FF-5	T11N, R28E, S23	
C6380			.5in, 1.52ft - 2.02ft				300-FF-5	T11N, R28E, S35	
C6381							300-FF-5	T11N, R28E, S35	
C6382							300-FF-5	T11N, R28E, S35	
C7963	3	ft					200-PO-1	T11N, R28E, S7	
C7964							200-PO-1	T12N, R28E, S34	
C5281							300-FF-5	T10N, R28E, S11	
C5282							300-FF-5	T10N, R28E, S11	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE _UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
C3652						HRD	1100-EM-1	HRD	1100-EM-1
C3653								HRD	1100-EM-1
C3654									
C3783						600-63	300-FF-2	600-259,600-63	300-FF-2
C3961						300-6	300-FF-2	300-124,300-122,300-6,300-273,300-26	300-FF-2
C3962						300-6	300-FF-2	300-6,300-65,300-15	300-FF-2
C5387			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	618-2	300-FF-2	618-2	300-FF-2
C5388			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	618-2	300-FF-2	618-2	300-FF-2
C5389			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5	618-2	300-FF-2	618-2	300-FF-2
C6341									
C6342									
C6343									
C6344									
C6347									
C6348									
C6350			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C6351			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C6352			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C6365			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
C6366			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
C6367			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
C6368			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
C6371			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
C6374			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
C6375			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
C6377			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
C6378			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
C6379			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
C6380			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
C6381			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
C6382			Waste Control Plan for the 200-PO-1 Operable Unit/REV NUM 1	PO-1/BP-5 CONSOLIDATED WASTE STORAGE AREA	200-PO-1				
C7963									
C7964									
C5281	3FF5-300	GROUNDWATER SAMPLE							
C5282	3FF5-300	GROUNDWATER SAMPLE							

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
C3652	HRD	1100-EM-1	HRD	1100-EM-1	HRD	1100-EM-1			
C3653	HRD	1100-EM-1	HRD	1100-EM-1	HRD	1100-EM-1			
C3654	HRD	1100-EM-1	HRD	1100-EM-1	HRD	1100-EM-1			
C3783	600-259,600-63	300-FF-2	600-259,600-63	300-FF-2	600-259,600-63	300-FF-2			
C3961	300-122,300-123,300-124,300-15,300-28,300-273,300-26,300-6	300-FF-2	300-26,300-28,300-268,300-273,300-6,300-65,300-66,300-123,300-124,300-15,300-176,300-122	300-FF-2	3712 USSA,300 PHWSA,311-TK-50,311-TK-40,311 MT1,300-62,300-64,300-66,300-65,300-76,311 MT2,313 URO,313 ESSP,300-11,300-122,300-123,300-124,300-15,300-167,300-168,300-161,300-162,300-163,300-160,300-152,300-176,300-211,300-213,300-26,300-256,300-253,300-22	300-FF-2			7/29/2002
C3962	300-65,300-6,300-268,300-123,300-15	300-FF-2	300-122,300-168,300-167,300-124,300-123,300-15,300-66,300-65,300-6,300-273,300-268,300-26	300-FF-2	UPR-300-42,UPR-300-7,300-268,300-28,300-273,300-264,300-42,300-33,300-53,300-6,300-224,300-223,300-256,300-26,300-213,300-176,300-162,300-168,300-167,300-15,300-124,300-123,300-122,300-76,300-66,300-65,311-TK-40,300 RLWS	300-FF-2			7/25/2002
C5387	618-2	300-FF-2	300-259,618-2	300-FF-2	UPR-300-14,UPR-300-46,618-1,628-4,618-3,618-12,618-2,300-109,300-15,300-259,300-45,300-32,303-M UOF,303-M SA,333 ESHWSA,333 LHWSA	300-FF-1, 300-FF-2	12/20/2006		
C5388	618-2	300-FF-2	618-3,618-2,300-259	300-FF-2	333 LHWSA,333 ESHWSA,303-M SA,303-M UOF,300-8,300-32,300-45,300-259,300-15,300-109,618-3,618-2,618-1,UPR-300-46,UPR-300-14	300-FF-2	12/20/2006		
C5389	618-2	300-FF-2	300-259,618-2,618-3,UPR-300-46	300-FF-2	UPR-300-14,UPR-300-46,618-1,618-3,618-2,300-109,300-15,300-259,300-45,300-32,300-8,303-M UOF,303-M SA,333 ESHWSA,333 LHWSA	300-FF-2	12/21/2006		
C6341					300-52	300-FF-1	3/10/2010		
C6342							3/10/2010		
C6343							3/10/2010		
C6344							3/10/2010		
C6347					300-261	300-FF-2	3/11/2010		
C6348					300-261	300-FF-2	3/11/2010		
C6350					300-261,300-257,300-15	300-FF-2	3/11/2010		
C6351					300-15,300-257,300-261	300-FF-2	3/11/2010		
C6352					300-261,300-257,300-15	300-FF-2	1/14/2010		
C6365							11/15/2009		
C6366									
C6367									
C6368							2/19/2009		
C6371							3/25/2009		
C6374							11/30/2009		
C6375							11/30/2009		
C6377					600-46	300-FF-2			
C6378			600-46	300-FF-2	600-46	300-FF-2	1/29/2010		
C6379					600-46	300-FF-2	9/29/2008		
C6380							12/2/2009		
C6381									
C6382									
C7963									
C7964									
C5281							5/5/2006		
C5282							5/5/2006		

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
C3652						Hanford (Not in Monument)	600	9-C3652-C3652A-A0001A
C3653						Hanford (Not in Monument)	600	9-C3653-C3653A-A0001A
C3654						Hanford (Not in Monument)	600	9-C3654-C3654A-A0001A
C3783						Hanford (Not in Monument)	600	9-C3783-C3783A-A0001A
C3961		7/29/2002	7/26/2002	7/26/2002		Hanford (Not in Monument)	300	9-C3961-C3961A-A0001A
C3962		7/25/2002	7/25/2002	7/25/2002		Hanford (Not in Monument)	300	9-C3962-C3962A-A0001A
C5387		12/20/2006	12/19/2006	12/19/2006		Hanford (Not in Monument)	300	9-C5387-C5387A-A0001A
C5388		12/20/2006	12/20/2006	12/20/2006		Hanford (Not in Monument)	300	9-C5388-C5388A-A0001A
C5389		12/21/2006	12/21/2006	12/21/2006		Hanford (Not in Monument)	300	9-C5389-C5389A-A0001A
C6341		3/10/2010	3/5/2008	3/5/2008		Hanford (Not in Monument)	300	9-C6341-C6341A-A0001A
C6342		3/10/2010	3/5/2008	3/5/2008		Hanford (Not in Monument)	600	9-C6342-C6342A-A0001A
C6343		3/10/2010	3/5/2008	3/5/2008		Hanford (Not in Monument)	600	9-C6343-C6343A-A0001A
C6344		3/10/2010	3/6/2008	3/6/2008		Hanford (Not in Monument)	600	9-C6344-C6344A-A0001A
C6347		3/11/2010	3/10/2008	3/10/2008		Hanford (Not in Monument)	600	9-C6347-C6347A-A0001A
C6348		3/11/2010	3/10/2008	3/10/2008		Hanford (Not in Monument)	600	9-C6348-C6348A-A0001A
C6350		3/11/2010	3/11/2008	3/11/2008		Hanford (Not in Monument)	600	9-C6350-C6350A-A0001A
C6351		3/11/2010	3/11/2008	3/11/2008		Hanford (Not in Monument)	600	9-C6351-C6351A-A0001A
C6352		1/14/2010	3/22/2008	3/22/2008		Hanford (Not in Monument)	600	9-C6352-C6352A-A0001A
C6365		11/15/2009	4/28/2008	4/28/2008		Monument River (Immed. South of River And Dunes)	600	9-C6365-C6365A-A0001A
C6366			4/28/2008	4/28/2008		Monument River (Immed. South of River And Dunes)	Benton County	9-C6366-C6366A-A0001A
C6367			4/28/2008	4/28/2008		Monument River (Immed. South of River And Dunes)	Benton County	9-C6367-C6367A-A0001A
C6368		2/19/2009	9/11/2008	9/11/2008		Monument River (Immed. South of River And Dunes)	Benton County	9-C6368-C6368A-A0001A
C6371		3/25/2009	4/9/2008	4/9/2008		Monument River (Immed. South of River And Dunes)	600	9-C6371-C6371A-A0001A
C6374		11/30/2009	4/7/2008	4/7/2008		Monument River (Immed. South of River And Dunes)	600	9-C6374-C6374A-A0001A
C6375		11/30/2009	4/7/2008	4/7/2008		Monument River (Immed. South of River And Dunes)	600	9-C6375-C6375A-A0001A
C6377			9/12/2008	9/12/2008		Monument River (Immed. South of River And Dunes)	600	9-C6377-C6377A-A0001A
C6378		1/29/2010	9/14/2008	9/14/2008		Monument River (Immed. South of River And Dunes)	600	9-C6378-C6378A-A0001A
C6379		9/29/2008	9/12/2008	9/12/2008		Monument River (Immed. South of River And Dunes)	600	9-C6379-C6379A-A0001A
C6380		12/2/2009	9/15/2008	9/15/2008		Offsite (Not in Monument)	Benton County	9-C6380-C6380A-A0001A
C6381			9/15/2008	9/15/2008		Offsite (Not in Monument)	Benton County	9-C6381-C6381A-A0001A
C6382			9/15/2008	9/15/2008		Offsite (Not in Monument)	Benton County	9-C6382-C6382A-A0001A
C7963								9-C7963-C7963A-A0001A
C7964								9-C7964-C7964A-A0001A
C5281		5/5/2006	11/29/2005	11/29/2005		Hanford (Not in Monument)	600	9-DS75-100cm-D5100S-cm-A0001A
C5282		5/5/2006	11/29/2005	11/29/2005		Hanford (Not in Monument)	600	9-DS75-319cm-D5319S-cm-A0001A

Table D-41. Well and Borehole Information

Well ID	Well Name	NORTHING	EASTING	ELEVATION	Well Type	DRILL_DATE	Well Status	Total Depth	Total Depth Units	DEPTH_TO_WATER	DEPTH_TO_WATER_UNITS	DRY_WELL	CONST_DATE	CONST_DEPTH
C3071	ENW-MW-1	126893	589315		GROUNDWATER WELL	5/11/1995	IN-USE	70	ft				5/11/1995	
C3072	ENW-MW-2	126781.26	589299.5	137.01	GROUNDWATER WELL	5/10/1995	IN-USE	70	ft				5/10/1995	
C3080	ENW-MW-31	126951	591193		GROUNDWATER WELL		DECOMMISSIONED							
C3081	ENW-MW-32	126881	591438		GROUNDWATER WELL		DECOMMISSIONED							
C3073	ENW-MW-3	126701.53	589398.24	134.34	GROUNDWATER WELL	5/9/1995	IN-USE	61	ft				5/9/1995	
C3074	ENW-MW-4	126628.34	589412.06	138.67	GROUNDWATER WELL	5/9/1995	IN-USE	76	ft				5/9/1995	
C3075	ENW-MW-5	126700.77	589027.58	138.35	GROUNDWATER WELL	5/8/1995	IN-USE	80	ft				5/8/1995	
C3076	ENW-MW-6	126723.86	589764.92	130.23	GROUNDWATER WELL	7/29/1997	IN-USE	46	ft				7/29/1997	
C3077	ENW-MW-7	127435.77	589927.63	124.17	GROUNDWATER WELL	7/28/1997	IN-USE	28	ft				7/28/1997	
C3078	ENW-MW-8	127388.88	589879.47	126.36	GROUNDWATER WELL	7/29/1997	IN-USE	35	ft				7/29/1997	
C3079	ENW-MW-9	127422.79	589763.87	126.16	GROUNDWATER WELL	7/28/1997	IN-USE	37	ft				7/28/1997	
A9970	PNL-23	113986.078	593224.194	118.807	SOIL TUBE		DECOMMISSIONED							
C3004	SPC-GM-10	113806.78	592463.53		GROUNDWATER WELL		IN-USE							
C3005	SPC-GM-11	113812.57	592552.23		GROUNDWATER WELL		IN-USE							
C3006	SPC-GM-12	113808.91	592643.97		GROUNDWATER WELL		IN-USE							
C3001	SPC-GM-7	113683.33	592511.08		GROUNDWATER WELL		IN-USE							
C3002	SPC-GM-8	113718.39	592427.87		GROUNDWATER WELL		IN-USE							
C3003	SPC-GM-9	113805.86	592367.82		GROUNDWATER WELL		IN-USE							
C3012	SPC-P-2	113803.12	591986.82		GROUNDWATER WELL	4/20/1992	IN-USE	30	ft				4/20/1992	30
C3027	SPC-TW-14	113810.74	592383.67		GROUNDWATER WELL	7/8/1993	IN-USE	30	ft					
C3028	SPC-TW-15	113809.52	592426.34		GROUNDWATER WELL		IN-USE							
C3029	SPC-TW-16	113810.44	592476.33		GROUNDWATER WELL		IN-USE							
C3030	SPC-TW-17	113768.37	592511.69		GROUNDWATER WELL		IN-USE							
C3031	SPC-TW-18	113805.56	592472.06		GROUNDWATER WELL		IN-USE							

Table D-41. Well and Borehole Information

Well ID	DEPTH_TO_BOTTOM	DEPTH_TO_ BOTTOM_UNITS	WS_SIZE_DEPTH_TOP_BOTTOM_UNITS	WC_SIZE_DEPTH_TOP_BOTTOM _UNITS	WP_CUTS_DEPTH_TOP_BOTTOM_UNITS	WELL_NAME_SYNONYMS	GW Areas of Interest	PLSS	ECOLOGY_NAME
C3071	67	ft	2in, 57.05ft - 66.75ft	2in, 0ft - 57.05ft / 2in, 66.75ft - 67.05ft		MW1	300-FF-5	T11N, R28E, S5	
C3072	65	ft	2in, 55ft - 64.7ft	2in, 0ft - 55ft / 2in, 64.7ft - 65ft		MW2	300-FF-5	T11N, R28E, S5	
C3080						ENW-31	300-FF-5	T11N, R28E, S4	
C3081						ENW-32	300-FF-5	T11N, R28E, S4	
C3073	59	ft	2in, 49.05ft - 58.75ft	2in, 0ft - 49.05ft / 2in, 58.75ft - 59.05ft		MW3	300-FF-5	T11N, R28E, S5	
C3074	73	ft	2in, 63.5ft - 73.2ft	2in, 0ft - 63.5ft / 2in, 73.2ft - 73.5ft		MW4	300-FF-5	T11N, R28E, S5	
C3075	75	ft	2in, 60.02ft - 74.72ft	2in, 0ft - 60.02ft / 2in, 74.72ft - 75.02ft		MW5	300-FF-5	T11N, R28E, S5	
C3076	46	ft	2in, 36.37ft - 46.37ft	2in, 0ft - 36.37ft / 2in, 46.37ft - 46.87ft		MW6	300-FF-5	T11N, R28E, S5	
C3077	28	ft	2in, 17.66ft - 27.66ft	2in, 0ft - 17.66ft / 2in, 27.66ft - 28.16ft		MW7	300-FF-5	T11N, R28E, S5	
C3078	35	ft	2in, 25.17ft - 35.17ft	2in, 0ft - 25.17ft / 2in, 35.17ft - 35.67ft		MW8	300-FF-5	T11N, R28E, S5	
C3079	37	ft	2in, 26.85ft - 36.85ft	2in, 0ft - 26.85ft / 2in, 36.85ft - 37.35ft		MW9	300-FF-5	T11N, R28E, S5	
A9970							1100-EM-1	T10N, R28E, S15	
C3004							1100-EM-1	T10N, R28E, S15	
C3005							1100-EM-1	T10N, R28E, S15	
C3006							1100-EM-1	T10N, R28E, S15	
C3001							1100-EM-1	T10N, R28E, S15	
C3002							1100-EM-1	T10N, R28E, S15	
C3003							1100-EM-1	T10N, R28E, S15	
C3012				2in, 0ft - 24ft			1100-EM-1	T10N, R28E, S16	
C3027							1100-EM-1	T10N, R28E, S15	
C3028							1100-EM-1	T10N, R28E, S15	
C3029							1100-EM-1	T10N, R28E, S15	
C3030							1100-EM-1	T10N, R28E, S15	
C3031							1100-EM-1	T10N, R28E, S15	

Table D-41. Well and Borehole Information

Well ID	WELL_PROJECTS	WELL_PROJECT_PURPOSES	WASTE_MANAGEMENT_PLANS	WASTE_STORAGE_LOCATIONS	WMP_RELATED_OPERABLE_UNITS	WASTE_SITES_0M	OU_0M	WASTE_SITES_50F	OU_50F
C3071			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C3072			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C3080			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C3081			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C3073			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C3074			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C3075			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C3076			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C3077			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C3078			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
C3079			Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1	310 TEDF YARD SE CORNER	300-FF-5				
A9970									
C3004									
C3005									
C3006									
C3001									
C3002									
C3003									
C3012									
C3027									
C3028									
C3029									
C3030									
C3031									

Table D-41. Well and Borehole Information

Well ID	WASTE_SITES_100F	OU_100F	WASTE_SITES_50M	OU_50M	WASTE_SITES_100M	OU_100M	DATE_LAST_SAMPLED_GW	DATE_LAST_SAMPLED_MM	DATE_LAST_SAMPLED_SO
C3071					600-235	NONE	9/1/2000		
C3072							2/10/2000		
C3080							2/8/2000		
C3081							2/8/2000		
C3073					600-235	NONE	2/10/2000		
C3074					600-235	NONE	2/10/2000		
C3075							2/9/2000		
C3076							2/9/2000		
C3077							9/1/2000		
C3078							2/11/2000		
C3079							8/31/2000		
A9970									
C3004									
C3005			HRD	1100-EM-1	HRD	1100-EM-1			
C3006			HRD	1100-EM-1	HRD	1100-EM-1			
C3001								4/29/2009	
C3002									
C3003									
C3012									
C3027									
C3028									
C3029									
C3030									
C3031									

Table D-41. Well and Borehole Information

Well ID	DATE_LAST_SAMPLED_SG	DATE_LAST_SAMPLED	DATE_LAST_ROUTINE_MAINTENANCE	DATE_LAST_MAINTENANCE	DATE_LAST_WLM	MONUMENT_LOC	DISTRICT_ID	SORT_NAME
C3071		9/1/2000	5/11/1995	5/11/1995	3/7/2005	Hanford (Not in Monument)	600	9-ENW-MW-1-E0001NW-MW--A0001A
C3072		2/10/2000	5/10/1995	5/10/1995	3/7/2005	Hanford (Not in Monument)	600	9-ENW-MW-2-E0002NW-MW--A0001A
C3080		2/8/2000				Hanford (Not in Monument)	600	9-ENW-MW-31-E0031NW-MW--A0001A
C3081		2/8/2000				Hanford (Not in Monument)	600	9-ENW-MW-32-E0032NW-MW--A0001A
C3073		2/10/2000	5/9/1995	5/9/1995	3/7/2005	Hanford (Not in Monument)	600	9-ENW-MW-3-E0003NW-MW--A0001A
C3074		2/10/2000	5/9/1995	5/9/1995	3/7/2005	Hanford (Not in Monument)	600	9-ENW-MW-4-E0004NW-MW--A0001A
C3075		2/9/2000	5/8/1995	5/8/1995	3/7/2005	Hanford (Not in Monument)	600	9-ENW-MW-5-E0005NW-MW--A0001A
C3076		2/9/2000	7/29/1997	7/29/1997	3/7/2005	Hanford (Not in Monument)	600	9-ENW-MW-6-E0006NW-MW--A0001A
C3077		9/1/2000	7/28/1997	7/28/1997	3/7/2005	Hanford (Not in Monument)	600	9-ENW-MW-7-E0007NW-MW--A0001A
C3078		2/11/2000	7/29/1997	7/29/1997	3/7/2005	Hanford (Not in Monument)	600	9-ENW-MW-8-E0008NW-MW--A0001A
C3079		8/31/2000	7/28/1997	7/28/1997	3/7/2005	Hanford (Not in Monument)	600	9-ENW-MW-9-E0009NW-MW--A0001A
A9970						Hanford (Not in Monument)	600	9-PNL-23-P0023NL--A0001A
C3004						Offsite (Not in Monument)	Benton County	9-SPC-GM-10-S0010PC-GM--A0001A
C3005						Offsite (Not in Monument)	Benton County	9-SPC-GM-11-S0011PC-GM--A0001A
C3006						Offsite (Not in Monument)	Benton County	9-SPC-GM-12-S0012PC-GM--A0001A
C3001		4/29/2009				Offsite (Not in Monument)	Benton County	9-SPC-GM-7-S0007PC-GM--A0001A
C3002						Offsite (Not in Monument)	Benton County	9-SPC-GM-8-S0008PC-GM--A0001A
C3003						Offsite (Not in Monument)	Benton County	9-SPC-GM-9-S0009PC-GM--A0001A
C3012			4/20/1992	4/20/1992		Offsite (Not in Monument)	Benton County	9-SPC-P-2-S0002PC-P--A0001A
C3027			7/8/1993	7/8/1993		Offsite (Not in Monument)	Benton County	9-SPC-TW-14-S0014PC-TW--A0001A
C3028						Offsite (Not in Monument)	Benton County	9-SPC-TW-15-S0015PC-TW--A0001A
C3029						Offsite (Not in Monument)	Benton County	9-SPC-TW-16-S0016PC-TW--A0001A
C3030						Offsite (Not in Monument)	Benton County	9-SPC-TW-17-S0017PC-TW--A0001A
C3031						Offsite (Not in Monument)	Benton County	9-SPC-TW-18-S0018PC-TW--A0001A

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	WELL_NAME	SAMP_DATE_TIME	FILTERED _FLAG	STD_CON_ID	STD_CON_LONG_NAME	STD_VALUE_RPTD	STD_ANAL_ UNITS_RPTD	CON_LONG_NAME	CON_ID	VALUE_RPTD	ANAL_UNITS _RPTD	LAB_ QUALIFIER	REVIEW_ QUALIFIER	VALIDATION _QUALIFIER	LAB_CODE
B29TP0	399-1-54	10/18/11 11:13	N	71-55-6	1,1,1-Trichloroethane	1	µg/L	1,1,1-Trichloroethane	71-55-6	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	71-55-6	1,1,1-Trichloroethane	1	µg/L	1,1,1-Trichloroethane	71-55-6	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	71-55-6	1,1,1-Trichloroethane	1	µg/L	1,1,1-Trichloroethane	71-55-6	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	71-55-6	1,1,1-Trichloroethane	1	µg/L	1,1,1-Trichloroethane	71-55-6	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	71-55-6	1,1,1-Trichloroethane	0.069	µg/L	1,1,1-Trichloroethane	71-55-6	0.069	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	71-55-6	1,1,1-Trichloroethane	1	µg/L	1,1,1-Trichloroethane	71-55-6	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	71-55-6	1,1,1-Trichloroethane	1	µg/L	1,1,1-Trichloroethane	71-55-6	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	71-55-6	1,1,1-Trichloroethane	1	µg/L	1,1,1-Trichloroethane	71-55-6	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	71-55-6	1,1,1-Trichloroethane	0.069	µg/L	1,1,1-Trichloroethane	71-55-6	0.069	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	71-55-6	1,1,1-Trichloroethane	0.069	µg/L	1,1,1-Trichloroethane	71-55-6	0.069	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	79-00-5	1,1,2-Trichloroethane	1	µg/L	1,1,2-Trichloroethane	79-00-5	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	79-00-5	1,1,2-Trichloroethane	1	µg/L	1,1,2-Trichloroethane	79-00-5	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	79-00-5	1,1,2-Trichloroethane	1	µg/L	1,1,2-Trichloroethane	79-00-5	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	79-00-5	1,1,2-Trichloroethane	1	µg/L	1,1,2-Trichloroethane	79-00-5	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	79-00-5	1,1,2-Trichloroethane	0.15	µg/L	1,1,2-Trichloroethane	79-00-5	0.15	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	79-00-5	1,1,2-Trichloroethane	1	µg/L	1,1,2-Trichloroethane	79-00-5	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	79-00-5	1,1,2-Trichloroethane	1	µg/L	1,1,2-Trichloroethane	79-00-5	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	79-00-5	1,1,2-Trichloroethane	1	µg/L	1,1,2-Trichloroethane	79-00-5	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	79-00-5	1,1,2-Trichloroethane	0.15	µg/L	1,1,2-Trichloroethane	79-00-5	0.15	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	79-00-5	1,1,2-Trichloroethane	0.15	µg/L	1,1,2-Trichloroethane	79-00-5	0.15	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	75-34-3	1,1-Dichloroethane	1	µg/L	1,1-Dichloroethane	75-34-3	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	75-34-3	1,1-Dichloroethane	1	µg/L	1,1-Dichloroethane	75-34-3	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	75-34-3	1,1-Dichloroethane	1	µg/L	1,1-Dichloroethane	75-34-3	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	75-34-3	1,1-Dichloroethane	1	µg/L	1,1-Dichloroethane	75-34-3	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	75-34-3	1,1-Dichloroethane	0.068	µg/L	1,1-Dichloroethane	75-34-3	0.068	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	75-34-3	1,1-Dichloroethane	1	µg/L	1,1-Dichloroethane	75-34-3	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	75-34-3	1,1-Dichloroethane	1	µg/L	1,1-Dichloroethane	75-34-3	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	75-34-3	1,1-Dichloroethane	1	µg/L	1,1-Dichloroethane	75-34-3	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	75-34-3	1,1-Dichloroethane	0.068	µg/L	1,1-Dichloroethane	75-34-3	0.068	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	75-34-3	1,1-Dichloroethane	0.068	µg/L	1,1-Dichloroethane	75-34-3	0.068	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	75-35-4	1,1-Dichloroethene	1	µg/L	1,1-Dichloroethene	75-35-4	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	75-35-4	1,1-Dichloroethene	1	µg/L	1,1-Dichloroethene	75-35-4	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	75-35-4	1,1-Dichloroethene	1	µg/L	1,1-Dichloroethene	75-35-4	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	75-35-4	1,1-Dichloroethene	1	µg/L	1,1-Dichloroethene	75-35-4	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	75-35-4	1,1-Dichloroethene	0.083	µg/L	1,1-Dichloroethene	75-35-4	0.083	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	75-35-4	1,1-Dichloroethene	1	µg/L	1,1-Dichloroethene	75-35-4	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	75-35-4	1,1-Dichloroethene	1	µg/L	1,1-Dichloroethene	75-35-4	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	75-35-4	1,1-Dichloroethene	1	µg/L	1,1-Dichloroethene	75-35-4	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	75-35-4	1,1-Dichloroethene	0.083	µg/L	1,1-Dichloroethene	75-35-4	0.083	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	75-35-4	1,1-Dichloroethene	0.083	µg/L	1,1-Dichloroethene	75-35-4	0.083	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	107-06-2	1,2-Dichloroethane	1	µg/L	1,2-Dichloroethane	107-06-2	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	107-06-2	1,2-Dichloroethane	1	µg/L	1,2-Dichloroethane	107-06-2	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	107-06-2	1,2-Dichloroethane	1	µg/L	1,2-Dichloroethane	107-06-2	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	107-06-2	1,2-Dichloroethane	1	µg/L	1,2-Dichloroethane	107-06-2	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	107-06-2	1,2-Dichloroethane	0.1	µg/L	1,2-Dichloroethane	107-06-2	0.1	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	107-06-2	1,2-Dichloroethane	1	µg/L	1,2-Dichloroethane	107-06-2	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	107-06-2	1,2-Dichloroethane	1	µg/L	1,2-Dichloroethane	107-06-2	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	107-06-2	1,2-Dichloroethane	1	µg/L	1,2-Dichloroethane	107-06-2	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	107-06-2	1,2-Dichloroethane	0.1	µg/L	1,2-Dichloroethane	107-06-2	0.1	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	107-06-2	1,2-Dichloroethane	0.1	µg/L	1,2-Dichloroethane	107-06-2	0.1	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	106-46-7	1,4-Dichlorobenzene	1	µg/L	1,4-Dichlorobenzene	106-46-7	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	106-46-7	1,4-Dichlorobenzene	1	µg/L	1,4-Dichlorobenzene	106-46-7	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	106-46-7	1,4-Dichlorobenzene	1	µg/L	1,4-Dichlorobenzene	106-46-7	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	106-46-7	1,4-Dichlorobenzene	1	µg/L	1,4-Dichlorobenzene	106-46-7	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	106-46-7	1,4-Dichlorobenzene	0.12	µg/L	1,4-Dichlorobenzene	106-46-7	0.12	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	106-46-7	1,4-Dichlorobenzene	1	µg/L	1,4-Dichlorobenzene	106-46-7	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	106-46-7	1,4-Dichlorobenzene	1	µg/L	1,4-Dichlorobenzene	106-46-7	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	106-46-7	1,4-Dichlorobenzene	1	µg/L	1,4-Dichlorobenzene	106-46-7	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	106-46-7	1,4-Dichlorobenzene	0.12	µg/L	1,4-Dichlorobenzene	106-46-7	0.12	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	106-46-7	1,4-Dichlorobenzene	0.12	µg/L	1,4-Dichlorobenzene	106-46-7	0.12	µg/L	U			TASL
B29TR5	399-1-59	10/26/11 12:00	N	123-91-1	1,4-Dioxane	7.6	µg/L	1,4-Dioxane	123-91-1	7.6	µg/L	U			TASL
B29VB7	399-6-3	10/26/11 11:15	N	123-91-1	1,4-Dioxane	7.6	µg/L	1,4-Dioxane	123-91-1	7.6	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	123-91-1	1,4-Dioxane	7.6	µg/L	1,4-Dioxane	123-91-1	7.6	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	71-36-3	1-Butanol	100	µg/L	1-Butanol	71-36-3	100	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	71-36-3	1-Butanol	100	µg/L	1-Butanol	71-36-3	100	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	71-36-3	1-Butanol	100	µg/L	1-Butanol	71-36-3	100	µg/L	U			WSCF

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	METHOD_NAME	MEDIA	UserFlag	ReviewDate	ReviewComment	ALTERNATE _SAMP_NUM	ANAL_DATE _TIME	ANALYSIS_ BATCH_NUM	COLL_MTHD	COLL_SAMP_SIZE	COLL_SAMP_ SIZE_UNITS	COLLECTION _PURPOSE	COMPOSITE _FLAG	COUNTING _ERROR	DATE_ASSIGNED	DATE_LAST_MODIFIED	DILUT_FACTOR
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	DISTILLATION_VOL	END_FLOW_RATE	EXPOSURE_HOURS	FIELD_QC_TYPE	FLOW_RATE_UNITS	LAB_COMMENT_CD	LAB_EXTRACTED_DATE	LAB_MATRIX_CODE	LAB_QC_TYPE	LAB_RECEIVED_DATE	LOAD_DATE_TIME	MATRIX	MIN_DETECTABLE_ACTIVITY
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	MOISTURE_DEC	OWNER_ID	PCNT_MOISTURE	PCNT_SOLIDS	REPORTING_LIMIT	REPORTING_LIMIT_TYPE	REQUIRED_DETECTION_LIMIT	RESULT_COMMENT	RESULT_RECEIVED_DATE	RETENTION_TIME	RRN	SAF_NUM	SAMP_ALIQUOT_SIZE
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777169	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777184	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777263	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777092	S11-012	5
B29TR5		PNLGW			0.069	MDL	1		11/23/11 10:52		104267229	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777237	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777207	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777139	S11-012	5
B29VB7		PNLGW			0.069	MDL	1		11/23/11 10:52		104267202	S11-012	25
B2DR82		PNLGW			0.069	MDL	1		11/23/11 10:52		104267242	S11-006	25
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777174	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777189	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777271	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777097	S11-012	5
B29TR5		PNLGW			0.15	MDL	1		11/23/11 10:52		104267230	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777242	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777212	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777144	S11-012	5
B29VB7		PNLGW			0.15	MDL	1		11/23/11 10:52		104267203	S11-012	25
B2DR82		PNLGW			0.15	MDL	1		11/23/11 10:52		104267243	S11-006	25
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777107	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777290	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777278	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777153	S11-012	5
B29TR5		PNLGW			0.068	MDL	1		11/23/11 10:52		104267239	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777228	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777080	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777089	S11-012	5
B29VB7		PNLGW			0.068	MDL	1		11/23/11 10:52		104267214	S11-012	25
B2DR82		PNLGW			0.068	MDL	1		11/23/11 10:52		104267262	S11-006	25
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777102	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777285	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777250	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777148	S11-012	5
B29TR5		PNLGW			0.083	MDL	1		11/23/11 10:52		104267189	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777196	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777075	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777084	S11-012	5
B29VB7		PNLGW			0.083	MDL	1		11/23/11 10:52		104267216	S11-012	25
B2DR82		PNLGW			0.083	MDL	1		11/23/11 10:52		104267264	S11-006	25
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777162	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777176	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777281	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777155	S11-012	5
B29TR5		PNLGW			0.1	MDL	1		11/23/11 10:52		104267188	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777230	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777082	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777091	S11-012	5
B29VB7		PNLGW			0.1	MDL	1		11/23/11 10:52		104267215	S11-012	25
B2DR82		PNLGW			0.1	MDL	1		11/23/11 10:52		104267263	S11-006	25
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777073	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777195	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777284	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777101	S11-012	5
B29TR5		PNLGW			0.12	MDL	1		11/23/11 10:52		104267238	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777248	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777147	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777257	S11-012	5
B29VB7		PNLGW			0.12	MDL	1		11/23/11 10:52		104267212	S11-012	25
B2DR82		PNLGW			0.12	MDL	1		11/23/11 10:52		104267261	S11-006	25
B29TR5		PNLGW			7.6	MDL	80		11/23/11 10:52		104267221	S11-012	25
B29VB7		PNLGW			7.6	MDL	80		11/23/11 10:52		104267193	S11-012	25
B2DR82		PNLGW			7.6	MDL	80		11/23/11 10:52		104267254	S11-006	25
B29TP0		PNLGW			100	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777068	S11-012	5
B29TP3		PNLGW			100	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777190	S11-012	5
B29TP6		PNLGW			100	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777272	S11-012	5

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	SAMP_ALIQUOT_UNITS	SAMP_COMMENT	SAMP_DATE_TIME_ON	SAMP_FROM	SAMP_INTERVAL_BOTTOM	SAMP_INTERVAL_TOP	SAMP_INTERVAL_UNITS	SAMP_ITEM	SAMP_MTHD	SDG_NUM
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	START_FLOW_RATE	STD_COUNTING_ERROR	STD_MDA	STD_REPORTING_LIMIT	STD_REQUIRED_DETECTION_LIMIT	STD_SAMP_INTV_BOT	STD_SAMP_INTV_TOP	STD_SAMP_INTV_UNITS	STD_TOTAL_ANAL_ERROR	TAG_ID	TIC_FLAG	TOTAL_ANAL_ERROR
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.069	1							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.069	1							
B2DR82				0.069	1							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.15	1							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.15	1							
B2DR82				0.15	1							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.068	1							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.068	1							
B2DR82				0.068	1							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.083	1							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.083	1							
B2DR82				0.083	1							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.1	1							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.1	1							
B2DR82				0.1	1							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.12	1							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.12	1							
B2DR82				0.12	1							
B29TR5				7.6	80							
B29VB7				7.6	80							
B2DR82				7.6	80							
B29TP0				100								
B29TP3				100								
B29TP6				100								

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	WELL_NAME	SAMP_DATE_TIME	FILTERED _FLAG	STD_CON_ID	STD_CON_LONG_NAME	STD_VALUE_RPTD	STD_ANAL_ UNITS_RPTD	CON_LONG_NAME	CON_ID	VALUE_RPTD	ANAL_UNITS _RPTD	LAB_ QUALIFIER	REVIEW_ QUALIFIER	VALIDATION _QUALIFIER	LAB_CODE
B29TP9	399-1-57	10/18/11 10:32	N	71-36-3	1-Butanol	100	µg/L	1-Butanol	71-36-3	100	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	71-36-3	1-Butanol	12	µg/L	1-Butanol	71-36-3	12	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	71-36-3	1-Butanol	100	µg/L	1-Butanol	71-36-3	100	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	71-36-3	1-Butanol	100	µg/L	1-Butanol	71-36-3	100	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	71-36-3	1-Butanol	100	µg/L	1-Butanol	71-36-3	100	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	71-36-3	1-Butanol	12	µg/L	1-Butanol	71-36-3	12	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	71-36-3	1-Butanol	12	µg/L	1-Butanol	71-36-3	12	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	78-93-3	2-Butanone	1	µg/L	2-Butanone	78-93-3	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	78-93-3	2-Butanone	1	µg/L	2-Butanone	78-93-3	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	78-93-3	2-Butanone	1	µg/L	2-Butanone	78-93-3	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	78-93-3	2-Butanone	1	µg/L	2-Butanone	78-93-3	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	78-93-3	2-Butanone	0.52	µg/L	2-Butanone	78-93-3	0.52	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	78-93-3	2-Butanone	1	µg/L	2-Butanone	78-93-3	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	78-93-3	2-Butanone	1	µg/L	2-Butanone	78-93-3	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	78-93-3	2-Butanone	1	µg/L	2-Butanone	78-93-3	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	78-93-3	2-Butanone	0.52	µg/L	2-Butanone	78-93-3	0.52	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	78-93-3	2-Butanone	0.52	µg/L	2-Butanone	78-93-3	0.52	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	108-10-1	4-Methyl-2-pentanone	1	µg/L	4-Methyl-2-pentanone	108-10-1	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	108-10-1	4-Methyl-2-pentanone	1	µg/L	4-Methyl-2-pentanone	108-10-1	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	108-10-1	4-Methyl-2-pentanone	1	µg/L	4-Methyl-2-pentanone	108-10-1	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	108-10-1	4-Methyl-2-pentanone	1	µg/L	4-Methyl-2-pentanone	108-10-1	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	108-10-1	4-Methyl-2-pentanone	0.12	µg/L	4-Methyl-2-pentanone	108-10-1	0.12	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	108-10-1	4-Methyl-2-pentanone	1	µg/L	4-Methyl-2-pentanone	108-10-1	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	108-10-1	4-Methyl-2-pentanone	1	µg/L	4-Methyl-2-pentanone	108-10-1	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	108-10-1	4-Methyl-2-pentanone	1	µg/L	4-Methyl-2-pentanone	108-10-1	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	108-10-1	4-Methyl-2-pentanone	0.12	µg/L	4-Methyl-2-pentanone	108-10-1	0.12	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	108-10-1	4-Methyl-2-pentanone	0.12	µg/L	4-Methyl-2-pentanone	108-10-1	0.12	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	67-64-1	Acetone	1	µg/L	Acetone	67-64-1	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	67-64-1	Acetone	1	µg/L	Acetone	67-64-1	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	67-64-1	Acetone	1	µg/L	Acetone	67-64-1	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	67-64-1	Acetone	1	µg/L	Acetone	67-64-1	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	67-64-1	Acetone	0.34	µg/L	Acetone	67-64-1	0.34	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	67-64-1	Acetone	1	µg/L	Acetone	67-64-1	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	67-64-1	Acetone	1	µg/L	Acetone	67-64-1	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	67-64-1	Acetone	1	µg/L	Acetone	67-64-1	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	67-64-1	Acetone	0.34	µg/L	Acetone	67-64-1	0.34	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	67-64-1	Acetone	1.3	µg/L	Acetone	67-64-1	1.3	µg/L	J			TASL
B29TP0	399-1-54	10/18/11 11:13	N	ALKALINITY	Alkalinity	122000	µg/L	Alkalinity	ALKALINITY	122	mg/L				TASL
B29TP3	399-1-55	10/18/11 12:29	N	ALKALINITY	Alkalinity	120000	µg/L	Alkalinity	ALKALINITY	120	mg/L				TASL
B29TP6	399-1-56	10/18/11 11:50	N	ALKALINITY	Alkalinity	124000	µg/L	Alkalinity	ALKALINITY	124	mg/L				TASL
B29TP9	399-1-57	10/18/11 10:32	N	ALKALINITY	Alkalinity	135000	µg/L	Alkalinity	ALKALINITY	135	mg/L				TASL
B29TR5	399-1-59	10/26/11 12:00	N	ALKALINITY	Alkalinity	110000	µg/L	Alkalinity	ALKALINITY	110	mg/L				TASL
B2FWP0	399-1-62	10/19/11 10:39	N	ALKALINITY	Alkalinity	158000	µg/L	Alkalinity	ALKALINITY	158	mg/L				TASL
B2FWR0	399-1-64	10/19/11 11:26	N	ALKALINITY	Alkalinity	118000	µg/L	Alkalinity	ALKALINITY	118	mg/L				TASL
B29TT9	399-2-32	10/18/11 13:17	N	ALKALINITY	Alkalinity	122000	µg/L	Alkalinity	ALKALINITY	122	mg/L				TASL
B29TX6	399-3-33	10/18/11 9:45	N	ALKALINITY	Alkalinity	108000	µg/L	Alkalinity	ALKALINITY	108	mg/L				TASL
B29V98	399-4-15	10/18/11 8:52	N	ALKALINITY	Alkalinity	114000	µg/L	Alkalinity	ALKALINITY	114	mg/L				TASL
B29VB7	399-6-3	10/26/11 11:15	N	ALKALINITY	Alkalinity	131000	µg/L	Alkalinity	ALKALINITY	131	mg/L				TASL
B2DR82	399-6-5	10/20/11 10:22	N	ALKALINITY	Alkalinity	130000	µg/L	Alkalinity	ALKALINITY	130	mg/L				TASL
B29TN9	399-1-54	10/18/11 11:13	Y	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29TP3	399-1-55	10/18/11 12:29	N	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29TP6	399-1-56	10/18/11 11:50	N	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29TP9	399-1-57	10/18/11 10:32	N	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29TR4	399-1-59	10/26/11 12:00	Y	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29TR5	399-1-59	10/26/11 12:00	N	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29TX6	399-3-33	10/18/11 9:45	N	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	METHOD_NAME	MEDIA	UserFlag	ReviewDate	ReviewComment	ALTERNATE _SAMP_NUM	ANAL_DATE _TIME	ANALYSIS_ BATCH_NUM	COLL_MTHD	COLL_SAMP_SIZE	COLL_SAMP_ SIZE_UNITS	COLLECTION _PURPOSE	COMPOSITE _FLAG	COUNTING _ERROR	DATE_ASSIGNED	DATE_LAST_MODIFIED	DILUT_FACTOR
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	310.1_ALKALINITY	GW					10/31/11 0:00	6/22/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	310.1_ALKALINITY	GW					10/31/11 0:00	6/22/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	310.1_ALKALINITY	GW					10/31/11 0:00	6/22/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	310.1_ALKALINITY	GW					10/31/11 0:00	6/22/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	310.1_ALKALINITY	GW					11/7/11 0:00	6/24/89 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWP0	310.1_ALKALINITY	GW					10/31/11 0:00	6/22/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR0	310.1_ALKALINITY	GW					10/31/11 0:00	6/22/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT9	310.1_ALKALINITY	GW					10/31/11 0:00	6/22/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	310.1_ALKALINITY	GW					10/31/11 0:00	6/22/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29V98	310.1_ALKALINITY	GW					10/31/11 0:00	6/22/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	310.1_ALKALINITY	GW					11/7/11 0:00	6/24/89 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	310.1_ALKALINITY	GW					11/7/11 0:00	6/24/89 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TN9	6010_METALS_ICP	GW					11/9/11 14:57	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP0	6010_METALS_ICP	GW					11/9/11 13:19	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP2	6010_METALS_ICP	GW					11/9/11 15:02	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6010_METALS_ICP	GW					11/9/11 13:25	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP5	6010_METALS_ICP	GW					11/9/11 14:51	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6010_METALS_ICP	GW					11/9/11 13:14	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 15:29	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 13:41	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/9/11 17:01	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 20:35	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6010_METALS_ICP	GW					11/11/11 20:14	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP2	6010_METALS_ICP	GW					11/9/11 16:29	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP9	6010_METALS_ICP	GW					11/11/11 20:07	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/9/11 16:23	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT8	6010_METALS_ICP	GW					11/9/11 15:18	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	6010_METALS_ICP	GW					11/9/11 13:30	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6010_METALS_ICP	GW					11/9/11 12:42	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	DISTILLATION_VOL	END_FLOW_RATE	EXPOSURE_HOURS	FIELD_QC_TYPE	FLOW_RATE_UNITS	LAB_COMMENT_CD	LAB_EXTRACTED_DATE	LAB_MATRIX_CODE	LAB_QC_TYPE	LAB_RECEIVED_DATE	LOAD_DATE_TIME	MATRIX	MIN_DETECTABLE_ACTIVITY
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWP0								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR0								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	MOISTURE_DEC	OWNER_ID	PCNT_MOISTURE	PCNT_SOLIDS	REPORTING_LIMIT	REPORTING_LIMIT_TYPE	REQUIRED_DETECTION_LIMIT	RESULT_COMMENT	RESULT_RECEIVED_DATE	RETENTION_TIME	RRN	SAF_NUM	SAMP_ALIQUOT_SIZE
B29TP9		PNLGW			100	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777098	S11-012	5
B29TR5		PNLGW			12	MDL	40		11/23/11 10:52		104267233	S11-012	25
B29TT9		PNLGW			100	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777243	S11-012	5
B29TX6		PNLGW			100	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777213	S11-012	5
B29V98		PNLGW			100	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777252	S11-012	5
B29VB7		PNLGW			12	MDL	40		11/23/11 10:52		104267207	S11-012	25
B2DR82		PNLGW			12	MDL	40		11/23/11 10:52		104267247	S11-006	25
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777173	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777188	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777270	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777096	S11-012	5
B29TR5		PNLGW			0.52	MDL	5		11/23/11 10:52		104267234	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777241	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777211	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777143	S11-012	5
B29VB7		PNLGW			0.52	MDL	5		11/23/11 10:52		104267208	S11-012	25
B2DR82		PNLGW			0.52	MDL	5		11/23/11 10:52		104267248	S11-006	25
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777163	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777177	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777264	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777156	S11-012	5
B29TR5		PNLGW			0.12	MDL	5		11/23/11 10:52		104267224	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777231	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777083	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777133	S11-012	5
B29VB7		PNLGW			0.12	MDL	5		11/23/11 10:52		104267196	S11-012	25
B2DR82		PNLGW			0.12	MDL	5		11/23/11 10:52		104267257	S11-006	25
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777167	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777182	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777181	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777160	S11-012	5
B29TR5		PNLGW			0.34	MDL	2		11/23/11 10:52		104267220	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777235	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777205	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777137	S11-012	5
B29VB7		PNLGW			0.34	MDL	2		11/23/11 10:52		104267192	S11-012	25
B2DR82		PNLGW			0.34	MDL	2		11/23/11 10:52		104267253	S11-006	25
B29TP0		PNLGW			0.54	MDL	5		11/23/11 10:52		104266589	S11-012	50
B29TP3		PNLGW			0.54	MDL	5		11/23/11 10:52		104266593	S11-012	50
B29TP6		PNLGW			0.54	MDL	5		11/23/11 10:52		104266590	S11-012	50
B29TP9		PNLGW			0.54	MDL	5		11/23/11 10:52		104266588	S11-012	50
B29TR5		PNLGW			0.54	MDL	5		11/23/11 10:52		104266572	S11-012	50
B2FWP0		PNLGW			0.54	MDL	5		11/23/11 10:52		104266605	S11-009	50
B2FWR0		PNLGW			0.54	MDL	5		11/23/11 10:52		104266586	S11-009	50
B29TT9		PNLGW			0.54	MDL	5		11/23/11 10:52		104266594	S11-012	50
B29TX6		PNLGW			0.54	MDL	5		11/23/11 10:52		104266591	S11-012	50
B29V98		PNLGW			0.54	MDL	5		11/23/11 10:52		104266592	S11-012	50
B29VB7		PNLGW			0.54	MDL	5		11/23/11 10:52		104266584	S11-012	50
B2DR82		PNLGW			0.54	MDL	5		11/23/11 10:52		104266602	S11-006	50
B29TN9		PNLGW			4	MDL	60		11/23/11 10:52		104267064	S11-012	50
B29TP0		PNLGW			4	MDL	60		11/23/11 10:52		104267082	S11-012	50
B29TP2		PNLGW			4	MDL	60		11/23/11 10:52		104267100	S11-012	50
B29TP3		PNLGW			4	MDL	60		11/23/11 10:52		104267118	S11-012	50
B29TP5		PNLGW			4	MDL	60		11/23/11 10:52		104267154	S11-012	50
B29TP6		PNLGW			4	MDL	60		11/23/11 10:52		104267172	S11-012	50
B29TP8		PNLGW			4	MDL	60		11/23/11 10:52		104266969	S11-012	50
B29TP9		PNLGW			4	MDL	60		11/23/11 10:52		104266890	S11-012	50
B29TR4		PNLGW			4	MDL	60		11/23/11 10:52		104266607	S11-012	50
B29TR5		PNLGW			4	MDL	60		11/23/11 10:52		104266622	S11-012	50
B2FWN9		PNLGW			4	MDL	60		11/23/11 10:52		104266779	S11-009	50
B2FWP2		PNLGW			4	MDL	60		11/23/11 10:52		104266715	S11-009	50
B2FWP9		PNLGW			4	MDL	60		11/23/11 10:52		104266760	S11-009	50
B2FWR2		PNLGW			4	MDL	60		11/23/11 10:52		104266873	S11-009	50
B29TT8		PNLGW			4	MDL	60		11/23/11 10:52		104267040	S11-012	50
B29TT9		PNLGW			4	MDL	60		11/23/11 10:52		104266997	S11-012	50
B29TX6		PNLGW			4	MDL	60		11/23/11 10:52		104267176	S11-012	50

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	SAMP_ALIQUOT_UNITS	SAMP_COMMENT	SAMP_DATE_TIME_ON	SAMP_FROM	SAMP_INTERVAL_BOTTOM	SAMP_INTERVAL_TOP	SAMP_INTERVAL_UNITS	SAMP_ITEM	SAMP_MTHD	SDG_NUM
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWP0	mL	DIVERTED								SL1191
B2FWR0	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR4	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	START_FLOW_RATE	STD_COUNTING_ERROR	STD_MDA	STD_REPORTING_LIMIT	STD_REQUIRED_DETECTION_LIMIT	STD_SAMP_INTV_BOT	STD_SAMP_INTV_TOP	STD_SAMP_INTV_UNITS	STD_TOTAL_ANAL_ERROR	TAG_ID	TIC_FLAG	TOTAL_ANAL_ERROR
B29TP9				100								
B29TR5				12	40							
B29TT9				100								
B29TX6				100								
B29V98				100								
B29VB7				12	40							
B2DR82				12	40							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.52	5							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.52	5							
B2DR82				0.52	5							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.12	5							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.12	5							
B2DR82				0.12	5							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.34	2							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.34	2							
B2DR82				0.34	2							
B29TP0				540	5000							
B29TP3				540	5000							
B29TP6				540	5000							
B29TP9				540	5000							
B29TR5				540	5000							
B2FWP0				540	5000							
B2FWR0				540	5000							
B29TT9				540	5000							
B29TX6				540	5000							
B29V98				540	5000							
B29VB7				540	5000							
B2DR82				540	5000							
B29TN9				4	60							
B29TP0				4	60							
B29TP2				4	60							
B29TP3				4	60							
B29TP5				4	60							
B29TP6				4	60							
B29TP8				4	60							
B29TP9				4	60							
B29TR4				4	60							
B29TR5				4	60							
B2FWN9				4	60							
B2FWP2				4	60							
B2FWP9				4	60							
B2FWR2				4	60							
B29TT8				4	60							
B29TT9				4	60							
B29TX6				4	60							

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	WELL_NAME	SAMP_DATE_TIME	FILTERED _FLAG	STD_CON_ID	STD_CON_LONG_NAME	STD_VALUE_RPTD	STD_ANAL_ UNITS_RPTD	CON_LONG_NAME	CON_ID	VALUE_RPTD	ANAL_UNITS _RPTD	LAB_ QUALIFIER	REVIEW_ QUALIFIER	VALIDATION _QUALIFIER	LAB_CODE
B29YB4	399-3-33	10/18/11 9:45	Y	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29V97	399-4-15	10/18/11 8:52	Y	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29V98	399-4-15	10/18/11 8:52	N	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29VB7	399-6-3	10/26/11 11:15	N	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7440-36-0	Antimony	4	µg/L	Antimony	7440-36-0	4	µg/L	U			TASL
B29TN9	399-1-54	10/18/11 11:13	Y	7440-39-3	Barium	60.7	µg/L	Barium	7440-39-3	60.7	µg/L	B			TASL
B29TP0	399-1-54	10/18/11 11:13	N	7440-39-3	Barium	58.9	µg/L	Barium	7440-39-3	58.9	µg/L	B			TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7440-39-3	Barium	32.4	µg/L	Barium	7440-39-3	32.4	µg/L	B			TASL
B29TP3	399-1-55	10/18/11 12:29	N	7440-39-3	Barium	31.9	µg/L	Barium	7440-39-3	31.9	µg/L	B			TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7440-39-3	Barium	55.6	µg/L	Barium	7440-39-3	55.6	µg/L	B			TASL
B29TP6	399-1-56	10/18/11 11:50	N	7440-39-3	Barium	54	µg/L	Barium	7440-39-3	54	µg/L	B			TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7440-39-3	Barium	50.1	µg/L	Barium	7440-39-3	50.1	µg/L	B			TASL
B29TP9	399-1-57	10/18/11 10:32	N	7440-39-3	Barium	49	µg/L	Barium	7440-39-3	49	µg/L	B			TASL
B29TR5	399-1-59	10/26/11 12:00	N	7440-39-3	Barium	46.1	µg/L	Barium	7440-39-3	46.1	µg/L	B			TASL
B29TR4	399-1-59	10/26/11 12:00	Y	7440-39-3	Barium	48.7	µg/L	Barium	7440-39-3	48.7	µg/L	B			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7440-39-3	Barium	79.1	µg/L	Barium	7440-39-3	79.1	µg/L	B			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7440-39-3	Barium	82.6	µg/L	Barium	7440-39-3	82.6	µg/L	B			TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7440-39-3	Barium	53.9	µg/L	Barium	7440-39-3	53.9	µg/L	B			TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7440-39-3	Barium	56.6	µg/L	Barium	7440-39-3	56.6	µg/L	B			TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7440-39-3	Barium	59	µg/L	Barium	7440-39-3	59	µg/L	B			TASL
B29TT9	399-2-32	10/18/11 13:17	N	7440-39-3	Barium	58.4	µg/L	Barium	7440-39-3	58.4	µg/L	B			TASL
B29TX6	399-3-33	10/18/11 9:45	N	7440-39-3	Barium	75.6	µg/L	Barium	7440-39-3	75.6	µg/L	B			TASL
B29YB4	399-3-33	10/18/11 9:45	Y	7440-39-3	Barium	77.1	µg/L	Barium	7440-39-3	77.1	µg/L	B			TASL
B29V97	399-4-15	10/18/11 8:52	Y	7440-39-3	Barium	55.1	µg/L	Barium	7440-39-3	55.1	µg/L	B			TASL
B29V98	399-4-15	10/18/11 8:52	N	7440-39-3	Barium	52.5	µg/L	Barium	7440-39-3	52.5	µg/L	B			TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7440-39-3	Barium	50.6	µg/L	Barium	7440-39-3	50.6	µg/L	B			TASL
B29VB7	399-6-3	10/26/11 11:15	N	7440-39-3	Barium	49.5	µg/L	Barium	7440-39-3	49.5	µg/L	B			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7440-39-3	Barium	61.9	µg/L	Barium	7440-39-3	61.9	µg/L	B			TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7440-39-3	Barium	63.7	µg/L	Barium	7440-39-3	63.7	µg/L	B			TASL
B29TP0	399-1-54	10/18/11 11:13	N	71-43-2	Benzene	1	µg/L	Benzene	71-43-2	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	71-43-2	Benzene	1	µg/L	Benzene	71-43-2	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	71-43-2	Benzene	1	µg/L	Benzene	71-43-2	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	71-43-2	Benzene	1	µg/L	Benzene	71-43-2	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	71-43-2	Benzene	0.064	µg/L	Benzene	71-43-2	0.064	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	71-43-2	Benzene	1	µg/L	Benzene	71-43-2	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	71-43-2	Benzene	1	µg/L	Benzene	71-43-2	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	71-43-2	Benzene	1	µg/L	Benzene	71-43-2	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	71-43-2	Benzene	0.064	µg/L	Benzene	71-43-2	0.064	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	71-43-2	Benzene	0.064	µg/L	Benzene	71-43-2	0.064	µg/L	U			TASL
B29TN9	399-1-54	10/18/11 11:13	Y	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29TP3	399-1-55	10/18/11 12:29	N	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29TP6	399-1-56	10/18/11 11:50	N	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29TP9	399-1-57	10/18/11 10:32	N	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29TR4	399-1-59	10/26/11 12:00	Y	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29TR5	399-1-59	10/26/11 12:00	N	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29TX6	399-3-33	10/18/11 9:45	N	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29YB4	399-3-33	10/18/11 9:45	Y	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29V97	399-4-15	10/18/11 8:52	Y	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29V98	399-4-15	10/18/11 8:52	N	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29VB7	399-6-3	10/26/11 11:15	N	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7440-41-7	Beryllium	0.61	µg/L	Beryllium	7440-41-7	0.61	µg/L	U			TASL
B29WC0	399-1-54	10/18/11 11:13	N	24959-67-9	Bromide	170	µg/L	Bromide	24959-67-9	0.17	ug/mL	UD			WSCF

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	METHOD_NAME	MEDIA	UserFlag	ReviewDate	ReviewComment	ALTERNATE _SAMP_NUM	ANAL_DATE _TIME	ANALYSIS_ BATCH_NUM	COLL_MTHD	COLL_SAMP_SIZE	COLL_SAMP_ SIZE_UNITS	COLLECTION _PURPOSE	COMPOSITE _FLAG	COUNTING _ERROR	DATE_ASSIGNED	DATE_LAST_MODIFIED	DILUT_FACTOR
B29YB4	6010_METALS_ICP	GW					11/9/11 14:46	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/9/11 15:24	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29V98	6010_METALS_ICP	GW					11/9/11 13:36	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB6	6010_METALS_ICP	GW					11/9/11 16:56	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6010_METALS_ICP	GW					11/11/11 20:28	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	6010_METALS_ICP	GW					11/11/11 20:21	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B2DR84	6010_METALS_ICP	GW					11/9/11 16:34	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TN9	6010_METALS_ICP	GW					11/9/11 14:57	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP0	6010_METALS_ICP	GW					11/9/11 13:19	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP2	6010_METALS_ICP	GW					11/9/11 15:02	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6010_METALS_ICP	GW					11/9/11 13:25	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP5	6010_METALS_ICP	GW					11/9/11 14:51	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6010_METALS_ICP	GW					11/9/11 13:14	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 15:29	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 13:41	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 20:35	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/9/11 17:01	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6010_METALS_ICP	GW					11/11/11 20:14	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP2	6010_METALS_ICP	GW					11/9/11 16:29	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP9	6010_METALS_ICP	GW					11/11/11 20:07	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/9/11 16:23	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT8	6010_METALS_ICP	GW					11/9/11 15:18	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	6010_METALS_ICP	GW					11/9/11 13:30	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6010_METALS_ICP	GW					11/9/11 12:42	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 14:46	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/9/11 15:24	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29V98	6010_METALS_ICP	GW					11/9/11 13:36	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB6	6010_METALS_ICP	GW					11/9/11 16:56	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6010_METALS_ICP	GW					11/11/11 20:28	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	6010_METALS_ICP	GW					11/11/11 20:21	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B2DR84	6010_METALS_ICP	GW					11/9/11 16:34	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TN9	6010_METALS_ICP	GW					11/9/11 14:57	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP0	6010_METALS_ICP	GW					11/9/11 13:19	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP2	6010_METALS_ICP	GW					11/9/11 15:02	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6010_METALS_ICP	GW					11/9/11 13:25	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP5	6010_METALS_ICP	GW					11/9/11 14:51	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6010_METALS_ICP	GW					11/9/11 13:14	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 15:29	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 13:41	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/9/11 17:01	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 20:35	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6010_METALS_ICP	GW					11/11/11 20:14	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP2	6010_METALS_ICP	GW					11/9/11 16:29	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP9	6010_METALS_ICP	GW					11/11/11 20:07	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/9/11 16:23	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT8	6010_METALS_ICP	GW					11/9/11 15:18	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	6010_METALS_ICP	GW					11/9/11 13:30	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6010_METALS_ICP	GW					11/9/11 12:42	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 14:46	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/9/11 15:24	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29V98	6010_METALS_ICP	GW					11/9/11 13:36	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB6	6010_METALS_ICP	GW					11/9/11 16:56	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6010_METALS_ICP	GW					11/11/11 20:28	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	6010_METALS_ICP	GW					11/11/11 20:21	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B2DR84	6010_METALS_ICP	GW					11/9/11 16:34	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29WC0	300.0_ANIONS_IC	GW					10/18/11 19:07	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	DISTILLATION_VOL	END_FLOW_RATE	EXPOSURE_HOURS	FIELD_QC_TYPE	FLOW_RATE_UNITS	LAB_COMMENT_CD	LAB_EXTRACTED_DATE	LAB_MATRIX_CODE	LAB_QC_TYPE	LAB_RECEIVED_DATE	LOAD_DATE_TIME	MATRIX	MIN_DETECTABLE_ACTIVITY
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29WC0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	MOISTURE_DEC	OWNER_ID	PCNT_MOISTURE	PCNT_SOLIDS	REPORTING_LIMIT	REPORTING_LIMIT_TYPE	REQUIRED_DETECTION_LIMIT	RESULT_COMMENT	RESULT_RECEIVED_DATE	RETENTION_TIME	RRN	SAF_NUM	SAMP_ALIQUOT_SIZE
B29YB4		PNLGW			4	MDL	60		11/23/11 10:52		104267136	S11-012	50
B29V97		PNLGW			4	MDL	60		11/23/11 10:52		104266979	S11-012	50
B29V98		PNLGW			4	MDL	60		11/23/11 10:52		104267029	S11-012	50
B29VB6		PNLGW			4	MDL	60		11/23/11 10:52		104266695	S11-012	50
B29VB7		PNLGW			4	MDL	60		11/23/11 10:52		104266675	S11-012	50
B2DR82		PNLGW			4	MDL	60		11/23/11 10:52		104266677	S11-006	50
B2DR84		PNLGW			4	MDL	60		11/23/11 10:52		104266733	S11-006	50
B29TN9		PNLGW			4	MDL	200		11/23/11 10:52		104267065	S11-012	50
B29TP0		PNLGW			4	MDL	200		11/23/11 10:52		104267083	S11-012	50
B29TP2		PNLGW			4	MDL	200		11/23/11 10:52		104267101	S11-012	50
B29TP3		PNLGW			4	MDL	200		11/23/11 10:52		104267119	S11-012	50
B29TP5		PNLGW			4	MDL	200		11/23/11 10:52		104267155	S11-012	50
B29TP6		PNLGW			4	MDL	200		11/23/11 10:52		104267173	S11-012	50
B29TP8		PNLGW			4	MDL	200		11/23/11 10:52		104266970	S11-012	50
B29TP9		PNLGW			4	MDL	200		11/23/11 10:52		104266891	S11-012	50
B29TR5		PNLGW			4	MDL	200		11/23/11 10:52		104266623	S11-012	50
B29TR4		PNLGW			4	MDL	200		11/23/11 10:52		104266606	S11-012	50
B2FWN9		PNLGW			4	MDL	200		11/23/11 10:52		104266780	S11-009	50
B2FWP2		PNLGW			4	MDL	200		11/23/11 10:52		104266716	S11-009	50
B2FWP9		PNLGW			4	MDL	200		11/23/11 10:52		104266761	S11-009	50
B2FWR2		PNLGW			4	MDL	200		11/23/11 10:52		104266745	S11-009	50
B29TT8		PNLGW			4	MDL	200		11/23/11 10:52		104267041	S11-012	50
B29TT9		PNLGW			4	MDL	200		11/23/11 10:52		104266998	S11-012	50
B29TX6		PNLGW			4	MDL	200		11/23/11 10:52		104267177	S11-012	50
B29YB4		PNLGW			4	MDL	200		11/23/11 10:52		104267137	S11-012	50
B29V97		PNLGW			4	MDL	200		11/23/11 10:52		104267012	S11-012	50
B29V98		PNLGW			4	MDL	200		11/23/11 10:52		104267030	S11-012	50
B29VB6		PNLGW			4	MDL	200		11/23/11 10:52		104266696	S11-012	50
B29VB7		PNLGW			4	MDL	200		11/23/11 10:52		104266676	S11-012	50
B2DR82		PNLGW			4	MDL	200		11/23/11 10:52		104266692	S11-006	50
B2DR84		PNLGW			4	MDL	200		11/23/11 10:52		104266734	S11-006	50
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777104	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777287	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777275	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777150	S11-012	5
B29TR5		PNLGW			0.064	MDL	1		11/23/11 10:52		104267213	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777198	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777077	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777086	S11-012	5
B29VB7		PNLGW			0.064	MDL	1		11/23/11 10:52		104267197	S11-012	25
B2DR82		PNLGW			0.064	MDL	1		11/23/11 10:52		104267258	S11-006	25
B29TN9		PNLGW			0.61	MDL	5		11/23/11 10:52		104267066	S11-012	50
B29TP0		PNLGW			0.61	MDL	5		11/23/11 10:52		104267084	S11-012	50
B29TP2		PNLGW			0.61	MDL	5		11/23/11 10:52		104267102	S11-012	50
B29TP3		PNLGW			0.61	MDL	5		11/23/11 10:52		104267120	S11-012	50
B29TP5		PNLGW			0.61	MDL	5		11/23/11 10:52		104267156	S11-012	50
B29TP6		PNLGW			0.61	MDL	5		11/23/11 10:52		104267174	S11-012	50
B29TP8		PNLGW			0.61	MDL	5		11/23/11 10:52		104266971	S11-012	50
B29TP9		PNLGW			0.61	MDL	5		11/23/11 10:52		104266892	S11-012	50
B29TR4		PNLGW			0.61	MDL	5		11/23/11 10:52		104266653	S11-012	50
B29TR5		PNLGW			0.61	MDL	5		11/23/11 10:52		104266624	S11-012	50
B2FWN9		PNLGW			0.61	MDL	5		11/23/11 10:52		104266781	S11-009	50
B2FWP2		PNLGW			0.61	MDL	5		11/23/11 10:52		104266717	S11-009	50
B2FWP9		PNLGW			0.61	MDL	5		11/23/11 10:52		104266762	S11-009	50
B2FWR2		PNLGW			0.61	MDL	5		11/23/11 10:52		104266746	S11-009	50
B29TT8		PNLGW			0.61	MDL	5		11/23/11 10:52		104267042	S11-012	50
B29TT9		PNLGW			0.61	MDL	5		11/23/11 10:52		104266999	S11-012	50
B29TX6		PNLGW			0.61	MDL	5		11/23/11 10:52		104267178	S11-012	50
B29YB4		PNLGW			0.61	MDL	5		11/23/11 10:52		104267138	S11-012	50
B29V97		PNLGW			0.61	MDL	5		11/23/11 10:52		104267013	S11-012	50
B29V98		PNLGW			0.61	MDL	5		11/23/11 10:52		104267031	S11-012	50
B29VB6		PNLGW			0.61	MDL	5		11/23/11 10:52		104266697	S11-012	50
B29VB7		PNLGW			0.61	MDL	5		11/23/11 10:52		104266679	S11-012	50
B2DR82		PNLGW			0.61	MDL	5		11/23/11 10:52		104266658	S11-006	50
B2DR84		PNLGW			0.61	MDL	5		11/23/11 10:52		104266735	S11-006	50
B29WC0		PNLGW			0.17	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777045	S11-012	10

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	SAMP_ALIQUOT_UNITS	SAMP_COMMENT	SAMP_DATE_TIME_ON	SAMP_FROM	SAMP_INTERVAL_BOTTOM	SAMP_INTERVAL_TOP	SAMP_INTERVAL_UNITS	SAMP_ITEM	SAMP_MTHD	SDG_NUM
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR5	mL	DIVERTED								SL1191
B29TR4	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR4	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191
B29WC0	mL									WSCF113380

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	START_FLOW_RATE	STD_COUNTING_ERROR	STD_MDA	STD_REPORTING_LIMIT	STD_REQUIRED_DETECTION_LIMIT	STD_SAMP_INTV_BOT	STD_SAMP_INTV_TOP	STD_SAMP_INTV_UNITS	STD_TOTAL_ANAL_ERROR	TAG_ID	TIC_FLAG	TOTAL_ANAL_ERROR
B29YB4				4	60							
B29V97				4	60							
B29V98				4	60							
B29VB6				4	60							
B29VB7				4	60							
B2DR82				4	60							
B2DR84				4	60							
B29TN9				4	200							
B29TP0				4	200							
B29TP2				4	200							
B29TP3				4	200							
B29TP5				4	200							
B29TP6				4	200							
B29TP8				4	200							
B29TP9				4	200							
B29TR5				4	200							
B29TR4				4	200							
B2FWN9				4	200							
B2FWP2				4	200							
B2FWP9				4	200							
B2FWR2				4	200							
B29TT8				4	200							
B29TT9				4	200							
B29TX6				4	200							
B29YB4				4	200							
B29V97				4	200							
B29V98				4	200							
B29VB6				4	200							
B29VB7				4	200							
B2DR82				4	200							
B2DR84				4	200							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.064	1							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.064	1							
B2DR82				0.064	1							
B29TN9				0.61	5							
B29TP0				0.61	5							
B29TP2				0.61	5							
B29TP3				0.61	5							
B29TP5				0.61	5							
B29TP6				0.61	5							
B29TP8				0.61	5							
B29TP9				0.61	5							
B29TR4				0.61	5							
B29TR5				0.61	5							
B2FWN9				0.61	5							
B2FWP2				0.61	5							
B2FWP9				0.61	5							
B2FWR2				0.61	5							
B29TT8				0.61	5							
B29TT9				0.61	5							
B29TX6				0.61	5							
B29YB4				0.61	5							
B29V97				0.61	5							
B29V98				0.61	5							
B29VB6				0.61	5							
B29VB7				0.61	5							
B2DR82				0.61	5							
B2DR84				0.61	5							
B29WC0				170								

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	WELL_NAME	SAMP_DATE_TIME	FILTERED _FLAG	STD_CON_ID	STD_CON_LONG_NAME	STD_VALUE_RPTD	STD_ANAL_ UNITS_RPTD	CON_LONG_NAME	CON_ID	VALUE_RPTD	ANAL_UNITS _RPTD	LAB_ QUALIFIER	REVIEW_ QUALIFIER	VALIDATION _QUALIFIER	LAB_CODE
B29WC1	399-1-55	10/18/11 12:29	N	24959-67-9	Bromide	170	µg/L	Bromide	24959-67-9	0.17	ug/mL	UD			WSCF
B29WC2	399-1-56	10/18/11 11:50	N	24959-67-9	Bromide	170	µg/L	Bromide	24959-67-9	0.17	ug/mL	UD			WSCF
B29WC3	399-1-57	10/18/11 10:32	N	24959-67-9	Bromide	170	µg/L	Bromide	24959-67-9	0.17	ug/mL	UD			WSCF
B29WC5	399-1-59	10/26/11 12:00	N	24959-67-9	Bromide	160	µg/L	Bromide	24959-67-9	0.16	mg/L	B			TASL
B2FWP1	399-1-62	10/19/11 10:39	N	24959-67-9	Bromide	170	µg/L	Bromide	24959-67-9	0.17	ug/mL	UD			WSCF
B2FWR1	399-1-64	10/19/11 11:26	N	24959-67-9	Bromide	170	µg/L	Bromide	24959-67-9	0.17	ug/mL	UD			WSCF
B29WC9	399-2-32	10/18/11 13:17	N	24959-67-9	Bromide	170	µg/L	Bromide	24959-67-9	0.17	ug/mL	UD			WSCF
B29WD5	399-3-33	10/18/11 9:45	N	24959-67-9	Bromide	170	µg/L	Bromide	24959-67-9	0.17	ug/mL	UD			WSCF
B29WD6	399-4-15	10/18/11 8:52	N	24959-67-9	Bromide	188	µg/L	Bromide	24959-67-9	0.188	ug/mL	BD			WSCF
B29WD7	399-6-3	10/26/11 11:15	N	24959-67-9	Bromide	240	µg/L	Bromide	24959-67-9	0.24	mg/L	B			TASL
B2DR83	399-6-5	10/26/11 10:22	N	24959-67-9	Bromide	130	µg/L	Bromide	24959-67-9	0.13	mg/L	B			TASL
B29TN9	399-1-54	10/18/11 11:13	Y	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29TP3	399-1-55	10/18/11 12:29	N	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29TP6	399-1-56	10/18/11 11:50	N	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29TP9	399-1-57	10/18/11 10:32	N	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29TR4	399-1-59	10/26/11 12:00	Y	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29TR5	399-1-59	10/26/11 12:00	N	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29TX6	399-3-33	10/18/11 9:45	N	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29YB4	399-3-33	10/18/11 9:45	Y	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29V97	399-4-15	10/18/11 8:52	Y	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29V98	399-4-15	10/18/11 8:52	N	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29VB7	399-6-3	10/26/11 11:15	N	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7440-43-9	Cadmium	0.91	µg/L	Cadmium	7440-43-9	0.91	µg/L	U			TASL
B29TN9	399-1-54	10/18/11 11:13	Y	7440-70-2	Calcium	48200	µg/L	Calcium	7440-70-2	48200	µg/L	D			TASL
B29TP0	399-1-54	10/18/11 11:13	N	7440-70-2	Calcium	48900	µg/L	Calcium	7440-70-2	48900	µg/L	D			TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7440-70-2	Calcium	49000	µg/L	Calcium	7440-70-2	49000	µg/L	D			TASL
B29TP3	399-1-55	10/18/11 12:29	N	7440-70-2	Calcium	50200	µg/L	Calcium	7440-70-2	50200	µg/L	D			TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7440-70-2	Calcium	47000	µg/L	Calcium	7440-70-2	47000	µg/L	D			TASL
B29TP6	399-1-56	10/18/11 11:50	N	7440-70-2	Calcium	49200	µg/L	Calcium	7440-70-2	49200	µg/L				TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7440-70-2	Calcium	29800	µg/L	Calcium	7440-70-2	29800	µg/L				TASL
B29TP9	399-1-57	10/18/11 10:32	N	7440-70-2	Calcium	28800	µg/L	Calcium	7440-70-2	28800	µg/L				TASL
B29TR4	399-1-59	10/26/11 12:00	Y	7440-70-2	Calcium	48900	µg/L	Calcium	7440-70-2	48900	µg/L				TASL
B29TR5	399-1-59	10/26/11 12:00	N	7440-70-2	Calcium	47700	µg/L	Calcium	7440-70-2	47700	µg/L	N			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7440-70-2	Calcium	74000	µg/L	Calcium	7440-70-2	74000	µg/L	DN			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7440-70-2	Calcium	65800	µg/L	Calcium	7440-70-2	65800	µg/L	D			TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7440-70-2	Calcium	49200	µg/L	Calcium	7440-70-2	49200	µg/L	N			TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7440-70-2	Calcium	48000	µg/L	Calcium	7440-70-2	48000	µg/L	D			TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7440-70-2	Calcium	50600	µg/L	Calcium	7440-70-2	50600	µg/L	D			TASL
B29TT9	399-2-32	10/18/11 13:17	N	7440-70-2	Calcium	51500	µg/L	Calcium	7440-70-2	51500	µg/L	D			TASL
B29TX6	399-3-33	10/18/11 9:45	N	7440-70-2	Calcium	47200	µg/L	Calcium	7440-70-2	47200	µg/L				TASL
B29YB4	399-3-33	10/18/11 9:45	Y	7440-70-2	Calcium	48200	µg/L	Calcium	7440-70-2	48200	µg/L				TASL
B29V97	399-4-15	10/18/11 8:52	Y	7440-70-2	Calcium	52300	µg/L	Calcium	7440-70-2	52300	µg/L	D			TASL
B29V98	399-4-15	10/18/11 8:52	N	7440-70-2	Calcium	50700	µg/L	Calcium	7440-70-2	50700	µg/L	D			TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7440-70-2	Calcium	54000	µg/L	Calcium	7440-70-2	54000	µg/L	D			TASL
B29VB7	399-6-3	10/26/11 11:15	N	7440-70-2	Calcium	58800	µg/L	Calcium	7440-70-2	58800	µg/L	DN			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7440-70-2	Calcium	59700	µg/L	Calcium	7440-70-2	59700	µg/L	DN			TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7440-70-2	Calcium	54100	µg/L	Calcium	7440-70-2	54100	µg/L	D			TASL
B29TP0	399-1-54	10/18/11 11:13	N	75-15-0	Carbon disulfide	1	µg/L	Carbon disulfide	75-15-0	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	75-15-0	Carbon disulfide	1	µg/L	Carbon disulfide	75-15-0	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	75-15-0	Carbon disulfide	1	µg/L	Carbon disulfide	75-15-0	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	75-15-0	Carbon disulfide	1	µg/L	Carbon disulfide	75-15-0	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	75-15-0	Carbon disulfide	0.051	µg/L	Carbon disulfide	75-15-0	0.051	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	75-15-0	Carbon disulfide	1	µg/L	Carbon disulfide	75-15-0	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	75-15-0	Carbon disulfide	1	µg/L	Carbon disulfide	75-15-0	1	µg/L	U			WSCF

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	METHOD_NAME	MEDIA	UserFlag	ReviewDate	ReviewComment	ALTERNATE _SAMP_NUM	ANAL_DATE _TIME	ANALYSIS_ BATCH_NUM	COLL_MTHD	COLL_SAMP_SIZE	COLL_SAMP_ SIZE_UNITS	COLLECTION _PURPOSE	COMPOSITE _FLAG	COUNTING _ERROR	DATE_ASSIGNED	DATE_LAST_MODIFIED	DILUT_FACTOR
B29WC1	300.0_ANIONS_IC	GW					10/18/11 18:11	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC2	300.0_ANIONS_IC	GW					10/18/11 18:48	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC3	300.0_ANIONS_IC	GW					10/18/11 19:26	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC5	300.0_ANIONS_IC	GW					10/29/11 7:06	6/7/95 0:00				R			12/7/10 12:22	11/28/11 7:17	1
B2FWP1	300.0_ANIONS_IC	GW					10/19/11 19:26	10/28/23 0:00				R			7/22/11 14:13	11/7/11 9:19	2
B2FWR1	300.0_ANIONS_IC	GW					10/19/11 19:07	10/28/23 0:00				R			7/22/11 14:13	11/7/11 9:19	2
B29WC9	300.0_ANIONS_IC	GW					10/18/11 18:30	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD5	300.0_ANIONS_IC	GW					10/18/11 19:45	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD6	300.0_ANIONS_IC	GW					10/18/11 20:04	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD7	300.0_ANIONS_IC	GW					10/29/11 5:02	6/7/95 0:00				R			12/7/10 12:22	11/28/11 7:17	1
B2DR83	300.0_ANIONS_IC	GW					10/28/11 9:26	6/7/95 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TN9	6010_METALS_ICP	GW					11/9/11 14:57	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP0	6010_METALS_ICP	GW					11/9/11 13:19	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP2	6010_METALS_ICP	GW					11/9/11 15:02	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6010_METALS_ICP	GW					11/9/11 13:25	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP5	6010_METALS_ICP	GW					11/9/11 14:51	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6010_METALS_ICP	GW					11/9/11 13:14	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 15:29	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 13:41	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/9/11 17:01	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 20:35	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6010_METALS_ICP	GW					11/11/11 20:14	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP2	6010_METALS_ICP	GW					11/9/11 16:29	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP9	6010_METALS_ICP	GW					11/11/11 20:07	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/9/11 16:23	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT8	6010_METALS_ICP	GW					11/9/11 15:18	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	6010_METALS_ICP	GW					11/9/11 13:30	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6010_METALS_ICP	GW					11/9/11 12:42	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 14:46	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/9/11 15:24	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29V98	6010_METALS_ICP	GW					11/9/11 13:36	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB6	6010_METALS_ICP	GW					11/9/11 16:56	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6010_METALS_ICP	GW					11/11/11 20:28	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	6010_METALS_ICP	GW					11/11/11 20:21	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B2DR84	6010_METALS_ICP	GW					11/9/11 16:34	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TN9	6010_METALS_ICP	GW					11/10/11 12:44	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	5
B29TP0	6010_METALS_ICP	GW					11/10/11 12:06	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	5
B29TP2	6010_METALS_ICP	GW					11/10/11 13:00	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	5
B29TP3	6010_METALS_ICP	GW					11/10/11 12:12	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	5
B29TP5	6010_METALS_ICP	GW					11/10/11 12:39	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	5
B29TP6	6010_METALS_ICP	GW					11/9/11 13:14	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 15:29	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 13:41	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/9/11 17:01	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 20:35	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6010_METALS_ICP	GW					11/11/11 17:16	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	5
B2FWP2	6010_METALS_ICP	GW					11/10/11 13:33	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	5
B2FWP9	6010_METALS_ICP	GW					11/11/11 20:07	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/10/11 13:27	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	5
B29TT8	6010_METALS_ICP	GW					11/10/11 13:06	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	5
B29TT9	6010_METALS_ICP	GW					11/10/11 12:17	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	5
B29TX6	6010_METALS_ICP	GW					11/9/11 12:42	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 14:46	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/10/11 13:11	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	5
B29V98	6010_METALS_ICP	GW					11/10/11 12:22	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	5
B29VB6	6010_METALS_ICP	GW					11/10/11 14:11	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	5
B29VB7	6010_METALS_ICP	GW					11/11/11 17:30	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	5
B2DR82	6010_METALS_ICP	GW					11/11/11 17:23	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	5
B2DR84	6010_METALS_ICP	GW					11/10/11 13:38	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	5
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	DISTILLATION_VOL	END_FLOW_RATE	EXPOSURE_HOURS	FIELD_QC_TYPE	FLOW_RATE_UNITS	LAB_COMMENT_CD	LAB_EXTRACTED_DATE	LAB_MATRIX_CODE	LAB_QC_TYPE	LAB_RECEIVED_DATE	LOAD_DATE_TIME	MATRIX	MIN_DETECTABLE_ACTIVITY
B29WC1								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC2								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWP1								WATER		10/19/11 0:00	11/7/11 9:19	WATER	
B2FWR1								WATER		10/19/11 0:00	11/7/11 9:19	WATER	
B29WC9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD5								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR83								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	MOISTURE_DEC	OWNER_ID	PCNT_MOISTURE	PCNT_SOLIDS	REPORTING_LIMIT	REPORTING_LIMIT_TYPE	REQUIRED_DETECTION_LIMIT	RESULT_COMMENT	RESULT_RECEIVED_DATE	RETENTION_TIME	RRN	SAF_NUM	SAMP_ALIQUOT_SIZE
B29WC1		PNLGW			0.17	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777113	S11-012	10
B29WC2		PNLGW			0.17	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777038	S11-012	10
B29WC3		PNLGW			0.17	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777057	S11-012	10
B29WC5		PNLGW			0.025	MDL	0.25		11/23/11 10:52		104266581	S11-012	5
B2FWP1		PNLGW			0.17	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:42		101776710	S11-009	10
B2FWR1		PNLGW			0.17	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:42		101776713	S11-009	10
B29WC9		PNLGW			0.17	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777120	S11-012	10
B29WD5		PNLGW			0.17	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777064	S11-012	10
B29WD6		PNLGW			0.17	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777053	S11-012	10
B29WD7		PNLGW			0.025	MDL	0.25		11/23/11 10:52		104266574	S11-012	5
B2DR83		PNLGW			0.025	MDL	0.25		11/23/11 10:52		104266599	S11-006	5
B29TN9		PNLGW			0.91	MDL	5		11/23/11 10:52		104267067	S11-012	50
B29TP0		PNLGW			0.91	MDL	5		11/23/11 10:52		104267085	S11-012	50
B29TP2		PNLGW			0.91	MDL	5		11/23/11 10:52		104267103	S11-012	50
B29TP3		PNLGW			0.91	MDL	5		11/23/11 10:52		104267121	S11-012	50
B29TP5		PNLGW			0.91	MDL	5		11/23/11 10:52		104267157	S11-012	50
B29TP6		PNLGW			0.91	MDL	5		11/23/11 10:52		104267175	S11-012	50
B29TP8		PNLGW			0.91	MDL	5		11/23/11 10:52		104266972	S11-012	50
B29TP9		PNLGW			0.91	MDL	5		11/23/11 10:52		104266893	S11-012	50
B29TR4		PNLGW			0.91	MDL	5		11/23/11 10:52		104266608	S11-012	50
B29TR5		PNLGW			0.91	MDL	5		11/23/11 10:52		104266625	S11-012	50
B2FWN9		PNLGW			0.91	MDL	5		11/23/11 10:52		104266782	S11-009	50
B2FWP2		PNLGW			0.91	MDL	5		11/23/11 10:52		104266718	S11-009	50
B2FWP9		PNLGW			0.91	MDL	5		11/23/11 10:52		104266763	S11-009	50
B2FWR2		PNLGW			0.91	MDL	5		11/23/11 10:52		104266747	S11-009	50
B29TT8		PNLGW			0.91	MDL	5		11/23/11 10:52		104267043	S11-012	50
B29TT9		PNLGW			0.91	MDL	5		11/23/11 10:52		104267000	S11-012	50
B29TX6		PNLGW			0.91	MDL	5		11/23/11 10:52		104267187	S11-012	50
B29YB4		PNLGW			0.91	MDL	5		11/23/11 10:52		104267139	S11-012	50
B29V97		PNLGW			0.91	MDL	5		11/23/11 10:52		104267014	S11-012	50
B29V98		PNLGW			0.91	MDL	5		11/23/11 10:52		104267032	S11-012	50
B29VB6		PNLGW			0.91	MDL	5		11/23/11 10:52		104266698	S11-012	50
B29VB7		PNLGW			0.91	MDL	5		11/23/11 10:52		104266680	S11-012	50
B2DR82		PNLGW			0.91	MDL	5		11/23/11 10:52		104266659	S11-006	50
B2DR84		PNLGW			0.91	MDL	5		11/23/11 10:52		104266736	S11-006	50
B29TN9		PNLGW			530	MDL	25000		11/23/11 10:52		104267068	S11-012	50
B29TP0		PNLGW			530	MDL	25000		11/23/11 10:52		104267086	S11-012	50
B29TP2		PNLGW			530	MDL	25000		11/23/11 10:52		104267104	S11-012	50
B29TP3		PNLGW			530	MDL	25000		11/23/11 10:52		104267123	S11-012	50
B29TP5		PNLGW			530	MDL	25000		11/23/11 10:52		104267158	S11-012	50
B29TP6		PNLGW			106	MDL	5000		11/23/11 10:52		104267049	S11-012	50
B29TP8		PNLGW			106	MDL	5000		11/23/11 10:52		104266973	S11-012	50
B29TP9		PNLGW			106	MDL	5000		11/23/11 10:52		104266894	S11-012	50
B29TR4		PNLGW			106	MDL	5000		11/23/11 10:52		104266609	S11-012	50
B29TR5		PNLGW			106	MDL	5000		11/23/11 10:52		104266626	S11-012	50
B2FWN9		PNLGW			530	MDL	25000		11/23/11 10:52		104266783	S11-009	50
B2FWP2		PNLGW			530	MDL	25000		11/23/11 10:52		104266719	S11-009	50
B2FWP9		PNLGW			106	MDL	5000		11/23/11 10:52		104266764	S11-009	50
B2FWR2		PNLGW			530	MDL	25000		11/23/11 10:52		104266748	S11-009	50
B29TT8		PNLGW			530	MDL	25000		11/23/11 10:52		104266960	S11-012	50
B29TT9		PNLGW			530	MDL	25000		11/23/11 10:52		104267001	S11-012	50
B29TX6		PNLGW			106	MDL	5000		11/23/11 10:52		104267180	S11-012	50
B29YB4		PNLGW			106	MDL	5000		11/23/11 10:52		104267140	S11-012	50
B29V97		PNLGW			530	MDL	25000		11/23/11 10:52		104267015	S11-012	50
B29V98		PNLGW			530	MDL	25000		11/23/11 10:52		104267033	S11-012	50
B29VB6		PNLGW			530	MDL	25000		11/23/11 10:52		104266699	S11-012	50
B29VB7		PNLGW			530	MDL	25000		11/23/11 10:52		104266681	S11-012	50
B2DR82		PNLGW			530	MDL	25000		11/23/11 10:52		104266660	S11-006	50
B2DR84		PNLGW			530	MDL	25000		11/23/11 10:52		104266737	S11-006	50
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777172	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777187	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777269	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777095	S11-012	5
B29TR5		PNLGW			0.051	MDL	1		11/23/11 10:52		104267235	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777240	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777210	S11-012	5

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	SAMP_ALIQUOT_UNITS	SAMP_COMMENT	SAMP_DATE_TIME_ON	SAMP_FROM	SAMP_INTERVAL_BOTTOM	SAMP_INTERVAL_TOP	SAMP_INTERVAL_UNITS	SAMP_ITEM	SAMP_MTHD	SDG_NUM
B29WC1	mL									WSCF113380
B29WC2	mL									WSCF113380
B29WC3	mL									WSCF113380
B29WC5	mL	DIVERTED								SL1191
B2FWP1	mL									WSCF113385
B2FWR1	mL									WSCF113385
B29WC9	mL									WSCF113380
B29WD5	mL									WSCF113380
B29WD6	mL									WSCF113380
B29WD7	mL	DIVERTED								SL1191
B2DR83	mL	DIVERTED								SL1191
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR4	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR4	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	START_FLOW_RATE	STD_COUNTING_ERROR	STD_MDA	STD_REPORTING_LIMIT	STD_REQUIRED_DETECTION_LIMIT	STD_SAMP_INTV_BOT	STD_SAMP_INTV_TOP	STD_SAMP_INTV_UNITS	STD_TOTAL_ANAL_ERROR	TAG_ID	TIC_FLAG	TOTAL_ANAL_ERROR
B29WC1				170								
B29WC2				170								
B29WC3				170								
B29WC5				25	250							
B2FWP1				170								
B2FWR1				170								
B29WC9				170								
B29WD5				170								
B29WD6				170								
B29WD7				25	250							
B2DR83				25	250							
B29TN9				0.91	5							
B29TP0				0.91	5							
B29TP2				0.91	5							
B29TP3				0.91	5							
B29TP5				0.91	5							
B29TP6				0.91	5							
B29TP8				0.91	5							
B29TP9				0.91	5							
B29TR4				0.91	5							
B29TR5				0.91	5							
B2FWN9				0.91	5							
B2FWP2				0.91	5							
B2FWP9				0.91	5							
B2FWR2				0.91	5							
B29TT8				0.91	5							
B29TT9				0.91	5							
B29TX6				0.91	5							
B29YB4				0.91	5							
B29V97				0.91	5							
B29V98				0.91	5							
B29VB6				0.91	5							
B29VB7				0.91	5							
B2DR82				0.91	5							
B2DR84				0.91	5							
B29TN9				530	25000							
B29TP0				530	25000							
B29TP2				530	25000							
B29TP3				530	25000							
B29TP5				530	25000							
B29TP6				106	5000							
B29TP8				106	5000							
B29TP9				106	5000							
B29TR4				106	5000							
B29TR5				106	5000							
B2FWN9				530	25000							
B2FWP2				530	25000							
B2FWP9				106	5000							
B2FWR2				530	25000							
B29TT8				530	25000							
B29TT9				530	25000							
B29TX6				106	5000							
B29YB4				106	5000							
B29V97				530	25000							
B29V98				530	25000							
B29VB6				530	25000							
B29VB7				530	25000							
B2DR82				530	25000							
B2DR84				530	25000							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.051	1							
B29TT9				1								
B29TX6				1								

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	WELL_NAME	SAMP_DATE_TIME	FILTERED _FLAG	STD_CON_ID	STD_CON_LONG_NAME	STD_VALUE_RPTD	STD_ANAL_ UNITS_RPTD	CON_LONG_NAME	CON_ID	VALUE_RPTD	ANAL_UNITS _RPTD	LAB_ QUALIFIER	REVIEW_ QUALIFIER	VALIDATION _QUALIFIER	LAB_CODE
B29V98	399-4-15	10/18/11 8:52	N	75-15-0	Carbon disulfide	1	µg/L	Carbon disulfide	75-15-0	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	75-15-0	Carbon disulfide	0.051	µg/L	Carbon disulfide	75-15-0	0.051	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	75-15-0	Carbon disulfide	0.051	µg/L	Carbon disulfide	75-15-0	0.051	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	56-23-5	Carbon tetrachloride	1	µg/L	Carbon tetrachloride	56-23-5	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	56-23-5	Carbon tetrachloride	1	µg/L	Carbon tetrachloride	56-23-5	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	56-23-5	Carbon tetrachloride	1	µg/L	Carbon tetrachloride	56-23-5	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	56-23-5	Carbon tetrachloride	1	µg/L	Carbon tetrachloride	56-23-5	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	56-23-5	Carbon tetrachloride	0.12	µg/L	Carbon tetrachloride	56-23-5	0.12	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	56-23-5	Carbon tetrachloride	1	µg/L	Carbon tetrachloride	56-23-5	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	56-23-5	Carbon tetrachloride	1	µg/L	Carbon tetrachloride	56-23-5	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	56-23-5	Carbon tetrachloride	1	µg/L	Carbon tetrachloride	56-23-5	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	56-23-5	Carbon tetrachloride	0.29	µg/L	Carbon tetrachloride	56-23-5	0.29	µg/L	J			TASL
B2DR82	399-6-5	10/20/11 10:22	N	56-23-5	Carbon tetrachloride	0.26	µg/L	Carbon tetrachloride	56-23-5	0.26	µg/L	J			TASL
B29WC0	399-1-54	10/18/11 11:13	N	16887-00-6	Chloride	20300	µg/L	Chloride	16887-00-6	20.3	ug/mL	D			WSCF
B29WC1	399-1-55	10/18/11 12:29	N	16887-00-6	Chloride	18600	µg/L	Chloride	16887-00-6	18.6	ug/mL	D			WSCF
B29WC2	399-1-56	10/18/11 11:50	N	16887-00-6	Chloride	20100	µg/L	Chloride	16887-00-6	20.1	ug/mL	D			WSCF
B29WC3	399-1-57	10/18/11 10:32	N	16887-00-6	Chloride	11100	µg/L	Chloride	16887-00-6	11.1	ug/mL	D			WSCF
B29WC5	399-1-59	10/26/11 12:00	N	16887-00-6	Chloride	22200	µg/L	Chloride	16887-00-6	22.2	mg/L	D			TASL
B2FWP1	399-1-62	10/19/11 10:39	N	16887-00-6	Chloride	19000	µg/L	Chloride	16887-00-6	19	ug/mL	D			WSCF
B2FWR1	399-1-64	10/19/11 11:26	N	16887-00-6	Chloride	23200	µg/L	Chloride	16887-00-6	23.2	ug/mL	D			WSCF
B29WC9	399-2-32	10/18/11 13:17	N	16887-00-6	Chloride	24100	µg/L	Chloride	16887-00-6	24.1	ug/mL	D			WSCF
B29WD5	399-3-33	10/18/11 9:45	N	16887-00-6	Chloride	18600	µg/L	Chloride	16887-00-6	18.6	ug/mL	D			WSCF
B29WD6	399-4-15	10/18/11 8:52	N	16887-00-6	Chloride	24600	µg/L	Chloride	16887-00-6	24.6	ug/mL	D			WSCF
B29WD7	399-6-3	10/26/11 11:15	N	16887-00-6	Chloride	21600	µg/L	Chloride	16887-00-6	21.6	mg/L	D			TASL
B2DR83	399-6-5	10/26/11 10:22	N	16887-00-6	Chloride	19800	µg/L	Chloride	16887-00-6	19.8	mg/L	D			TASL
B29TP0	399-1-54	10/18/11 11:13	N	108-90-7	Chlorobenzene	1	µg/L	Chlorobenzene	108-90-7	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	108-90-7	Chlorobenzene	1	µg/L	Chlorobenzene	108-90-7	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	108-90-7	Chlorobenzene	1	µg/L	Chlorobenzene	108-90-7	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	108-90-7	Chlorobenzene	1	µg/L	Chlorobenzene	108-90-7	1	µg/L	U			WSCF
B29TT9	399-2-32	10/18/11 13:17	N	108-90-7	Chlorobenzene	1	µg/L	Chlorobenzene	108-90-7	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	108-90-7	Chlorobenzene	1	µg/L	Chlorobenzene	108-90-7	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	108-90-7	Chlorobenzene	1	µg/L	Chlorobenzene	108-90-7	1	µg/L	U			WSCF
B29TP0	399-1-54	10/18/11 11:13	N	67-66-3	Chloroform	1	µg/L	Chloroform	67-66-3	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	67-66-3	Chloroform	1	µg/L	Chloroform	67-66-3	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	67-66-3	Chloroform	1	µg/L	Chloroform	67-66-3	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	67-66-3	Chloroform	1	µg/L	Chloroform	67-66-3	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	67-66-3	Chloroform	0.1	µg/L	Chloroform	67-66-3	0.1	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	67-66-3	Chloroform	1	µg/L	Chloroform	67-66-3	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	67-66-3	Chloroform	1	µg/L	Chloroform	67-66-3	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	67-66-3	Chloroform	1	µg/L	Chloroform	67-66-3	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	67-66-3	Chloroform	0.1	µg/L	Chloroform	67-66-3	0.1	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	67-66-3	Chloroform	0.23	µg/L	Chloroform	67-66-3	0.23	µg/L	J			TASL
B29TN9	399-1-54	10/18/11 11:13	Y	7440-47-3	Chromium	3.1	µg/L	Chromium	7440-47-3	3.1	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	7440-47-3	Chromium	3.2	µg/L	Chromium	7440-47-3	3.2	µg/L	B			TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7440-47-3	Chromium	5.2	µg/L	Chromium	7440-47-3	5.2	µg/L	B			TASL
B29TP3	399-1-55	10/18/11 12:29	N	7440-47-3	Chromium	3.7	µg/L	Chromium	7440-47-3	3.7	µg/L	B			TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7440-47-3	Chromium	3.1	µg/L	Chromium	7440-47-3	3.1	µg/L	U			TASL
B29TP6	399-1-56	10/18/11 11:50	N	7440-47-3	Chromium	3.4	µg/L	Chromium	7440-47-3	3.4	µg/L	B			TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7440-47-3	Chromium	3.1	µg/L	Chromium	7440-47-3	3.1	µg/L	U			TASL
B29TP9	399-1-57	10/18/11 10:32	N	7440-47-3	Chromium	5	µg/L	Chromium	7440-47-3	5	µg/L	B			TASL
B29TR4	399-1-59	10/26/11 12:00	Y	7440-47-3	Chromium	3.1	µg/L	Chromium	7440-47-3	3.1	µg/L	U			TASL
B29TR5	399-1-59	10/26/11 12:00	N	7440-47-3	Chromium	3.4	µg/L	Chromium	7440-47-3	3.4	µg/L	B			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7440-47-3	Chromium	9.2	µg/L	Chromium	7440-47-3	9.2	µg/L	B			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7440-47-3	Chromium	9.4	µg/L	Chromium	7440-47-3	9.4	µg/L	B			TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7440-47-3	Chromium	3.1	µg/L	Chromium	7440-47-3	3.1	µg/L	U			TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7440-47-3	Chromium	3.1	µg/L	Chromium	7440-47-3	3.1	µg/L	U			TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7440-47-3	Chromium	3.4	µg/L	Chromium	7440-47-3	3.4	µg/L	B			TASL
B29TT9	399-2-32	10/18/11 13:17	N	7440-47-3	Chromium	3.1	µg/L	Chromium	7440-47-3	3.1	µg/L	U			TASL
B29TX6	399-3-33	10/18/11 9:45	N	7440-47-3	Chromium	3.4	µg/L	Chromium	7440-47-3	3.4	µg/L	B			TASL
B29YB4	399-3-33	10/18/11 9:45	Y	7440-47-3	Chromium	3.7	µg/L	Chromium	7440-47-3	3.7	µg/L	B			TASL
B29V97	399-4-15	10/18/11 8:52	Y	7440-47-3	Chromium	5.1	µg/L	Chromium	7440-47-3	5.1	µg/L	B			TASL
B29V98	399-4-15	10/18/11 8:52	N	7440-47-3	Chromium	5.5	µg/L	Chromium	7440-47-3	5.5	µg/L	B			TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7440-47-3	Chromium	4	µg/L	Chromium	7440-47-3	4	µg/L	B			TASL
B29VB7	399-6-3	10/26/11 11:15	N	7440-47-3	Chromium	4.6	µg/L	Chromium	7440-47-3	4.6	µg/L	B			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7440-47-3	Chromium	3.1	µg/L	Chromium	7440-47-3	3.1	µg/L	U			TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7440-47-3	Chromium	3.1	µg/L	Chromium	7440-47-3	3.1	µg/L	U			TASL

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	METHOD_NAME	MEDIA	UserFlag	ReviewDate	ReviewComment	ALTERNATE _SAMP_NUM	ANAL_DATE _TIME	ANALYSIS_ BATCH_NUM	COLL_MTHD	COLL_SAMP_SIZE	COLL_SAMP_ SIZE_UNITS	COLLECTION _PURPOSE	COMPOSITE _FLAG	COUNTING _ERROR	DATE_ASSIGNED	DATE_LAST_MODIFIED	DILUT_FACTOR
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29WC0	300.0_ANIONS_IC	GW					10/18/11 19:07	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC1	300.0_ANIONS_IC	GW					10/18/11 18:11	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC2	300.0_ANIONS_IC	GW					10/18/11 18:48	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC3	300.0_ANIONS_IC	GW					10/18/11 19:26	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC5	300.0_ANIONS_IC	GW					10/29/11 7:47	6/2/95 0:00				R			12/7/10 12:22	11/28/11 7:17	20
B2FWP1	300.0_ANIONS_IC	GW					10/19/11 19:26	10/28/23 0:00				R			7/22/11 14:13	11/7/11 9:19	2
B2FWR1	300.0_ANIONS_IC	GW					10/19/11 19:07	10/28/23 0:00				R			7/22/11 14:13	11/7/11 9:19	2
B29WC9	300.0_ANIONS_IC	GW					10/18/11 18:30	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD5	300.0_ANIONS_IC	GW					10/18/11 19:45	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD6	300.0_ANIONS_IC	GW					10/18/11 20:04	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD7	300.0_ANIONS_IC	GW					10/29/11 5:43	6/2/95 0:00				R			12/7/10 12:22	11/28/11 7:17	20
B2DR83	300.0_ANIONS_IC	GW					10/28/11 10:07	6/2/95 0:00				R			5/4/11 12:36	11/28/11 7:17	20
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TN9	6010_METALS_ICP	GW					11/9/11 14:57	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP0	6010_METALS_ICP	GW					11/9/11 13:19	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP2	6010_METALS_ICP	GW					11/9/11 15:02	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6010_METALS_ICP	GW					11/9/11 13:25	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP5	6010_METALS_ICP	GW					11/9/11 14:51	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6010_METALS_ICP	GW					11/9/11 13:14	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 15:29	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 13:41	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/9/11 17:01	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 20:35	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6010_METALS_ICP	GW					11/11/11 20:14	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP2	6010_METALS_ICP	GW					11/9/11 16:29	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP9	6010_METALS_ICP	GW					11/11/11 20:07	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/9/11 16:23	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT8	6010_METALS_ICP	GW					11/9/11 15:18	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	6010_METALS_ICP	GW					11/9/11 13:30	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6010_METALS_ICP	GW					11/9/11 12:42	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 14:46	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/9/11 15:24	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29V98	6010_METALS_ICP	GW					11/9/11 13:36	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB6	6010_METALS_ICP	GW					11/9/11 16:56	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6010_METALS_ICP	GW					11/11/11 20:28	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	6010_METALS_ICP	GW					11/11/11 20:21	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B2DR84	6010_METALS_ICP	GW					11/9/11 16:34	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	DISTILLATION_VOL	END_FLOW_RATE	EXPOSURE_HOURS	FIELD_QC_TYPE	FLOW_RATE_UNITS	LAB_COMMENT_CD	LAB_EXTRACTED_DATE	LAB_MATRIX_CODE	LAB_QC_TYPE	LAB_RECEIVED_DATE	LOAD_DATE_TIME	MATRIX	MIN_DETECTABLE_ACTIVITY
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29WC0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC1								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC2								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWP1								WATER		10/19/11 0:00	11/7/11 9:19	WATER	
B2FWR1								WATER		10/19/11 0:00	11/7/11 9:19	WATER	
B29WC9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD5								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR83								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	MOISTURE_DEC	OWNER_ID	PCNT_MOISTURE	PCNT_SOLIDS	REPORTING_LIMIT	REPORTING_LIMIT_TYPE	REQUIRED_DETECTION_LIMIT	RESULT_COMMENT	RESULT_RECEIVED_DATE	RETENTION_TIME	RRN	SAF_NUM	SAMP_ALIQUOT_SIZE
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777142	S11-012	5
B29VB7		PNLGW			0.051	MDL	1		11/23/11 10:52		104267209	S11-012	25
B2DR82		PNLGW			0.051	MDL	1		11/23/11 10:52		104267249	S11-006	25
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777166	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777180	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777280	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777159	S11-012	5
B29TR5		PNLGW			0.12	MDL	1		11/23/11 10:52		104267236	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777234	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777204	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777136	S11-012	5
B29VB7		PNLGW			0.12	MDL	1		11/23/11 10:52		104267210	S11-012	25
B2DR82		PNLGW			0.12	MDL	1		11/23/11 10:52		104267250	S11-006	25
B29WC0		PNLGW			0.12	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777043	S11-012	10
B29WC1		PNLGW			0.12	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777111	S11-012	10
B29WC2		PNLGW			0.12	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777036	S11-012	10
B29WC3		PNLGW			0.12	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777050	S11-012	10
B29WC5		PNLGW			0.4	MDL	4		11/23/11 10:52		104266577	S11-012	5
B2FWP1		PNLGW			0.12	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:42		101776706	S11-009	10
B2FWR1		PNLGW			0.12	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:42		101776715	S11-009	10
B29WC9		PNLGW			0.12	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777118	S11-012	10
B29WD5		PNLGW			0.12	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777062	S11-012	10
B29WD6		PNLGW			0.12	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777109	S11-012	10
B29WD7		PNLGW			0.4	MDL	4		11/23/11 10:52		104266603	S11-012	5
B2DR83		PNLGW			0.4	MDL	4		11/23/11 10:52		104266595	S11-006	5
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777106	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777289	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777277	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777152	S11-012	5
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777227	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777079	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777088	S11-012	5
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777168	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777183	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777249	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777161	S11-012	5
B29TR5		PNLGW			0.1	MDL	1		11/23/11 10:52		104267237	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777236	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777206	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777138	S11-012	5
B29VB7		PNLGW			0.1	MDL	1		11/23/11 10:52		104267211	S11-012	25
B2DR82		PNLGW			0.1	MDL	1		11/23/11 10:52		104267251	S11-006	25
B29TN9		PNLGW			3.1	MDL	10		11/23/11 10:52		104267069	S11-012	50
B29TP0		PNLGW			3.1	MDL	10		11/23/11 10:52		104267087	S11-012	50
B29TP2		PNLGW			3.1	MDL	10		11/23/11 10:52		104267105	S11-012	50
B29TP3		PNLGW			3.1	MDL	10		11/23/11 10:52		104267124	S11-012	50
B29TP5		PNLGW			3.1	MDL	10		11/23/11 10:52		104267159	S11-012	50
B29TP6		PNLGW			3.1	MDL	10		11/23/11 10:52		104267050	S11-012	50
B29TP8		PNLGW			3.1	MDL	10		11/23/11 10:52		104266974	S11-012	50
B29TP9		PNLGW			3.1	MDL	10		11/23/11 10:52		104266895	S11-012	50
B29TR4		PNLGW			3.1	MDL	10		11/23/11 10:52		104266610	S11-012	50
B29TR5		PNLGW			3.1	MDL	10		11/23/11 10:52		104266627	S11-012	50
B2FWN9		PNLGW			3.1	MDL	10		11/23/11 10:52		104266784	S11-009	50
B2FWP2		PNLGW			3.1	MDL	10		11/23/11 10:52		104266720	S11-009	50
B2FWP9		PNLGW			3.1	MDL	10		11/23/11 10:52		104266765	S11-009	50
B2FWR2		PNLGW			3.1	MDL	10		11/23/11 10:52		104266749	S11-009	50
B29TT8		PNLGW			3.1	MDL	10		11/23/11 10:52		104266984	S11-012	50
B29TT9		PNLGW			3.1	MDL	10		11/23/11 10:52		104267002	S11-012	50
B29TX6		PNLGW			3.1	MDL	10		11/23/11 10:52		104267181	S11-012	50
B29YB4		PNLGW			3.1	MDL	10		11/23/11 10:52		104267141	S11-012	50
B29V97		PNLGW			3.1	MDL	10		11/23/11 10:52		104267016	S11-012	50
B29V98		PNLGW			3.1	MDL	10		11/23/11 10:52		104267034	S11-012	50
B29VB6		PNLGW			3.1	MDL	10		11/23/11 10:52		104266700	S11-012	50
B29VB7		PNLGW			3.1	MDL	10		11/23/11 10:52		104266682	S11-012	50
B2DR82		PNLGW			3.1	MDL	10		11/23/11 10:52		104266661	S11-006	50
B2DR84		PNLGW			3.1	MDL	10		11/23/11 10:52		104266744	S11-006	50

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	SAMP_ALIQUOT_UNITS	SAMP_COMMENT	SAMP_DATE_TIME_ON	SAMP_FROM	SAMP_INTERVAL_BOTTOM	SAMP_INTERVAL_TOP	SAMP_INTERVAL_UNITS	SAMP_ITEM	SAMP_MTHD	SDG_NUM
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29WC0	mL									WSCF113380
B29WC1	mL									WSCF113380
B29WC2	mL									WSCF113380
B29WC3	mL									WSCF113380
B29WC5	mL	DIVERTED								SL1191
B2FWP1	mL									WSCF113385
B2FWR1	mL									WSCF113385
B29WC9	mL									WSCF113380
B29WD5	mL									WSCF113380
B29WD6	mL									WSCF113380
B29WD7	mL	DIVERTED								SL1191
B2DR83	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR4	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	START_FLOW_RATE	STD_COUNTING_ERROR	STD_MDA	STD_REPORTING_LIMIT	STD_REQUIRED_DETECTION_LIMIT	STD_SAMP_INTV_BOT	STD_SAMP_INTV_TOP	STD_SAMP_INTV_UNITS	STD_TOTAL_ANAL_ERROR	TAG_ID	TIC_FLAG	TOTAL_ANAL_ERROR
B29V98				1								
B29VB7				0.051	1							
B2DR82				0.051	1							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.12	1							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.12	1							
B2DR82				0.12	1							
B29WC0				120								
B29WC1				120								
B29WC2				120								
B29WC3				120								
B29WC5				400	4000							
B2FWP1				120								
B2FWR1				120								
B29WC9				120								
B29WD5				120								
B29WD6				120								
B29WD7				400	4000							
B2DR83				400	4000							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TT9				1								
B29TX6				1								
B29V98				1								
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.1	1							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.1	1							
B2DR82				0.1	1							
B29TN9				3.1	10							
B29TP0				3.1	10							
B29TP2				3.1	10							
B29TP3				3.1	10							
B29TP5				3.1	10							
B29TP6				3.1	10							
B29TP8				3.1	10							
B29TP9				3.1	10							
B29TR4				3.1	10							
B29TR5				3.1	10							
B2FWN9				3.1	10							
B2FWP2				3.1	10							
B2FWP9				3.1	10							
B2FWR2				3.1	10							
B29TT8				3.1	10							
B29TT9				3.1	10							
B29TX6				3.1	10							
B29YB4				3.1	10							
B29V97				3.1	10							
B29V98				3.1	10							
B29VB6				3.1	10							
B29VB7				3.1	10							
B2DR82				3.1	10							
B2DR84				3.1	10							

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	WELL_NAME	SAMP_DATE_TIME	FILTERED _FLAG	STD_CON_ID	STD_CON_LONG_NAME	STD_VALUE_RPTD	STD_ANAL_ UNITS_RPTD	CON_LONG_NAME	CON_ID	VALUE_RPTD	ANAL_UNITS _RPTD	LAB_ QUALIFIER	REVIEW_ QUALIFIER	VALIDATION _QUALIFIER	LAB_CODE
B29TP0	399-1-54	10/18/11 11:13	N	156-59-2	cis-1,2-Dichloroethylene	1	µg/L	cis-1,2-Dichloroethylene	156-59-2	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	156-59-2	cis-1,2-Dichloroethylene	1	µg/L	cis-1,2-Dichloroethylene	156-59-2	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	156-59-2	cis-1,2-Dichloroethylene	1	µg/L	cis-1,2-Dichloroethylene	156-59-2	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	156-59-2	cis-1,2-Dichloroethylene	110	µg/L	cis-1,2-Dichloroethylene	156-59-2	110	µg/L				WSCF
B29TR5	399-1-59	10/26/11 12:00	N	156-59-2	cis-1,2-Dichloroethylene	0.087	µg/L	cis-1,2-Dichloroethylene	156-59-2	0.087	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	156-59-2	cis-1,2-Dichloroethylene	1	µg/L	cis-1,2-Dichloroethylene	156-59-2	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	156-59-2	cis-1,2-Dichloroethylene	1	µg/L	cis-1,2-Dichloroethylene	156-59-2	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	156-59-2	cis-1,2-Dichloroethylene	1	µg/L	cis-1,2-Dichloroethylene	156-59-2	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	156-59-2	cis-1,2-Dichloroethylene	0.087	µg/L	cis-1,2-Dichloroethylene	156-59-2	0.087	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	156-59-2	cis-1,2-Dichloroethylene	0.087	µg/L	cis-1,2-Dichloroethylene	156-59-2	0.087	µg/L	U			TASL
B29TN9	399-1-54	10/18/11 11:13	Y	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29TP3	399-1-55	10/18/11 12:29	N	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29TP6	399-1-56	10/18/11 11:50	N	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29TP9	399-1-57	10/18/11 10:32	N	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29TR5	399-1-59	10/26/11 12:00	N	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29TR4	399-1-59	10/26/11 12:00	Y	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29TX6	399-3-33	10/18/11 9:45	N	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29YB4	399-3-33	10/18/11 9:45	Y	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29V97	399-4-15	10/18/11 8:52	Y	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29V98	399-4-15	10/18/11 8:52	N	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29VB7	399-6-3	10/26/11 11:15	N	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7440-48-4	Cobalt	4	µg/L	Cobalt	7440-48-4	4	µg/L	U			TASL
B29TN9	399-1-54	10/18/11 11:13	Y	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29TP3	399-1-55	10/18/11 12:29	N	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29TP6	399-1-56	10/18/11 11:50	N	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29TP9	399-1-57	10/18/11 10:32	N	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29TR4	399-1-59	10/26/11 12:00	Y	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29TR5	399-1-59	10/26/11 12:00	N	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29TX6	399-3-33	10/18/11 9:45	N	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29YB4	399-3-33	10/18/11 9:45	Y	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29V97	399-4-15	10/18/11 8:52	Y	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29V98	399-4-15	10/18/11 8:52	N	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29VB7	399-6-3	10/26/11 11:15	N	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7440-50-8	Copper	4.6	µg/L	Copper	7440-50-8	4.6	µg/L	U			TASL
B29TP1	399-1-54	10/18/11 11:13	N	DO	Dissolved oxygen	9940	µg/L	Dissolved oxygen	DO	9.94	mg/L				FIELD
B29TP4	399-1-55	10/18/11 12:29	N	DO	Dissolved oxygen	9710	µg/L	Dissolved oxygen	DO	9.71	mg/L				FIELD
B29TP7	399-1-56	10/18/11 11:50	N	DO	Dissolved oxygen	9870	µg/L	Dissolved oxygen	DO	9.87	mg/L				FIELD
B29TR0	399-1-57	10/18/11 10:32	N	DO	Dissolved oxygen	4960	µg/L	Dissolved oxygen	DO	4.96	mg/L				FIELD
B29TR3	399-1-58	11/1/11 9:50	N	DO	Dissolved oxygen	9430	µg/L	Dissolved oxygen	DO	9.43	mg/L				FIELD
B29TR6	399-1-59	10/26/11 12:00	N	DO	Dissolved oxygen	9480	µg/L	Dissolved oxygen	DO	9.48	mg/L				FIELD
B2FWN8	399-1-62	10/19/11 10:39	N	DO	Dissolved oxygen	8830	µg/L	Dissolved oxygen	DO	8.83	mg/L				FIELD
B2FWP8	399-1-64	10/19/11 11:26	N	DO	Dissolved oxygen	9720	µg/L	Dissolved oxygen	DO	9.72	mg/L				FIELD

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	METHOD_NAME	MEDIA	UserFlag	ReviewDate	ReviewComment	ALTERNATE _SAMP_NUM	ANAL_DATE _TIME	ANALYSIS_ BATCH_NUM	COLL_MTHD	COLL_SAMP_SIZE	COLL_SAMP_ SIZE_UNITS	COLLECTION _PURPOSE	COMPOSITE _FLAG	COUNTING _ERROR	DATE_ASSIGNED	DATE_LAST_MODIFIED	DILUT_FACTOR
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TN9	6010_METALS_ICP	GW					11/9/11 14:57	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP0	6010_METALS_ICP	GW					11/9/11 13:19	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP2	6010_METALS_ICP	GW					11/9/11 15:02	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6010_METALS_ICP	GW					11/9/11 13:25	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP5	6010_METALS_ICP	GW					11/9/11 14:51	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6010_METALS_ICP	GW					11/9/11 13:14	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 15:29	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 13:41	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 20:35	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/9/11 17:01	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6010_METALS_ICP	GW					11/11/11 20:14	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP2	6010_METALS_ICP	GW					11/9/11 16:29	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP9	6010_METALS_ICP	GW					11/11/11 20:07	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/9/11 16:23	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT8	6010_METALS_ICP	GW					11/9/11 15:18	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	6010_METALS_ICP	GW					11/9/11 13:30	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6010_METALS_ICP	GW					11/9/11 12:42	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 14:46	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/9/11 15:24	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29V98	6010_METALS_ICP	GW					11/9/11 13:36	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB6	6010_METALS_ICP	GW					11/9/11 16:56	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6010_METALS_ICP	GW					11/11/11 20:28	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	6010_METALS_ICP	GW					11/11/11 20:21	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B2DR84	6010_METALS_ICP	GW					11/9/11 16:34	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TN9	6010_METALS_ICP	GW					11/9/11 14:57	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP0	6010_METALS_ICP	GW					11/9/11 13:19	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP2	6010_METALS_ICP	GW					11/9/11 15:02	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6010_METALS_ICP	GW					11/9/11 13:25	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP5	6010_METALS_ICP	GW					11/9/11 14:51	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6010_METALS_ICP	GW					11/9/11 13:14	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 15:29	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 13:41	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/9/11 17:01	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 20:35	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6010_METALS_ICP	GW					11/11/11 20:14	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP2	6010_METALS_ICP	GW					11/9/11 16:29	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP9	6010_METALS_ICP	GW					11/11/11 20:07	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/9/11 16:23	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT8	6010_METALS_ICP	GW					11/9/11 15:18	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	6010_METALS_ICP	GW					11/9/11 13:30	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6010_METALS_ICP	GW					11/9/11 12:42	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 14:46	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/9/11 15:24	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29V98	6010_METALS_ICP	GW					11/9/11 13:36	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB6	6010_METALS_ICP	GW					11/9/11 16:56	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6010_METALS_ICP	GW					11/11/11 20:28	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	6010_METALS_ICP	GW					11/11/11 20:21	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B2DR84	6010_METALS_ICP	GW					11/9/11 16:34	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP1	360.1_OXYGEN_FLD	GW					10/18/11 11:13					R			12/6/10 9:32	12/2/11 11:35	
B29TP4	360.1_OXYGEN_FLD	GW					10/18/11 12:29					R			12/6/10 9:32	12/2/11 11:34	
B29TP7	360.1_OXYGEN_FLD	GW										R			12/6/10 9:32	12/2/11 11:31	
B29TR0	360.1_OXYGEN_FLD	GW					10/18/11 10:32					R			12/6/10 9:32	12/2/11 10:43	
B29TR3	360.1_OXYGEN_FLD	GW					11/1/11 9:50					R			12/6/10 9:32	11/3/11 9:18	
B29TR6	360.1_OXYGEN_FLD	GW					10/26/11 12:00					R			12/6/10 9:32	12/2/11 11:53	
B2FWN8	360.1_OXYGEN_FLD	GW					10/19/11 10:39					R			7/22/11 14:13	12/2/11 11:43	
B2FWP8	360.1_OXYGEN_FLD	GW					10/19/11 11:26					R			7/22/11 14:13	12/2/11 11:44	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	DISTILLATION_VOL	END_FLOW_RATE	EXPOSURE_HOURS	FIELD_QC_TYPE	FLOW_RATE_UNITS	LAB_COMMENT_CD	LAB_EXTRACTED_DATE	LAB_MATRIX_CODE	LAB_QC_TYPE	LAB_RECEIVED_DATE	LOAD_DATE_TIME	MATRIX	MIN_DETECTABLE_ACTIVITY
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP1								WATER			12/2/11 11:35	WATER	
B29TP4								WATER			12/2/11 11:34	WATER	
B29TP7								WATER			12/2/11 11:31	WATER	
B29TR0								WATER			12/2/11 10:43	WATER	
B29TR3								WATER			11/3/11 9:18	WATER	
B29TR6								WATER			12/2/11 11:53	WATER	
B2FWN8								WATER			12/2/11 11:43	WATER	
B2FWP8								WATER			12/2/11 11:44	WATER	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	MOISTURE_DEC	OWNER_ID	PCNT_MOISTURE	PCNT_SOLIDS	REPORTING_LIMIT	REPORTING_LIMIT_TYPE	REQUIRED_DETECTION_LIMIT	RESULT_COMMENT	RESULT_RECEIVED_DATE	RETENTION_TIME	RRN	SAF_NUM	SAMP_ALIQUOT_SIZE
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777071	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777193	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777282	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777216	S11-012	5
B29TR5		PNLGW			0.087	MDL	1		11/23/11 10:52		104267190	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777246	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777145	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777255	S11-012	5
B29VB7		PNLGW			0.087	MDL	1		11/23/11 10:52		104267217	S11-012	25
B2DR82		PNLGW			0.087	MDL	1		11/23/11 10:52		104267265	S11-006	25
B29TN9		PNLGW			4	MDL	50		11/23/11 10:52		104267070	S11-012	50
B29TP0		PNLGW			4	MDL	50		11/23/11 10:52		104267048	S11-012	50
B29TP2		PNLGW			4	MDL	50		11/23/11 10:52		104267106	S11-012	50
B29TP3		PNLGW			4	MDL	50		11/23/11 10:52		104267122	S11-012	50
B29TP5		PNLGW			4	MDL	50		11/23/11 10:52		104267160	S11-012	50
B29TP6		PNLGW			4	MDL	50		11/23/11 10:52		104267051	S11-012	50
B29TP8		PNLGW			4	MDL	50		11/23/11 10:52		104266878	S11-012	50
B29TP9		PNLGW			4	MDL	50		11/23/11 10:52		104266896	S11-012	50
B29TR5		PNLGW			4	MDL	50		11/23/11 10:52		104266628	S11-012	50
B29TR4		PNLGW			4	MDL	50		11/23/11 10:52		104266611	S11-012	50
B2FWN9		PNLGW			4	MDL	50		11/23/11 10:52		104266785	S11-009	50
B2FWP2		PNLGW			4	MDL	50		11/23/11 10:52		104266721	S11-009	50
B2FWP9		PNLGW			4	MDL	50		11/23/11 10:52		104266766	S11-009	50
B2FWR2		PNLGW			4	MDL	50		11/23/11 10:52		104266750	S11-009	50
B29TT8		PNLGW			4	MDL	50		11/23/11 10:52		104266985	S11-012	50
B29TT9		PNLGW			4	MDL	50		11/23/11 10:52		104267003	S11-012	50
B29TX6		PNLGW			4	MDL	50		11/23/11 10:52		104267179	S11-012	50
B29YB4		PNLGW			4	MDL	50		11/23/11 10:52		104267142	S11-012	50
B29V97		PNLGW			4	MDL	50		11/23/11 10:52		104267017	S11-012	50
B29V98		PNLGW			4	MDL	50		11/23/11 10:52		104267035	S11-012	50
B29VB6		PNLGW			4	MDL	50		11/23/11 10:52		104266701	S11-012	50
B29VB7		PNLGW			4	MDL	50		11/23/11 10:52		104266683	S11-012	50
B2DR82		PNLGW			4	MDL	50		11/23/11 10:52		104266662	S11-006	50
B2DR84		PNLGW			4	MDL	50		11/23/11 10:52		104266740	S11-006	50
B29TN9		PNLGW			4.6	MDL	25		11/23/11 10:52		104267071	S11-012	50
B29TP0		PNLGW			4.6	MDL	25		11/23/11 10:52		104267088	S11-012	50
B29TP2		PNLGW			4.6	MDL	25		11/23/11 10:52		104267107	S11-012	50
B29TP3		PNLGW			4.6	MDL	25		11/23/11 10:52		104267125	S11-012	50
B29TP5		PNLGW			4.6	MDL	25		11/23/11 10:52		104267161	S11-012	50
B29TP6		PNLGW			4.6	MDL	25		11/23/11 10:52		104267052	S11-012	50
B29TP8		PNLGW			4.6	MDL	25		11/23/11 10:52		104266879	S11-012	50
B29TP9		PNLGW			4.6	MDL	25		11/23/11 10:52		104266897	S11-012	50
B29TR4		PNLGW			4.6	MDL	25		11/23/11 10:52		104266612	S11-012	50
B29TR5		PNLGW			4.6	MDL	25		11/23/11 10:52		104266629	S11-012	50
B2FWN9		PNLGW			4.6	MDL	25		11/23/11 10:52		104266786	S11-009	50
B2FWP2		PNLGW			4.6	MDL	25		11/23/11 10:52		104266722	S11-009	50
B2FWP9		PNLGW			4.6	MDL	25		11/23/11 10:52		104266767	S11-009	50
B2FWR2		PNLGW			4.6	MDL	25		11/23/11 10:52		104266751	S11-009	50
B29TT8		PNLGW			4.6	MDL	25		11/23/11 10:52		104266986	S11-012	50
B29TT9		PNLGW			4.6	MDL	25		11/23/11 10:52		104267004	S11-012	50
B29TX6		PNLGW			4.6	MDL	25		11/23/11 10:52		104267182	S11-012	50
B29YB4		PNLGW			4.6	MDL	25		11/23/11 10:52		104267143	S11-012	50
B29V97		PNLGW			4.6	MDL	25		11/23/11 10:52		104267018	S11-012	50
B29V98		PNLGW			4.6	MDL	25		11/23/11 10:52		104267036	S11-012	50
B29VB6		PNLGW			4.6	MDL	25		11/23/11 10:52		104266642	S11-012	50
B29VB7		PNLGW			4.6	MDL	25		11/23/11 10:52		104266684	S11-012	50
B2DR82		PNLGW			4.6	MDL	25		11/23/11 10:52		104266663	S11-006	50
B2DR84		PNLGW			4.6	MDL	25		11/23/11 10:52		104266741	S11-006	50
B29TP1		PNLGW									104270498	S11-012	
B29TP4		PNLGW									104270492	S11-012	
B29TP7		PNLGW									104270486	S11-012	
B29TR0		PNLGW									104270462	S11-012	
B29TR3		PNLGW									101773430	S11-012	
B29TR6		PNLGW									104270613	S11-012	
B2FWN8		PNLGW									104270527	S11-009	
B2FWP8		PNLGW									104270533	S11-009	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	SAMP_ALIQUOT_UNITS	SAMP_COMMENT	SAMP_DATE_TIME_ON	SAMP_FROM	SAMP_INTERVAL_BOTTOM	SAMP_INTERVAL_TOP	SAMP_INTERVAL_UNITS	SAMP_ITEM	SAMP_MTHD	SDG_NUM
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR4	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR4	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191
B29TP1										UNKNOWN
B29TP4										UNKNOWN
B29TP7										UNKNOWN
B29TR0										UNKNOWN
B29TR3		VERIFIED - KWH 11-7-11								UNKNOWN
B29TR6										UNKNOWN
B2FWN8										UNKNOWN
B2FWP8										UNKNOWN

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	START_FLOW_RATE	STD_COUNTING_ERROR	STD_MDA	STD_REPORTING_LIMIT	STD_REQUIRED_DETECTION_LIMIT	STD_SAMP_INTV_BOT	STD_SAMP_INTV_TOP	STD_SAMP_INTV_UNITS	STD_TOTAL_ANAL_ERROR	TAG_ID	TIC_FLAG	TOTAL_ANAL_ERROR
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.087	1							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.087	1							
B2DR82				0.087	1							
B29TN9				4	50							
B29TP0				4	50							
B29TP2				4	50							
B29TP3				4	50							
B29TP5				4	50							
B29TP6				4	50							
B29TP8				4	50							
B29TP9				4	50							
B29TR5				4	50							
B29TR4				4	50							
B2FWN9				4	50							
B2FWP2				4	50							
B2FWP9				4	50							
B2FWR2				4	50							
B29TT8				4	50							
B29TT9				4	50							
B29TX6				4	50							
B29YB4				4	50							
B29V97				4	50							
B29V98				4	50							
B29VB6				4	50							
B29VB7				4	50							
B2DR82				4	50							
B2DR84				4	50							
B29TN9				4.6	25							
B29TP0				4.6	25							
B29TP2				4.6	25							
B29TP3				4.6	25							
B29TP5				4.6	25							
B29TP6				4.6	25							
B29TP8				4.6	25							
B29TP9				4.6	25							
B29TR4				4.6	25							
B29TR5				4.6	25							
B2FWN9				4.6	25							
B2FWP2				4.6	25							
B2FWP9				4.6	25							
B2FWR2				4.6	25							
B29TT8				4.6	25							
B29TT9				4.6	25							
B29TX6				4.6	25							
B29YB4				4.6	25							
B29V97				4.6	25							
B29V98				4.6	25							
B29VB6				4.6	25							
B29VB7				4.6	25							
B2DR82				4.6	25							
B2DR84				4.6	25							
B29TP1												
B29TP4												
B29TP7												
B29TR0												
B29TR3												
B29TR6												
B2FWN8												
B2FWP8												

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	WELL_NAME	SAMP_DATE_TIME	FILTERED _FLAG	STD_CON_ID	STD_CON_LONG_NAME	STD_VALUE_RPTD	STD_ANAL_ UNITS_RPTD	CON_LONG_NAME	CON_ID	VALUE_RPTD	ANAL_UNITS _RPTD	LAB_ QUALIFIER	REVIEW_ QUALIFIER	VALIDATION _QUALIFIER	LAB_CODE
B29TV0	399-2-32	10/18/11 13:17	N	DO	Dissolved oxygen	9670	µg/L	Dissolved oxygen	DO	9.67	mg/L				FIELD
B29TX5	399-3-33	10/18/11 9:45	N	DO	Dissolved oxygen	9220	µg/L	Dissolved oxygen	DO	9.22	mg/L				FIELD
B2FWX8	399-3-38	11/1/11 9:00	N	DO	Dissolved oxygen	8910	µg/L	Dissolved oxygen	DO	8.91	mg/L				FIELD
B29V99	399-4-15	10/18/11 8:52	N	DO	Dissolved oxygen	9960	µg/L	Dissolved oxygen	DO	9.96	mg/L				FIELD
B29VB8	399-6-3	10/26/11 11:15	N	DO	Dissolved oxygen	9460	µg/L	Dissolved oxygen	DO	9.46	mg/L				FIELD
B2DR81	399-6-5	10/26/11 10:22	N	DO	Dissolved oxygen	13400	µg/L	Dissolved oxygen	DO	13.4	mg/L				FIELD
B29TP0	399-1-54	10/18/11 11:13	N	107-12-0	Ethyl cyanide	2	µg/L	Ethyl cyanide	107-12-0	2	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	107-12-0	Ethyl cyanide	2	µg/L	Ethyl cyanide	107-12-0	2	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	107-12-0	Ethyl cyanide	2	µg/L	Ethyl cyanide	107-12-0	2	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	107-12-0	Ethyl cyanide	2	µg/L	Ethyl cyanide	107-12-0	2	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	107-12-0	Ethyl cyanide	1.4	µg/L	Ethyl cyanide	107-12-0	1.4	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	107-12-0	Ethyl cyanide	2	µg/L	Ethyl cyanide	107-12-0	2	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	107-12-0	Ethyl cyanide	2	µg/L	Ethyl cyanide	107-12-0	2	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	107-12-0	Ethyl cyanide	2	µg/L	Ethyl cyanide	107-12-0	2	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	107-12-0	Ethyl cyanide	1.4	µg/L	Ethyl cyanide	107-12-0	1.4	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	107-12-0	Ethyl cyanide	1.4	µg/L	Ethyl cyanide	107-12-0	1.4	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	100-41-4	Ethylbenzene	1	µg/L	Ethylbenzene	100-41-4	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	100-41-4	Ethylbenzene	1	µg/L	Ethylbenzene	100-41-4	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	100-41-4	Ethylbenzene	1	µg/L	Ethylbenzene	100-41-4	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	100-41-4	Ethylbenzene	1	µg/L	Ethylbenzene	100-41-4	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	100-41-4	Ethylbenzene	0.086	µg/L	Ethylbenzene	100-41-4	0.086	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	100-41-4	Ethylbenzene	1	µg/L	Ethylbenzene	100-41-4	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	100-41-4	Ethylbenzene	1	µg/L	Ethylbenzene	100-41-4	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	100-41-4	Ethylbenzene	1	µg/L	Ethylbenzene	100-41-4	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	100-41-4	Ethylbenzene	0.086	µg/L	Ethylbenzene	100-41-4	0.086	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	100-41-4	Ethylbenzene	0.086	µg/L	Ethylbenzene	100-41-4	0.086	µg/L	U			TASL
B29WC0	399-1-54	10/18/11 11:13	N	16984-48-8	Fluoride	294	µg/L	Fluoride	16984-48-8	0.294	ug/mL	D			WSCF
B29WC1	399-1-55	10/18/11 12:29	N	16984-48-8	Fluoride	295	µg/L	Fluoride	16984-48-8	0.295	ug/mL	D			WSCF
B29WC2	399-1-56	10/18/11 11:50	N	16984-48-8	Fluoride	266	µg/L	Fluoride	16984-48-8	0.266	ug/mL	D			WSCF
B29WC3	399-1-57	10/18/11 10:32	N	16984-48-8	Fluoride	485	µg/L	Fluoride	16984-48-8	0.485	ug/mL	D			WSCF
B29WC5	399-1-59	10/26/11 12:00	N	16984-48-8	Fluoride	380	µg/L	Fluoride	16984-48-8	0.38	mg/L				TASL
B2FWP1	399-1-62	10/19/11 10:39	N	16984-48-8	Fluoride	303	µg/L	Fluoride	16984-48-8	0.303	ug/mL	D			WSCF
B2FWR1	399-1-64	10/19/11 11:26	N	16984-48-8	Fluoride	347	µg/L	Fluoride	16984-48-8	0.347	ug/mL	D			WSCF
B29WC9	399-2-32	10/18/11 13:17	N	16984-48-8	Fluoride	294	µg/L	Fluoride	16984-48-8	0.294	ug/mL	D			WSCF
B29WD5	399-3-33	10/18/11 9:45	N	16984-48-8	Fluoride	218	µg/L	Fluoride	16984-48-8	0.218	ug/mL	D			WSCF
B29WD6	399-4-15	10/18/11 8:52	N	16984-48-8	Fluoride	260	µg/L	Fluoride	16984-48-8	0.26	ug/mL	D			WSCF
B29WD7	399-6-3	10/26/11 11:15	N	16984-48-8	Fluoride	250	µg/L	Fluoride	16984-48-8	0.25	mg/L				TASL
B2DR83	399-6-5	10/26/11 10:22	N	16984-48-8	Fluoride	250	µg/L	Fluoride	16984-48-8	0.25	mg/L				TASL
B29TP0	399-1-54	10/18/11 11:13	N	12587-46-1	Gross alpha	15.7	pCi/L	Gross alpha	12587-46-1	15.7	pCi/L				TARL
B29TP3	399-1-55	10/18/11 12:29	N	12587-46-1	Gross alpha	46.2	pCi/L	Gross alpha	12587-46-1	46.2	pCi/L				TARL
B29TP6	399-1-56	10/18/11 11:50	N	12587-46-1	Gross alpha	3.9	pCi/L	Gross alpha	12587-46-1	3.9	pCi/L				TARL
B29TP9	399-1-57	10/18/11 10:32	N	12587-46-1	Gross alpha	-0.579	pCi/L	Gross alpha	12587-46-1	-0.579	pCi/L	U			TARL
B29TR5	399-1-59	10/26/11 12:00	N	12587-46-1	Gross alpha	8.11	pCi/L	Gross alpha	12587-46-1	8.11	pCi/L				TARL
B29TT9	399-2-32	10/18/11 13:17	N	12587-46-1	Gross alpha	24	pCi/L	Gross alpha	12587-46-1	24	pCi/L				TARL
B29TX6	399-3-33	10/18/11 9:45	N	12587-46-1	Gross alpha	37	pCi/L	Gross alpha	12587-46-1	37	pCi/L				TARL
B29V98	399-4-15	10/18/11 8:52	N	12587-46-1	Gross alpha	26.9	pCi/L	Gross alpha	12587-46-1	26.9	pCi/L				TARL
B29VB7	399-6-3	10/26/11 11:15	N	12587-46-1	Gross alpha	6.54	pCi/L	Gross alpha	12587-46-1	6.54	pCi/L				TARL
B2DR82	399-6-5	10/20/11 10:22	N	12587-46-1	Gross alpha	6.27	pCi/L	Gross alpha	12587-46-1	6.27	pCi/L				TARL
B29TP0	399-1-54	10/18/11 11:13	N	12587-47-2	Gross beta	18.4	pCi/L	Gross beta	12587-47-2	18.4	pCi/L				TARL
B29TP3	399-1-55	10/18/11 12:29	N	12587-47-2	Gross beta	48.1	pCi/L	Gross beta	12587-47-2	48.1	pCi/L				TARL
B29TP6	399-1-56	10/18/11 11:50	N	12587-47-2	Gross beta	13.9	pCi/L	Gross beta	12587-47-2	13.9	pCi/L				TARL
B29TP9	399-1-57	10/18/11 10:32	N	12587-47-2	Gross beta	6.56	pCi/L	Gross beta	12587-47-2	6.56	pCi/L				TARL
B29TR5	399-1-59	10/26/11 12:00	N	12587-47-2	Gross beta	10.6	pCi/L	Gross beta	12587-47-2	10.6	pCi/L				TARL
B29TT9	399-2-32	10/18/11 13:17	N	12587-47-2	Gross beta	17	pCi/L	Gross beta	12587-47-2	17	pCi/L				TARL
B29TX6	399-3-33	10/18/11 9:45	N	12587-47-2	Gross beta	24.5	pCi/L	Gross beta	12587-47-2	24.5	pCi/L				TARL
B29V98	399-4-15	10/18/11 8:52	N	12587-47-2	Gross beta	25.5	pCi/L	Gross beta	12587-47-2	25.5	pCi/L				TARL
B29VB7	399-6-3	10/26/11 11:15	N	12587-47-2	Gross beta	8.49	pCi/L	Gross beta	12587-47-2	8.49	pCi/L				TARL
B2DR82	399-6-5	10/20/11 10:22	N	12587-47-2	Gross beta	11.5	pCi/L	Gross beta	12587-47-2	11.5	pCi/L				TARL
B29TN9	399-1-54	10/18/11 11:13	Y	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B29TP3	399-1-55	10/18/11 12:29	N	7439-89-6	Iron	60.8	µg/L	Iron	7439-89-6	60.8	µg/L	B			TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B29TP6	399-1-56	10/18/11 11:50	N	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7439-89-6	Iron	307	µg/L	Iron	7439-89-6	307	µg/L				TASL
B29TP9	399-1-57	10/18/11 10:32	N	7439-89-6	Iron	368	µg/L	Iron	7439-89-6	368	µg/L				TASL

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	METHOD_NAME	MEDIA	UserFlag	ReviewDate	ReviewComment	ALTERNATE _SAMP_NUM	ANAL_DATE _TIME	ANALYSIS_ BATCH_NUM	COLL_MTHD	COLL_SAMP_SIZE	COLL_SAMP_ SIZE_UNITS	COLLECTION _PURPOSE	COMPOSITE _FLAG	COUNTING _ERROR	DATE_ASSIGNED	DATE_LAST_MODIFIED	DILUT_FACTOR
B29TV0	360.1_OXYGEN_FLD	GW					10/18/11 13:17					R			12/6/10 9:32	12/2/11 11:37	
B29TX5	360.1_OXYGEN_FLD	GW					10/18/11 9:45					R			12/6/10 9:33	12/2/11 11:36	
B2FWX8	360.1_OXYGEN_FLD	GW					11/1/11 9:00					R			7/22/11 14:13	11/3/11 9:20	
B29V99	360.1_OXYGEN_FLD	GW					10/18/11 8:52					R			12/6/10 9:36	12/2/11 11:41	
B29VB8	360.1_OXYGEN_FLD	GW					10/26/11 11:15					R			12/6/10 9:36	12/2/11 11:54	
B2DR81	360.1_OXYGEN_FLD	GW					10/26/11 10:22					R			5/4/11 12:36	12/2/11 11:53	
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29WC0	300.0_ANIONS_IC	GW					10/18/11 19:07	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC1	300.0_ANIONS_IC	GW					10/18/11 18:11	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC2	300.0_ANIONS_IC	GW					10/18/11 18:48	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC3	300.0_ANIONS_IC	GW					10/18/11 19:26	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC5	300.0_ANIONS_IC	GW					10/29/11 7:06	6/3/95 0:00				R			12/7/10 12:22	11/28/11 7:17	1
B2FWP1	300.0_ANIONS_IC	GW					10/19/11 19:26	10/28/23 0:00				R			7/22/11 14:13	11/7/11 9:19	2
B2FWR1	300.0_ANIONS_IC	GW					10/19/11 19:07	10/28/23 0:00				R			7/22/11 14:13	11/7/11 9:19	2
B29WC9	300.0_ANIONS_IC	GW					10/18/11 18:30	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD5	300.0_ANIONS_IC	GW					10/18/11 19:45	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD6	300.0_ANIONS_IC	GW					10/18/11 20:04	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD7	300.0_ANIONS_IC	GW					10/29/11 5:02	6/3/95 0:00				R			12/7/10 12:22	11/28/11 7:17	1
B2DR83	300.0_ANIONS_IC	GW					10/28/11 9:26	6/3/95 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	9310_ALPHABETA_GPC	GW					11/11/11 15:24	7/29/70 0:00				R		2.6	12/6/10 9:32	11/29/11 12:01	1
B29TP3	9310_ALPHABETA_GPC	GW					11/11/11 15:24	7/29/70 0:00				R		4.5	12/6/10 9:32	11/29/11 12:01	1
B29TP6	9310_ALPHABETA_GPC	GW					11/11/11 15:24	7/29/70 0:00				R		1.9	12/6/10 9:32	11/29/11 12:01	1
B29TP9	9310_ALPHABETA_GPC	GW					11/11/11 18:49	7/29/70 0:00				R		0.85	12/6/10 9:32	11/29/11 12:01	1
B29TR5	9310_ALPHABETA_GPC	GW					11/11/11 15:24	7/29/70 0:00				R		1.9	12/6/10 9:32	11/29/11 12:01	1
B29TT9	9310_ALPHABETA_GPC	GW					11/11/11 18:49	7/29/70 0:00				R		3.8	12/6/10 9:32	11/29/11 12:01	1
B29TX6	9310_ALPHABETA_GPC	GW					11/11/11 15:24	7/29/70 0:00				R		3.3	12/6/10 9:33	11/29/11 12:01	1
B29V98	9310_ALPHABETA_GPC	GW					11/11/11 15:24	7/29/70 0:00				R		5.4	12/6/10 9:36	11/29/11 12:01	1
B29VB7	9310_ALPHABETA_GPC	GW					11/11/11 15:24	7/29/70 0:00				R		1.9	12/6/10 9:36	11/29/11 12:01	1
B2DR82	9310_ALPHABETA_GPC	GW					11/11/11 15:24	7/29/70 0:00				R		1.7	5/4/11 12:36	11/29/11 12:01	1
B29TP0	9310_ALPHABETA_GPC	GW					11/11/11 13:41	7/30/70 0:00				R		3.3	12/6/10 9:32	11/29/11 12:01	1
B29TP3	9310_ALPHABETA_GPC	GW					11/11/11 13:41	7/30/70 0:00				R		3.9	12/6/10 9:32	11/29/11 12:01	1
B29TP6	9310_ALPHABETA_GPC	GW					11/11/11 15:59	7/30/70 0:00				R		2.7	12/6/10 9:32	11/29/11 12:01	1
B29TP9	9310_ALPHABETA_GPC	GW					11/11/11 15:59	7/30/70 0:00				R		1.9	12/6/10 9:32	11/29/11 12:01	1
B29TR5	9310_ALPHABETA_GPC	GW					11/11/11 15:59	7/30/70 0:00				R		2	12/6/10 9:32	11/29/11 12:01	1
B29TT9	9310_ALPHABETA_GPC	GW					11/11/11 15:59	7/30/70 0:00				R		2.4	12/6/10 9:32	11/29/11 12:01	1
B29TX6	9310_ALPHABETA_GPC	GW					11/11/11 15:59	7/30/70 0:00				R		2.7	12/6/10 9:33	11/29/11 12:01	1
B29V98	9310_ALPHABETA_GPC	GW					11/12/11 13:28	7/30/70 0:00				R		4.1	12/6/10 9:36	11/29/11 12:01	1
B29VB7	9310_ALPHABETA_GPC	GW					11/14/11 11:52	7/30/70 0:00				R		2	12/6/10 9:36	11/29/11 12:01	1
B2DR82	9310_ALPHABETA_GPC	GW					11/11/11 15:59	7/30/70 0:00				R		2.1	5/4/11 12:36	11/29/11 12:01	1
B29TN9	6010_METALS_ICP	GW					11/9/11 14:57	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP0	6010_METALS_ICP	GW					11/9/11 13:19	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP2	6010_METALS_ICP	GW					11/9/11 15:02	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6010_METALS_ICP	GW					11/9/11 13:25	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP5	6010_METALS_ICP	GW					11/9/11 14:51	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6010_METALS_ICP	GW					11/9/11 13:14	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 15:29	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 13:41	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	DISTILLATION_VOL	END_FLOW_RATE	EXPOSURE_HOURS	FIELD_QC_TYPE	FLOW_RATE_UNITS	LAB_COMMENT_CD	LAB_EXTRACTED_DATE	LAB_MATRIX_CODE	LAB_QC_TYPE	LAB_RECEIVED_DATE	LOAD_DATE_TIME	MATRIX	MIN_DETECTABLE_ACTIVITY
B29TV0								WATER			12/2/11 11:37	WATER	
B29TX5								WATER			12/2/11 11:36	WATER	
B2FWX8								WATER			11/3/11 9:20	WATER	
B29V99								WATER			12/2/11 11:41	WATER	
B29VB8								WATER			12/2/11 11:54	WATER	
B2DR81								WATER			12/2/11 11:53	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29WC0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC1								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC2								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWP1								WATER		10/19/11 0:00	11/7/11 9:19	WATER	
B2FWR1								WATER		10/19/11 0:00	11/7/11 9:19	WATER	
B29WC9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD5								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR83								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/25/11 0:00	11/29/11 12:01	WATER	2.25
B29TP3								WATER		10/25/11 0:00	11/29/11 12:01	WATER	3.19
B29TP6								WATER		10/25/11 0:00	11/29/11 12:01	WATER	2.88
B29TP9								WATER		10/25/11 0:00	11/29/11 12:01	WATER	2.15
B29TR5								WATER		10/26/11 0:00	11/29/11 12:01	WATER	2.17
B29TT9								WATER		10/25/11 0:00	11/29/11 12:01	WATER	2.93
B29TX6								WATER		10/25/11 0:00	11/29/11 12:01	WATER	2.2
B29V98								WATER		10/25/11 0:00	11/29/11 12:01	WATER	5.74
B29VB7								WATER		10/26/11 0:00	11/29/11 12:01	WATER	2.5
B2DR82								WATER		10/26/11 0:00	11/29/11 12:01	WATER	2
B29TP0								WATER		10/25/11 0:00	11/29/11 12:01	WATER	4.69
B29TP3								WATER		10/25/11 0:00	11/29/11 12:01	WATER	3.67
B29TP6								WATER		10/25/11 0:00	11/29/11 12:01	WATER	4.19
B29TP9								WATER		10/25/11 0:00	11/29/11 12:01	WATER	3.17
B29TR5								WATER		10/26/11 0:00	11/29/11 12:01	WATER	2.87
B29TT9								WATER		10/25/11 0:00	11/29/11 12:01	WATER	2.96
B29TX6								WATER		10/25/11 0:00	11/29/11 12:01	WATER	2.86
B29V98								WATER		10/25/11 0:00	11/29/11 12:01	WATER	6.11
B29VB7								WATER		10/26/11 0:00	11/29/11 12:01	WATER	3.28
B2DR82								WATER		10/26/11 0:00	11/29/11 12:01	WATER	3.1
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	MOISTURE_DEC	OWNER_ID	PCNT_MOISTURE	PCNT_SOLIDS	REPORTING_LIMIT	REPORTING_LIMIT_TYPE	REQUIRED_DETECTION_LIMIT	RESULT_COMMENT	RESULT_RECEIVED_DATE	RETENTION_TIME	RRN	SAF_NUM	SAMP_ALIQUOT_SIZE
B29TV0		PNLGW									104270510	S11-012	
B29TX5		PNLGW									104270504	S11-012	
B2FWX8		PNLGW									101773437	S11-009	
B29V99		PNLGW									104270516	S11-012	
B29VB8		PNLGW									104270625	S11-012	
B2DR81		PNLGW									104270619	S11-006	
B29TP0		PNLGW			2	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777072	S11-012	5
B29TP3		PNLGW			2	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777194	S11-012	5
B29TP6		PNLGW			2	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777283	S11-012	5
B29TP9		PNLGW			2	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777217	S11-012	5
B29TR5		PNLGW			1.4	MDL	5		11/23/11 10:52		104267225	S11-012	25
B29TT9		PNLGW			2	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777247	S11-012	5
B29TX6		PNLGW			2	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777146	S11-012	5
B29V98		PNLGW			2	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777256	S11-012	5
B29VB7		PNLGW			1.4	MDL	5		11/23/11 10:52		104267198	S11-012	25
B2DR82		PNLGW			1.4	MDL	5		11/23/11 10:52		104267259	S11-006	25
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777074	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777175	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777279	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777154	S11-012	5
B29TR5		PNLGW			0.086	MDL	1		11/23/11 10:52		104267222	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777229	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777081	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777090	S11-012	5
B29VB7		PNLGW			0.086	MDL	1		11/23/11 10:52		104267194	S11-012	25
B2DR82		PNLGW			0.086	MDL	1		11/23/11 10:52		104267255	S11-006	25
B29WC0		PNLGW			0.072	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777042	S11-012	10
B29WC1		PNLGW			0.072	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777110	S11-012	10
B29WC2		PNLGW			0.072	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777035	S11-012	10
B29WC3		PNLGW			0.072	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777049	S11-012	10
B29WC5		PNLGW			0.01	MDL	0.1		11/23/11 10:52		104266579	S11-012	5
B2FWP1		PNLGW			0.072	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:42		101776705	S11-009	10
B2FWR1		PNLGW			0.072	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:42		101776716	S11-009	10
B29WC9		PNLGW			0.072	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777117	S11-012	10
B29WD5		PNLGW			0.072	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777061	S11-012	10
B29WD6		PNLGW			0.072	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777108	S11-012	10
B29WD7		PNLGW			0.01	MDL	0.1		11/23/11 10:52		104266585	S11-012	5
B2DR83		PNLGW			0.01	MDL	0.1		11/23/11 10:52		104266597	S11-006	5
B29TP0		PNLGW			3	RDL	3		11/29/11 9:52		104269598	S11-012	0.0865
B29TP3		PNLGW			3	RDL	3		11/29/11 9:52		104269596	S11-012	0.0831
B29TP6		PNLGW			3	RDL	3		11/29/11 9:52		104269582	S11-012	0.0837
B29TP9		PNLGW			3	RDL	3		11/29/11 9:52		104269580	S11-012	0.1735
B29TR5		PNLGW			3	RDL	3		11/29/11 9:52		104269594	S11-012	0.1224
B29TT9		PNLGW			3	RDL	3		11/29/11 9:52		104269578	S11-012	0.1633
B29TX6		PNLGW			3	RDL	3		11/29/11 9:52		104269576	S11-012	0.1355
B29V98		PNLGW			3	RDL	3		11/29/11 9:52		104269574	S11-012	0.0345
B29VB7		PNLGW			3	RDL	3		11/29/11 9:52		104269588	S11-012	0.1021
B2DR82		PNLGW			3	RDL	3		11/29/11 9:52		104269589	S11-006	0.144
B29TP0		PNLGW			4	RDL	4		11/29/11 9:52		104269597	S11-012	0.125
B29TP3		PNLGW			4	RDL	4		11/29/11 9:52		104269595	S11-012	0.1753
B29TP6		PNLGW			4	RDL	4		11/29/11 9:52		104269581	S11-012	0.1585
B29TP9		PNLGW			4	RDL	4		11/29/11 9:52		104269579	S11-012	0.1974
B29TR5		PNLGW			4	RDL	4		11/29/11 9:52		104269593	S11-012	0.1968
B29TT9		PNLGW			4	RDL	4		11/29/11 9:52		104269577	S11-012	0.2038
B29TX6		PNLGW			4	RDL	4		11/29/11 9:52		104269575	S11-012	0.2005
B29V98		PNLGW			4	RDL	4		11/29/11 9:52		104269573	S11-012	0.0679
B29VB7		PNLGW			4	RDL	4		11/29/11 9:52		104269583	S11-012	0.1887
B2DR82		PNLGW			4	RDL	4		11/29/11 9:52		104269571	S11-006	0.1975
B29TN9		PNLGW			28.2	MDL	100		11/23/11 10:52		104267072	S11-012	50
B29TP0		PNLGW			28.2	MDL	100		11/23/11 10:52		104267089	S11-012	50
B29TP2		PNLGW			28.2	MDL	100		11/23/11 10:52		104267108	S11-012	50
B29TP3		PNLGW			28.2	MDL	100		11/23/11 10:52		104267126	S11-012	50
B29TP5		PNLGW			28.2	MDL	100		11/23/11 10:52		104267162	S11-012	50
B29TP6		PNLGW			28.2	MDL	100		11/23/11 10:52		104267053	S11-012	50
B29TP8		PNLGW			28.2	MDL	100		11/23/11 10:52		104266880	S11-012	50
B29TP9		PNLGW			28.2	MDL	100		11/23/11 10:52		104266898	S11-012	50

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	SAMP_ALIQUOT_UNITS	SAMP_COMMENT	SAMP_DATE_TIME_ON	SAMP_FROM	SAMP_INTERVAL_BOTTOM	SAMP_INTERVAL_TOP	SAMP_INTERVAL_UNITS	SAMP_ITEM	SAMP_MTHD	SDG_NUM
B29TV0										UNKNOWN
B29TX5										UNKNOWN
B2FWX8		VERIFIED - KWH 11-7-11								UNKNOWN
B29V99										UNKNOWN
B29VB8										UNKNOWN
B2DR81										UNKNOWN
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29WC0	mL									WSCF113380
B29WC1	mL									WSCF113380
B29WC2	mL									WSCF113380
B29WC3	mL									WSCF113380
B29WC5	mL	DIVERTED								SL1191
B2FWP1	mL									WSCF113385
B2FWR1	mL									WSCF113385
B29WC9	mL									WSCF113380
B29WD5	mL									WSCF113380
B29WD6	mL									WSCF113380
B29WD7	mL	DIVERTED								SL1191
B2DR83	mL	DIVERTED								SL1191
B29TP0	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP3	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP6	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP9	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TR5	L	DIVERTED								W06304
B29TT9	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TX6	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29V98	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29VB7	L	DIVERTED								W06304
B2DR82	L	DIVERTED								W06304
B29TP0	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP3	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP6	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP9	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TR5	L	DIVERTED								W06304
B29TT9	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TX6	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29V98	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29VB7	L	DIVERTED								W06304
B2DR82	L	DIVERTED								W06304
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	START_FLOW_RATE	STD_COUNTING_ERROR	STD_MDA	STD_REPORTING_LIMIT	STD_REQUIRED_DETECTION_LIMIT	STD_SAMP_INTV_BOT	STD_SAMP_INTV_TOP	STD_SAMP_INTV_UNITS	STD_TOTAL_ANAL_ERROR	TAG_ID	TIC_FLAG	TOTAL_ANAL_ERROR
B29TV0												
B29TX5												
B2FWX8												
B29V99												
B29VB8												
B2DR81												
B29TP0				2								
B29TP3				2								
B29TP6				2								
B29TP9				2								
B29TR5				1.4	5							
B29TT9				2								
B29TX6				2								
B29V98				2								
B29VB7				1.4	5							
B2DR82				1.4	5							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.086	1							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.086	1							
B2DR82				0.086	1							
B29WC0				72								
B29WC1				72								
B29WC2				72								
B29WC3				72								
B29WC5				10	100							
B2FWP1				72								
B2FWR1				72								
B29WC9				72								
B29WD5				72								
B29WD6				72								
B29WD7				10	100							
B2DR83				10	100							
B29TP0		2.6	2.25	3	3				4.8			4.8
B29TP3		4.5	3.19	3	3				12			12
B29TP6		1.9	2.88	3	3				2.2			2.2
B29TP9		0.85	2.15	3	3				0.86			0.86
B29TR5		1.9	2.17	3	3				2.8			2.8
B29TT9		3.8	2.93	3	3				7.2			7.2
B29TX6		3.3	2.2	3	3				9.8			9.8
B29V98		5.4	5.74	3	3				8.7			8.7
B29VB7		1.9	2.5	3	3				2.5			2.5
B2DR82		1.7	2	3	3				2.3			2.3
B29TP0		3.3	4.69	4	4				4.1			4.1
B29TP3		3.9	3.67	4	4				7.3			7.3
B29TP6		2.7	4.19	4	4				3.2			3.2
B29TP9		1.9	3.17	4	4				2			2
B29TR5		2	2.87	4	4				2.4			2.4
B29TT9		2.4	2.96	4	4				3.2			3.2
B29TX6		2.7	2.86	4	4				4.1			4.1
B29V98		4.1	6.11	4	4				5.3			5.3
B29VB7		2	3.28	4	4				2.3			2.3
B2DR82		2.1	3.1	4	4				2.6			2.6
B29TN9				28.2	100							
B29TP0				28.2	100							
B29TP2				28.2	100							
B29TP3				28.2	100							
B29TP5				28.2	100							
B29TP6				28.2	100							
B29TP8				28.2	100							
B29TP9				28.2	100							

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	WELL_NAME	SAMP_DATE_TIME	FILTERED _FLAG	STD_CON_ID	STD_CON_LONG_NAME	STD_VALUE_RPTD	STD_ANAL_ UNITS_RPTD	CON_LONG_NAME	CON_ID	VALUE_RPTD	ANAL_UNITS _RPTD	LAB_ QUALIFIER	REVIEW_ QUALIFIER	VALIDATION _QUALIFIER	LAB_CODE
B29TR4	399-1-59	10/26/11 12:00	Y	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B29TR5	399-1-59	10/26/11 12:00	N	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7439-89-6	Iron	31.9	µg/L	Iron	7439-89-6	31.9	µg/L	B			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B29TX6	399-3-33	10/18/11 9:45	N	7439-89-6	Iron	68.7	µg/L	Iron	7439-89-6	68.7	µg/L	B			TASL
B29YB4	399-3-33	10/18/11 9:45	Y	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B29V97	399-4-15	10/18/11 8:52	Y	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B29V98	399-4-15	10/18/11 8:52	N	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B29VB7	399-6-3	10/26/11 11:15	N	7439-89-6	Iron	38.7	µg/L	Iron	7439-89-6	38.7	µg/L	B			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7439-89-6	Iron	117	µg/L	Iron	7439-89-6	117	µg/L				TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7439-89-6	Iron	28.2	µg/L	Iron	7439-89-6	28.2	µg/L	U			TASL
B29TN9	399-1-54	10/18/11 11:13	Y	7439-95-4	Magnesium	12900	µg/L	Magnesium	7439-95-4	12900	µg/L				TASL
B29TP0	399-1-54	10/18/11 11:13	N	7439-95-4	Magnesium	12600	µg/L	Magnesium	7439-95-4	12600	µg/L				TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7439-95-4	Magnesium	11600	µg/L	Magnesium	7439-95-4	11600	µg/L				TASL
B29TP3	399-1-55	10/18/11 12:29	N	7439-95-4	Magnesium	11200	µg/L	Magnesium	7439-95-4	11200	µg/L				TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7439-95-4	Magnesium	13600	µg/L	Magnesium	7439-95-4	13600	µg/L				TASL
B29TP6	399-1-56	10/18/11 11:50	N	7439-95-4	Magnesium	13100	µg/L	Magnesium	7439-95-4	13100	µg/L				TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7439-95-4	Magnesium	8270	µg/L	Magnesium	7439-95-4	8270	µg/L				TASL
B29TP9	399-1-57	10/18/11 10:32	N	7439-95-4	Magnesium	8000	µg/L	Magnesium	7439-95-4	8000	µg/L				TASL
B29TR4	399-1-59	10/26/11 12:00	Y	7439-95-4	Magnesium	10800	µg/L	Magnesium	7439-95-4	10800	µg/L				TASL
B29TR5	399-1-59	10/26/11 12:00	N	7439-95-4	Magnesium	10700	µg/L	Magnesium	7439-95-4	10700	µg/L	N			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7439-95-4	Magnesium	11400	µg/L	Magnesium	7439-95-4	11400	µg/L	N			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7439-95-4	Magnesium	11400	µg/L	Magnesium	7439-95-4	11400	µg/L				TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7439-95-4	Magnesium	11800	µg/L	Magnesium	7439-95-4	11800	µg/L	N			TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7439-95-4	Magnesium	12000	µg/L	Magnesium	7439-95-4	12000	µg/L				TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7439-95-4	Magnesium	12100	µg/L	Magnesium	7439-95-4	12100	µg/L				TASL
B29TT9	399-2-32	10/18/11 13:17	N	7439-95-4	Magnesium	11900	µg/L	Magnesium	7439-95-4	11900	µg/L				TASL
B29TX6	399-3-33	10/18/11 9:45	N	7439-95-4	Magnesium	9950	µg/L	Magnesium	7439-95-4	9950	µg/L				TASL
B29YB4	399-3-33	10/18/11 9:45	Y	7439-95-4	Magnesium	10100	µg/L	Magnesium	7439-95-4	10100	µg/L				TASL
B29V97	399-4-15	10/18/11 8:52	Y	7439-95-4	Magnesium	11300	µg/L	Magnesium	7439-95-4	11300	µg/L				TASL
B29V98	399-4-15	10/18/11 8:52	N	7439-95-4	Magnesium	10600	µg/L	Magnesium	7439-95-4	10600	µg/L				TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7439-95-4	Magnesium	11200	µg/L	Magnesium	7439-95-4	11200	µg/L				TASL
B29VB7	399-6-3	10/26/11 11:15	N	7439-95-4	Magnesium	11600	µg/L	Magnesium	7439-95-4	11600	µg/L	N			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7439-95-4	Magnesium	11000	µg/L	Magnesium	7439-95-4	11000	µg/L	N			TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7439-95-4	Magnesium	11000	µg/L	Magnesium	7439-95-4	11000	µg/L				TASL
B29TN9	399-1-54	10/18/11 11:13	Y	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B29TP3	399-1-55	10/18/11 12:29	N	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B29TP6	399-1-56	10/18/11 11:50	N	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7439-96-5	Manganese	214	µg/L	Manganese	7439-96-5	214	µg/L				TASL
B29TP9	399-1-57	10/18/11 10:32	N	7439-96-5	Manganese	208	µg/L	Manganese	7439-96-5	208	µg/L				TASL
B29TR4	399-1-59	10/26/11 12:00	Y	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B29TR5	399-1-59	10/26/11 12:00	N	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B29TX6	399-3-33	10/18/11 9:45	N	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B29YB4	399-3-33	10/18/11 9:45	Y	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B29V97	399-4-15	10/18/11 8:52	Y	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B29V98	399-4-15	10/18/11 8:52	N	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B29VB7	399-6-3	10/26/11 11:15	N	7439-96-5	Manganese	3.3	µg/L	Manganese	7439-96-5	3.3	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7439-96-5	Manganese	50.6	µg/L	Manganese	7439-96-5	50.6	µg/L				TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7439-96-5	Manganese	47.4	µg/L	Manganese	7439-96-5	47.4	µg/L				TASL
B29TP0	399-1-54	10/18/11 11:13	N	75-09-2	Methylene chloride	1	µg/L	Methylene chloride	75-09-2	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	75-09-2	Methylene chloride	1	µg/L	Methylene chloride	75-09-2	1	µg/L	U			WSCF

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	METHOD_NAME	MEDIA	UserFlag	ReviewDate	ReviewComment	ALTERNATE _SAMP_NUM	ANAL_DATE _TIME	ANALYSIS_ BATCH_NUM	COLL_MTHD	COLL_SAMP_SIZE	COLL_SAMP_ SIZE_UNITS	COLLECTION _PURPOSE	COMPOSITE _FLAG	COUNTING _ERROR	DATE_ASSIGNED	DATE_LAST_MODIFIED	DILUT_FACTOR
B29TR4	6010_METALS_ICP	GW					11/9/11 17:01	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 20:35	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6010_METALS_ICP	GW					11/11/11 20:14	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP2	6010_METALS_ICP	GW					11/9/11 16:29	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP9	6010_METALS_ICP	GW					11/11/11 20:07	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/9/11 16:23	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT8	6010_METALS_ICP	GW					11/9/11 15:18	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	6010_METALS_ICP	GW					11/9/11 13:30	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6010_METALS_ICP	GW					11/9/11 12:42	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 14:46	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/9/11 15:24	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29V98	6010_METALS_ICP	GW					11/9/11 13:36	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB6	6010_METALS_ICP	GW					11/9/11 16:56	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6010_METALS_ICP	GW					11/11/11 20:28	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	6010_METALS_ICP	GW					11/11/11 20:21	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B2DR84	6010_METALS_ICP	GW					11/9/11 16:34	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TN9	6010_METALS_ICP	GW					11/9/11 14:57	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP0	6010_METALS_ICP	GW					11/9/11 13:19	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP2	6010_METALS_ICP	GW					11/9/11 15:02	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6010_METALS_ICP	GW					11/9/11 13:25	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP5	6010_METALS_ICP	GW					11/9/11 14:51	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6010_METALS_ICP	GW					11/9/11 13:14	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 15:29	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 13:41	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/9/11 17:01	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 20:35	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6010_METALS_ICP	GW					11/11/11 20:14	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP2	6010_METALS_ICP	GW					11/9/11 16:29	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP9	6010_METALS_ICP	GW					11/11/11 20:07	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/9/11 16:23	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT8	6010_METALS_ICP	GW					11/9/11 15:18	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	6010_METALS_ICP	GW					11/9/11 13:30	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6010_METALS_ICP	GW					11/9/11 12:42	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 14:46	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/9/11 15:24	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29V98	6010_METALS_ICP	GW					11/9/11 13:36	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB6	6010_METALS_ICP	GW					11/9/11 16:56	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6010_METALS_ICP	GW					11/11/11 20:28	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	6010_METALS_ICP	GW					11/11/11 20:21	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B2DR84	6010_METALS_ICP	GW					11/9/11 16:34	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TN9	6010_METALS_ICP	GW					11/9/11 14:57	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP0	6010_METALS_ICP	GW					11/9/11 13:19	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP2	6010_METALS_ICP	GW					11/9/11 15:02	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6010_METALS_ICP	GW					11/9/11 13:25	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP5	6010_METALS_ICP	GW					11/9/11 14:51	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6010_METALS_ICP	GW					11/9/11 13:14	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 15:29	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 13:41	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/9/11 17:01	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 20:35	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6010_METALS_ICP	GW					11/11/11 20:14	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP2	6010_METALS_ICP	GW					11/9/11 16:29	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP9	6010_METALS_ICP	GW					11/11/11 20:07	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/9/11 16:23	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT8	6010_METALS_ICP	GW					11/9/11 15:18	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	6010_METALS_ICP	GW					11/9/11 13:30	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6010_METALS_ICP	GW					11/9/11 12:42	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 14:46	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/9/11 15:24	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29V98	6010_METALS_ICP	GW					11/9/11 13:36	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB6	6010_METALS_ICP	GW					11/9/11 16:56	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6010_METALS_ICP	GW					11/11/11 20:28	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	6010_METALS_ICP	GW					11/11/11 20:21	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B2DR84	6010_METALS_ICP	GW					11/9/11 16:34	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	DISTILLATION_VOL	END_FLOW_RATE	EXPOSURE_HOURS	FIELD_QC_TYPE	FLOW_RATE_UNITS	LAB_COMMENT_CD	LAB_EXTRACTED_DATE	LAB_MATRIX_CODE	LAB_QC_TYPE	LAB_RECEIVED_DATE	LOAD_DATE_TIME	MATRIX	MIN_DETECTABLE_ACTIVITY
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	MOISTURE_DEC	OWNER_ID	PCNT_MOISTURE	PCNT_SOLIDS	REPORTING_LIMIT	REPORTING_LIMIT_TYPE	REQUIRED_DETECTION_LIMIT	RESULT_COMMENT	RESULT_RECEIVED_DATE	RETENTION_TIME	RRN	SAF_NUM	SAMP_ALIQUOT_SIZE
B29TR4		PNLGW			28.2	MDL	100		11/23/11 10:52		104266613	S11-012	50
B29TR5		PNLGW			28.2	MDL	100		11/23/11 10:52		104266630	S11-012	50
B2FWN9		PNLGW			28.2	MDL	100		11/23/11 10:52		104266787	S11-009	50
B2FWP2		PNLGW			28.2	MDL	100		11/23/11 10:52		104266723	S11-009	50
B2FWP9		PNLGW			28.2	MDL	100		11/23/11 10:52		104266768	S11-009	50
B2FWR2		PNLGW			28.2	MDL	100		11/23/11 10:52		104266752	S11-009	50
B29TT8		PNLGW			28.2	MDL	100		11/23/11 10:52		104266987	S11-012	50
B29TT9		PNLGW			28.2	MDL	100		11/23/11 10:52		104267005	S11-012	50
B29TX6		PNLGW			28.2	MDL	100		11/23/11 10:52		104267183	S11-012	50
B29YB4		PNLGW			28.2	MDL	100		11/23/11 10:52		104267144	S11-012	50
B29V97		PNLGW			28.2	MDL	100		11/23/11 10:52		104267019	S11-012	50
B29V98		PNLGW			28.2	MDL	100		11/23/11 10:52		104267037	S11-012	50
B29VB6		PNLGW			28.2	MDL	100		11/23/11 10:52		104266643	S11-012	50
B29VB7		PNLGW			28.2	MDL	100		11/23/11 10:52		104266685	S11-012	50
B2DR82		PNLGW			28.2	MDL	100		11/23/11 10:52		104266664	S11-006	50
B2DR84		PNLGW			28.2	MDL	100		11/23/11 10:52		104266742	S11-006	50
B29TN9		PNLGW			132	MDL	5000		11/23/11 10:52		104267073	S11-012	50
B29TP0		PNLGW			132	MDL	5000		11/23/11 10:52		104267090	S11-012	50
B29TP2		PNLGW			132	MDL	5000		11/23/11 10:52		104267109	S11-012	50
B29TP3		PNLGW			132	MDL	5000		11/23/11 10:52		104267127	S11-012	50
B29TP5		PNLGW			132	MDL	5000		11/23/11 10:52		104267163	S11-012	50
B29TP6		PNLGW			132	MDL	5000		11/23/11 10:52		104267054	S11-012	50
B29TP8		PNLGW			132	MDL	5000		11/23/11 10:52		104266881	S11-012	50
B29TP9		PNLGW			132	MDL	5000		11/23/11 10:52		104266899	S11-012	50
B29TR4		PNLGW			132	MDL	5000		11/23/11 10:52		104266614	S11-012	50
B29TR5		PNLGW			132	MDL	5000		11/23/11 10:52		104266631	S11-012	50
B2FWN9		PNLGW			132	MDL	5000		11/23/11 10:52		104266738	S11-009	50
B2FWP2		PNLGW			132	MDL	5000		11/23/11 10:52		104266724	S11-009	50
B2FWP9		PNLGW			132	MDL	5000		11/23/11 10:52		104266769	S11-009	50
B2FWR2		PNLGW			132	MDL	5000		11/23/11 10:52		104266753	S11-009	50
B29TT8		PNLGW			132	MDL	5000		11/23/11 10:52		104266988	S11-012	50
B29TT9		PNLGW			132	MDL	5000		11/23/11 10:52		104267006	S11-012	50
B29TX6		PNLGW			132	MDL	5000		11/23/11 10:52		104267184	S11-012	50
B29YB4		PNLGW			132	MDL	5000		11/23/11 10:52		104267145	S11-012	50
B29V97		PNLGW			132	MDL	5000		11/23/11 10:52		104267020	S11-012	50
B29V98		PNLGW			132	MDL	5000		11/23/11 10:52		104267038	S11-012	50
B29VB6		PNLGW			132	MDL	5000		11/23/11 10:52		104266644	S11-012	50
B29VB7		PNLGW			132	MDL	5000		11/23/11 10:52		104266686	S11-012	50
B2DR82		PNLGW			132	MDL	5000		11/23/11 10:52		104266665	S11-006	50
B2DR84		PNLGW			132	MDL	5000		11/23/11 10:52		104266743	S11-006	50
B29TN9		PNLGW			3.3	MDL	15		11/23/11 10:52		104267074	S11-012	50
B29TP0		PNLGW			3.3	MDL	15		11/23/11 10:52		104267091	S11-012	50
B29TP2		PNLGW			3.3	MDL	15		11/23/11 10:52		104267110	S11-012	50
B29TP3		PNLGW			3.3	MDL	15		11/23/11 10:52		104267128	S11-012	50
B29TP5		PNLGW			3.3	MDL	15		11/23/11 10:52		104267164	S11-012	50
B29TP6		PNLGW			3.3	MDL	15		11/23/11 10:52		104267055	S11-012	50
B29TP8		PNLGW			3.3	MDL	15		11/23/11 10:52		104266882	S11-012	50
B29TP9		PNLGW			3.3	MDL	15		11/23/11 10:52		104266900	S11-012	50
B29TR4		PNLGW			3.3	MDL	15		11/23/11 10:52		104266615	S11-012	50
B29TR5		PNLGW			3.3	MDL	15		11/23/11 10:52		104266632	S11-012	50
B2FWN9		PNLGW			3.3	MDL	15		11/23/11 10:52		104266739	S11-009	50
B2FWP2		PNLGW			3.3	MDL	15		11/23/11 10:52		104266725	S11-009	50
B2FWP9		PNLGW			3.3	MDL	15		11/23/11 10:52		104266770	S11-009	50
B2FWR2		PNLGW			3.3	MDL	15		11/23/11 10:52		104266754	S11-009	50
B29TT8		PNLGW			3.3	MDL	15		11/23/11 10:52		104266989	S11-012	50
B29TT9		PNLGW			3.3	MDL	15		11/23/11 10:52		104267007	S11-012	50
B29TX6		PNLGW			3.3	MDL	15		11/23/11 10:52		104267185	S11-012	50
B29YB4		PNLGW			3.3	MDL	15		11/23/11 10:52		104267146	S11-012	50
B29V97		PNLGW			3.3	MDL	15		11/23/11 10:52		104267021	S11-012	50
B29V98		PNLGW			3.3	MDL	15		11/23/11 10:52		104267039	S11-012	50
B29VB6		PNLGW			3.3	MDL	15		11/23/11 10:52		104266645	S11-012	50
B29VB7		PNLGW			3.3	MDL	15		11/23/11 10:52		104266687	S11-012	50
B2DR82		PNLGW			3.3	MDL	15		11/23/11 10:52		104266666	S11-006	50
B2DR84		PNLGW			3.3	MDL	15		11/23/11 10:52		104266703	S11-006	50
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777171	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777186	S11-012	5

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	SAMP_ALIQUOT_UNITS	SAMP_COMMENT	SAMP_DATE_TIME_ON	SAMP_FROM	SAMP_INTERVAL_BOTTOM	SAMP_INTERVAL_TOP	SAMP_INTERVAL_UNITS	SAMP_ITEM	SAMP_MTHD	SDG_NUM
B29TR4	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR4	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR4	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	START_FLOW_RATE	STD_COUNTING_ERROR	STD_MDA	STD_REPORTING_LIMIT	STD_REQUIRED_DETECTION_LIMIT	STD_SAMP_INTV_BOT	STD_SAMP_INTV_TOP	STD_SAMP_INTV_UNITS	STD_TOTAL_ANAL_ERROR	TAG_ID	TIC_FLAG	TOTAL_ANAL_ERROR
B29TR4				28.2	100							
B29TR5				28.2	100							
B2FWN9				28.2	100							
B2FWP2				28.2	100							
B2FWP9				28.2	100							
B2FWR2				28.2	100							
B29TT8				28.2	100							
B29TT9				28.2	100							
B29TX6				28.2	100							
B29YB4				28.2	100							
B29V97				28.2	100							
B29V98				28.2	100							
B29VB6				28.2	100							
B29VB7				28.2	100							
B2DR82				28.2	100							
B2DR84				28.2	100							
B29TN9				132	5000							
B29TP0				132	5000							
B29TP2				132	5000							
B29TP3				132	5000							
B29TP5				132	5000							
B29TP6				132	5000							
B29TP8				132	5000							
B29TP9				132	5000							
B29TR4				132	5000							
B29TR5				132	5000							
B2FWN9				132	5000							
B2FWP2				132	5000							
B2FWP9				132	5000							
B2FWR2				132	5000							
B29TT8				132	5000							
B29TT9				132	5000							
B29TX6				132	5000							
B29YB4				132	5000							
B29V97				132	5000							
B29V98				132	5000							
B29VB6				132	5000							
B29VB7				132	5000							
B2DR82				132	5000							
B2DR84				132	5000							
B29TN9				3.3	15							
B29TP0				3.3	15							
B29TP2				3.3	15							
B29TP3				3.3	15							
B29TP5				3.3	15							
B29TP6				3.3	15							
B29TP8				3.3	15							
B29TP9				3.3	15							
B29TR4				3.3	15							
B29TR5				3.3	15							
B2FWN9				3.3	15							
B2FWP2				3.3	15							
B2FWP9				3.3	15							
B2FWR2				3.3	15							
B29TT8				3.3	15							
B29TT9				3.3	15							
B29TX6				3.3	15							
B29YB4				3.3	15							
B29V97				3.3	15							
B29V98				3.3	15							
B29VB6				3.3	15							
B29VB7				3.3	15							
B2DR82				3.3	15							
B2DR84				3.3	15							
B29TP0				1								
B29TP3				1								

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	WELL_NAME	SAMP_DATE_TIME	FILTERED _FLAG	STD_CON_ID	STD_CON_LONG_NAME	STD_VALUE_RPTD	STD_ANAL_ UNITS_RPTD	CON_LONG_NAME	CON_ID	VALUE_RPTD	ANAL_UNITS _RPTD	LAB_ QUALIFIER	REVIEW_ QUALIFIER	VALIDATION _QUALIFIER	LAB_CODE
B29TP6	399-1-56	10/18/11 11:50	N	75-09-2	Methylene chloride	1	µg/L	Methylene chloride	75-09-2	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	75-09-2	Methylene chloride	1	µg/L	Methylene chloride	75-09-2	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	75-09-2	Methylene chloride	0.27	µg/L	Methylene chloride	75-09-2	0.27	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	75-09-2	Methylene chloride	1	µg/L	Methylene chloride	75-09-2	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	75-09-2	Methylene chloride	1	µg/L	Methylene chloride	75-09-2	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	75-09-2	Methylene chloride	1	µg/L	Methylene chloride	75-09-2	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	75-09-2	Methylene chloride	0.27	µg/L	Methylene chloride	75-09-2	0.27	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	75-09-2	Methylene chloride	0.27	µg/L	Methylene chloride	75-09-2	0.27	µg/L	U			TASL
B29TN9	399-1-54	10/18/11 11:13	Y	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29TP3	399-1-55	10/18/11 12:29	N	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29TP6	399-1-56	10/18/11 11:50	N	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29TP9	399-1-57	10/18/11 10:32	N	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29TR4	399-1-59	10/26/11 12:00	Y	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29TR5	399-1-59	10/26/11 12:00	N	7440-02-0	Nickel	66.5	µg/L	Nickel	7440-02-0	66.5	µg/L	UD			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7440-02-0	Nickel	66.5	µg/L	Nickel	7440-02-0	66.5	µg/L	UD			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7440-02-0	Nickel	66.5	µg/L	Nickel	7440-02-0	66.5	µg/L	UD			TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29TX6	399-3-33	10/18/11 9:45	N	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29YB4	399-3-33	10/18/11 9:45	Y	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29V97	399-4-15	10/18/11 8:52	Y	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29V98	399-4-15	10/18/11 8:52	N	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29VB7	399-6-3	10/26/11 11:15	N	7440-02-0	Nickel	66.5	µg/L	Nickel	7440-02-0	66.5	µg/L	UD			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7440-02-0	Nickel	66.5	µg/L	Nickel	7440-02-0	66.5	µg/L	UD			TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7440-02-0	Nickel	13.3	µg/L	Nickel	7440-02-0	13.3	µg/L	U			TASL
B29WC0	399-1-54	10/18/11 11:13	N	14797-55-8	Nitrate	28100	µg/L	Nitrogen in Nitrate	NO3-N	6.34	ug/mL	D			WSCF
B29WC1	399-1-55	10/18/11 12:29	N	14797-55-8	Nitrate	29300	µg/L	Nitrogen in Nitrate	NO3-N	6.62	ug/mL	D			WSCF
B29WC2	399-1-56	10/18/11 11:50	N	14797-55-8	Nitrate	27000	µg/L	Nitrogen in Nitrate	NO3-N	6.11	ug/mL	D			WSCF
B29WC3	399-1-57	10/18/11 10:32	N	14797-55-8	Nitrate	168	µg/L	Nitrogen in Nitrate	NO3-N	0.038	ug/mL	UD			WSCF
B29WC5	399-1-59	10/26/11 12:00	N	14797-55-8	Nitrate	27400	µg/L	Nitrogen in Nitrate	NO3-N	6.2	mg/L	D			TASL
B2FWP1	399-1-62	10/19/11 10:39	N	14797-55-8	Nitrate	141000	µg/L	Nitrogen in Nitrate	NO3-N	31.9	ug/mL	D			WSCF
B2FWR1	399-1-64	10/19/11 11:26	N	14797-55-8	Nitrate	26200	µg/L	Nitrogen in Nitrate	NO3-N	5.92	ug/mL	D			WSCF
B29WC9	399-2-32	10/18/11 13:17	N	14797-55-8	Nitrate	27500	µg/L	Nitrogen in Nitrate	NO3-N	6.22	ug/mL	D			WSCF
B29WD5	399-3-33	10/18/11 9:45	N	14797-55-8	Nitrate	24900	µg/L	Nitrogen in Nitrate	NO3-N	5.62	ug/mL	D			WSCF
B29WD6	399-4-15	10/18/11 8:52	N	14797-55-8	Nitrate	28000	µg/L	Nitrogen in Nitrate	NO3-N	6.33	ug/mL	D			WSCF
B29WD7	399-6-3	10/26/11 11:15	N	14797-55-8	Nitrate	28800	µg/L	Nitrogen in Nitrate	NO3-N	6.5	mg/L	D			TASL
B2DR83	399-6-5	10/26/11 10:22	N	14797-55-8	Nitrate	29200	µg/L	Nitrogen in Nitrate	NO3-N	6.6	mg/L	D			TASL
B29WC0	399-1-54	10/18/11 11:13	N	14797-65-0	Nitrite	131	µg/L	Nitrogen in Nitrite	NO2-N	0.04	ug/mL	UD			WSCF
B29WC1	399-1-55	10/18/11 12:29	N	14797-65-0	Nitrite	289	µg/L	Nitrogen in Nitrite	NO2-N	0.0881	ug/mL	BD			WSCF
B29WC2	399-1-56	10/18/11 11:50	N	14797-65-0	Nitrite	276	µg/L	Nitrogen in Nitrite	NO2-N	0.0839	ug/mL	BD			WSCF
B29WC3	399-1-57	10/18/11 10:32	N	14797-65-0	Nitrite	323	µg/L	Nitrogen in Nitrite	NO2-N	0.0983	ug/mL	BD			WSCF
B29WC5	399-1-59	10/26/11 12:00	N	14797-65-0	Nitrite	9.85	µg/L	Nitrogen in Nitrite	NO2-N	0.003	mg/L	U			TASL
B2FWP1	399-1-62	10/19/11 10:39	N	14797-65-0	Nitrite	286	µg/L	Nitrogen in Nitrite	NO2-N	0.087	ug/mL	BD			WSCF
B2FWR1	399-1-64	10/19/11 11:26	N	14797-65-0	Nitrite	232	µg/L	Nitrogen in Nitrite	NO2-N	0.0707	ug/mL	BD			WSCF
B29WC9	399-2-32	10/18/11 13:17	N	14797-65-0	Nitrite	303	µg/L	Nitrogen in Nitrite	NO2-N	0.0923	ug/mL	BD			WSCF
B29WD5	399-3-33	10/18/11 9:45	N	14797-65-0	Nitrite	282	µg/L	Nitrogen in Nitrite	NO2-N	0.0858	ug/mL	BD			WSCF
B29WD6	399-4-15	10/18/11 8:52	N	14797-65-0	Nitrite	222	µg/L	Nitrogen in Nitrite	NO2-N	0.0676	ug/mL	BD			WSCF
B29WD7	399-6-3	10/26/11 11:15	N	14797-65-0	Nitrite	9.85	µg/L	Nitrogen in Nitrite	NO2-N	0.003	mg/L	U			TASL
B2DR83	399-6-5	10/26/11 10:22	N	14797-65-0	Nitrite	88.7	µg/L	Nitrogen in Nitrite	NO2-N	0.027	mg/L				TASL
B29TP1	399-1-54	10/18/11 11:13	N	EH	Oxidation Reduction Potential	287.7	mV	Oxidation Reduction Potential	EH	287.7	mV				FIELD
B29TP4	399-1-55	10/18/11 12:29	N	EH	Oxidation Reduction Potential	340.1	mV	Oxidation Reduction Potential	EH	340.1	mV				FIELD
B29TP7	399-1-56	10/18/11 11:50	N	EH	Oxidation Reduction Potential	325.4	mV	Oxidation Reduction Potential	EH	325.4	mV				FIELD
B29TR0	399-1-57	10/18/11 10:32	N	EH	Oxidation Reduction Potential	137.9	mV	Oxidation Reduction Potential	EH	137.9	mV				FIELD
B29TR3	399-1-58	11/1/11 9:50	N	EH	Oxidation Reduction Potential	356.3	mV	Oxidation Reduction Potential	EH	356.3	mV				FIELD
B29TR6	399-1-59	10/26/11 12:00	N	EH	Oxidation Reduction Potential	153.3	mV	Oxidation Reduction Potential	EH	153.3	mV				FIELD
B2FWN8	399-1-62	10/19/11 10:39	N	EH	Oxidation Reduction Potential	372.3	mV	Oxidation Reduction Potential	EH	372.3	mV				FIELD
B2FWP8	399-1-64	10/19/11 11:26	N	EH	Oxidation Reduction Potential	381.6	mV	Oxidation Reduction Potential	EH	381.6	mV				FIELD
B29TV0	399-2-32	10/18/11 13:17	N	EH	Oxidation Reduction Potential	351.2	mV	Oxidation Reduction Potential	EH	351.2	mV				FIELD
B29TX5	399-3-33	10/18/11 9:45	N	EH	Oxidation Reduction Potential	343.4	mV	Oxidation Reduction Potential	EH	343.4	mV				FIELD

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	METHOD_NAME	MEDIA	UserFlag	ReviewDate	ReviewComment	ALTERNATE _SAMP_NUM	ANAL_DATE _TIME	ANALYSIS_ BATCH_NUM	COLL_MTHD	COLL_SAMP_SIZE	COLL_SAMP_ SIZE_UNITS	COLLECTION _PURPOSE	COMPOSITE _FLAG	COUNTING _ERROR	DATE_ASSIGNED	DATE_LAST_MODIFIED	DILUT_FACTOR
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TN9	6010_METALS_ICP	GW					11/9/11 14:57	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP0	6010_METALS_ICP	GW					11/9/11 13:19	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP2	6010_METALS_ICP	GW					11/9/11 15:02	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6010_METALS_ICP	GW					11/9/11 13:25	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP5	6010_METALS_ICP	GW					11/9/11 14:51	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6010_METALS_ICP	GW					11/9/11 13:14	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 15:29	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 13:41	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/9/11 17:01	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 17:37	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	5
B2FWN9	6010_METALS_ICP	GW					11/11/11 17:16	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	5
B2FWP2	6010_METALS_ICP	GW					11/9/11 16:29	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP9	6010_METALS_ICP	GW					11/11/11 16:55	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	5
B2FWR2	6010_METALS_ICP	GW					11/9/11 16:23	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT8	6010_METALS_ICP	GW					11/9/11 15:18	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	6010_METALS_ICP	GW					11/9/11 13:30	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6010_METALS_ICP	GW					11/9/11 12:42	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 14:46	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/9/11 15:24	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29V98	6010_METALS_ICP	GW					11/9/11 13:36	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB6	6010_METALS_ICP	GW					11/9/11 16:56	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6010_METALS_ICP	GW					11/11/11 17:30	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	5
B2DR82	6010_METALS_ICP	GW					11/11/11 17:23	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	5
B2DR84	6010_METALS_ICP	GW					11/9/11 16:34	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29WC0	300.0_ANIONS_IC	GW					10/18/11 19:07	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC1	300.0_ANIONS_IC	GW					10/18/11 18:11	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC2	300.0_ANIONS_IC	GW					10/18/11 18:48	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC3	300.0_ANIONS_IC	GW					10/18/11 19:26	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC5	300.0_ANIONS_IC	GW					10/29/11 7:47	6/6/95 0:00				R			12/7/10 12:22	11/28/11 7:17	20
B2FWP1	300.0_ANIONS_IC	GW					10/19/11 19:46	10/28/23 0:00				R			7/22/11 14:13	11/7/11 9:19	10
B2FWR1	300.0_ANIONS_IC	GW					10/19/11 19:07	10/28/23 0:00				R			7/22/11 14:13	11/7/11 9:19	2
B29WC9	300.0_ANIONS_IC	GW					10/18/11 18:30	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD5	300.0_ANIONS_IC	GW					10/18/11 19:45	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD6	300.0_ANIONS_IC	GW					10/18/11 20:04	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD7	300.0_ANIONS_IC	GW					10/29/11 5:43	6/6/95 0:00				R			12/7/10 12:22	11/28/11 7:17	20
B2DR83	300.0_ANIONS_IC	GW					10/28/11 10:07	6/6/95 0:00				R			5/4/11 12:36	11/28/11 7:17	20
B29WC0	300.0_ANIONS_IC	GW					10/18/11 19:07	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC1	300.0_ANIONS_IC	GW					10/18/11 18:11	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC2	300.0_ANIONS_IC	GW					10/18/11 18:48	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC3	300.0_ANIONS_IC	GW					10/18/11 19:26	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC5	300.0_ANIONS_IC	GW					10/29/11 7:06	6/5/95 0:00				R			12/7/10 12:22	11/28/11 7:17	1
B2FWP1	300.0_ANIONS_IC	GW					10/19/11 19:26	10/28/23 0:00				R			7/22/11 14:13	11/7/11 9:19	2
B2FWR1	300.0_ANIONS_IC	GW					10/19/11 19:07	10/28/23 0:00				R			7/22/11 14:13	11/7/11 9:19	2
B29WC9	300.0_ANIONS_IC	GW					10/18/11 18:30	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD5	300.0_ANIONS_IC	GW					10/18/11 19:45	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD6	300.0_ANIONS_IC	GW					10/18/11 20:04	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD7	300.0_ANIONS_IC	GW					10/29/11 5:02	6/5/95 0:00				R			12/7/10 12:22	11/28/11 7:17	1
B2DR83	300.0_ANIONS_IC	GW					10/28/11 21:26	6/5/95 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP1	REDOX_PROBE_FLD	GW					10/18/11 11:13					R			12/6/10 9:32	12/2/11 11:35	
B29TP4	REDOX_PROBE_FLD	GW					10/18/11 12:29					R			12/6/10 9:32	12/2/11 11:34	
B29TP7	REDOX_PROBE_FLD	GW										R			12/6/10 9:32	12/2/11 11:31	
B29TR0	REDOX_PROBE_FLD	GW					10/18/11 10:32					R			12/6/10 9:32	12/2/11 10:43	
B29TR3	REDOX_PROBE_FLD	GW					11/1/11 9:50					R			12/6/10 9:32	11/3/11 9:18	
B29TR6	REDOX_PROBE_FLD	GW					10/26/11 12:00					R			12/6/10 9:32	12/2/11 11:53	
B2FWN8	REDOX_PROBE_FLD	GW					10/19/11 10:39					R			7/22/11 14:13	12/2/11 11:43	
B2FWP8	REDOX_PROBE_FLD	GW					10/19/11 11:26					R			7/22/11 14:13	12/2/11 11:44	
B29TV0	REDOX_PROBE_FLD	GW					10/18/11 13:17					R			12/6/10 9:32	12/2/11 11:37	
B29TX5	REDOX_PROBE_FLD	GW					10/18/11 9:45					R			12/6/10 9:33	12/2/11 11:36	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	DISTILLATION_VOL	END_FLOW_RATE	EXPOSURE_HOURS	FIELD_QC_TYPE	FLOW_RATE_UNITS	LAB_COMMENT_CD	LAB_EXTRACTED_DATE	LAB_MATRIX_CODE	LAB_QC_TYPE	LAB_RECEIVED_DATE	LOAD_DATE_TIME	MATRIX	MIN_DETECTABLE_ACTIVITY
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29WC0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC1								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC2								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWP1								WATER		10/19/11 0:00	11/7/11 9:19	WATER	
B2FWR1								WATER		10/19/11 0:00	11/7/11 9:19	WATER	
B29WC9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD5								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR83								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29WC0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC1								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC2								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWP1								WATER		10/19/11 0:00	11/7/11 9:19	WATER	
B2FWR1								WATER		10/19/11 0:00	11/7/11 9:19	WATER	
B29WC9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD5								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR83								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP1								WATER			12/2/11 11:35	WATER	
B29TP4								WATER			12/2/11 11:34	WATER	
B29TP7								WATER			12/2/11 11:31	WATER	
B29TR0								WATER			12/2/11 10:43	WATER	
B29TR3								WATER			11/3/11 9:18	WATER	
B29TR6								WATER			12/2/11 11:53	WATER	
B2FWN8								WATER			12/2/11 11:43	WATER	
B2FWP8								WATER			12/2/11 11:44	WATER	
B29TV0								WATER			12/2/11 11:37	WATER	
B29TX5								WATER			12/2/11 11:36	WATER	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	MOISTURE_DEC	OWNER_ID	PCNT_MOISTURE	PCNT_SOLIDS	REPORTING_LIMIT	REPORTING_LIMIT_TYPE	REQUIRED_DETECTION_LIMIT	RESULT_COMMENT	RESULT_RECEIVED_DATE	RETENTION_TIME	RRN	SAF_NUM	SAMP_ALIQUOT_SIZE
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777268	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777094	S11-012	5
B29TR5		PNLGW			0.27	MDL	1		11/23/11 10:52		104267223	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777239	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777209	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777141	S11-012	5
B29VB7		PNLGW			0.27	MDL	1		11/23/11 10:52		104267195	S11-012	25
B2DR82		PNLGW			0.27	MDL	1		11/23/11 10:52		104267256	S11-006	25
B29TN9		PNLGW			13.3	MDL	40		11/23/11 10:52		104267075	S11-012	50
B29TP0		PNLGW			13.3	MDL	40		11/23/11 10:52		104267092	S11-012	50
B29TP2		PNLGW			13.3	MDL	40		11/23/11 10:52		104267111	S11-012	50
B29TP3		PNLGW			13.3	MDL	40		11/23/11 10:52		104267044	S11-012	50
B29TP5		PNLGW			13.3	MDL	40		11/23/11 10:52		104267165	S11-012	50
B29TP6		PNLGW			13.3	MDL	40		11/23/11 10:52		104267056	S11-012	50
B29TP8		PNLGW			13.3	MDL	40		11/23/11 10:52		104266883	S11-012	50
B29TP9		PNLGW			13.3	MDL	40		11/23/11 10:52		104266901	S11-012	50
B29TR4		PNLGW			13.3	MDL	40		11/23/11 10:52		104266616	S11-012	50
B29TR5		PNLGW			66.5	MDL	200		11/23/11 10:52		104266633	S11-012	50
B2FWN9		PNLGW			66.5	MDL	200		11/23/11 10:52		104266707	S11-009	50
B2FWP2		PNLGW			13.3	MDL	40		11/23/11 10:52		104266726	S11-009	50
B2FWP9		PNLGW			66.5	MDL	200		11/23/11 10:52		104266771	S11-009	50
B2FWR2		PNLGW			13.3	MDL	40		11/23/11 10:52		104266755	S11-009	50
B29TT8		PNLGW			13.3	MDL	40		11/23/11 10:52		104266990	S11-012	50
B29TT9		PNLGW			13.3	MDL	40		11/23/11 10:52		104267008	S11-012	50
B29TX6		PNLGW			13.3	MDL	40		11/23/11 10:52		104267186	S11-012	50
B29YB4		PNLGW			13.3	MDL	40		11/23/11 10:52		104267147	S11-012	50
B29V97		PNLGW			13.3	MDL	40		11/23/11 10:52		104267022	S11-012	50
B29V98		PNLGW			13.3	MDL	40		11/23/11 10:52		104266961	S11-012	50
B29VB6		PNLGW			13.3	MDL	40		11/23/11 10:52		104266646	S11-012	50
B29VB7		PNLGW			66.5	MDL	200		11/23/11 10:52		104266688	S11-012	50
B2DR82		PNLGW			66.5	MDL	200		11/23/11 10:52		104266667	S11-006	50
B2DR84		PNLGW			13.3	MDL	40		11/23/11 10:52		104266704	S11-006	50
B29WC0		PNLGW			0.038	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777046	S11-012	10
B29WC1		PNLGW			0.038	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777114	S11-012	10
B29WC2		PNLGW			0.038	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777039	S11-012	10
B29WC3		PNLGW			0.038	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777058	S11-012	10
B29WC5		PNLGW			0.17	MDL	0.4		11/23/11 10:52		104266583	S11-012	5
B2FWP1		PNLGW			0.19	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:42		101776708	S11-009	10
B2FWR1		PNLGW			0.038	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:42		101776712	S11-009	10
B29WC9		PNLGW			0.038	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777121	S11-012	10
B29WD5		PNLGW			0.038	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777065	S11-012	10
B29WD6		PNLGW			0.038	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777054	S11-012	10
B29WD7		PNLGW			0.17	MDL	0.4		11/23/11 10:52		104266576	S11-012	5
B2DR83		PNLGW			0.17	MDL	0.4		11/23/11 10:52		104266601	S11-006	5
B29WC0		PNLGW			0.04	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777044	S11-012	10
B29WC1		PNLGW			0.04	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777112	S11-012	10
B29WC2		PNLGW			0.04	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777037	S11-012	10
B29WC3		PNLGW			0.04	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777051	S11-012	10
B29WC5		PNLGW			0.003	MDL	0.02		11/23/11 10:52		104266582	S11-012	5
B2FWP1		PNLGW			0.04	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:42		101776709	S11-009	10
B2FWR1		PNLGW			0.04	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:42		101776714	S11-009	10
B29WC9		PNLGW			0.04	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777119	S11-012	10
B29WD5		PNLGW			0.04	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777063	S11-012	10
B29WD6		PNLGW			0.04	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777052	S11-012	10
B29WD7		PNLGW			0.003	MDL	0.02		11/23/11 10:52		104266575	S11-012	5
B2DR83		PNLGW			0.003	MDL	0.02		11/23/11 10:52		104266600	S11-006	5
B29TP1		PNLGW									104270499	S11-012	
B29TP4		PNLGW									104270493	S11-012	
B29TP7		PNLGW									104270487	S11-012	
B29TR0		PNLGW									104270463	S11-012	
B29TR3		PNLGW									101773431	S11-012	
B29TR6		PNLGW									104270614	S11-012	
B2FWN8		PNLGW									104270528	S11-009	
B2FWP8		PNLGW									104270534	S11-009	
B29TV0		PNLGW									104270511	S11-012	
B29TX5		PNLGW									104270505	S11-012	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	SAMP_ALIQUOT_UNITS	SAMP_COMMENT	SAMP_DATE_TIME_ON	SAMP_FROM	SAMP_INTERVAL_BOTTOM	SAMP_INTERVAL_TOP	SAMP_INTERVAL_UNITS	SAMP_ITEM	SAMP_MTHD	SDG_NUM
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR4	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191
B29WC0	mL									WSCF113380
B29WC1	mL									WSCF113380
B29WC2	mL									WSCF113380
B29WC3	mL									WSCF113380
B29WC5	mL	DIVERTED								SL1191
B2FWP1	mL									WSCF113385
B2FWR1	mL									WSCF113385
B29WC9	mL									WSCF113380
B29WD5	mL									WSCF113380
B29WD6	mL									WSCF113380
B29WD7	mL	DIVERTED								SL1191
B2DR83	mL	DIVERTED								SL1191
B29WC0	mL									WSCF113380
B29WC1	mL									WSCF113380
B29WC2	mL									WSCF113380
B29WC3	mL									WSCF113380
B29WC5	mL	DIVERTED								SL1191
B2FWP1	mL									WSCF113385
B2FWR1	mL									WSCF113385
B29WC9	mL									WSCF113380
B29WD5	mL									WSCF113380
B29WD6	mL									WSCF113380
B29WD7	mL	DIVERTED								SL1191
B2DR83	mL	DIVERTED								SL1191
B29TP1										UNKNOWN
B29TP4										UNKNOWN
B29TP7										UNKNOWN
B29TR0										UNKNOWN
B29TR3		VERIFIED - KWH 11-7-11								UNKNOWN
B29TR6										UNKNOWN
B2FWN8										UNKNOWN
B2FWP8										UNKNOWN
B29TV0										UNKNOWN
B29TX5										UNKNOWN

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	START_FLOW_RATE	STD_COUNTING_ERROR	STD_MDA	STD_REPORTING_LIMIT	STD_REQUIRED_DETECTION_LIMIT	STD_SAMP_INTV_BOT	STD_SAMP_INTV_TOP	STD_SAMP_INTV_UNITS	STD_TOTAL_ANAL_ERROR	TAG_ID	TIC_FLAG	TOTAL_ANAL_ERROR
B29TP6				1								
B29TP9				1								
B29TR5				0.27	1							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.27	1							
B2DR82				0.27	1							
B29TN9				13.3	40							
B29TP0				13.3	40							
B29TP2				13.3	40							
B29TP3				13.3	40							
B29TP5				13.3	40							
B29TP6				13.3	40							
B29TP8				13.3	40							
B29TP9				13.3	40							
B29TR4				13.3	40							
B29TR5				66.5	200							
B2FWN9				66.5	200							
B2FWP2				13.3	40							
B2FWP9				66.5	200							
B2FWR2				13.3	40							
B29TT8				13.3	40							
B29TT9				13.3	40							
B29TX6				13.3	40							
B29YB4				13.3	40							
B29V97				13.3	40							
B29V98				13.3	40							
B29VB6				13.3	40							
B29VB7				66.5	200							
B2DR82				66.5	200							
B2DR84				13.3	40							
B29WC0				168								
B29WC1				168								
B29WC2				168								
B29WC3				168								
B29WC5				753	1770							
B2FWP1				841								
B2FWR1				168								
B29WC9				168								
B29WD5				168								
B29WD6				168								
B29WD7				753	1770							
B2DR83				753	1770							
B29WC0				131								
B29WC1				131								
B29WC2				131								
B29WC3				131								
B29WC5				9.85	65.7							
B2FWP1				131								
B2FWR1				131								
B29WC9				131								
B29WD5				131								
B29WD6				131								
B29WD7				9.85	65.7							
B2DR83				9.85	65.7							
B29TP1												
B29TP4												
B29TP7												
B29TR0												
B29TR3												
B29TR6												
B2FWN8												
B2FWP8												
B29TV0												
B29TX5												

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	WELL_NAME	SAMP_DATE_TIME	FILTERED _FLAG	STD_CON_ID	STD_CON_LONG_NAME	STD_VALUE_RPTD	STD_ANAL_ UNITS_RPTD	CON_LONG_NAME	CON_ID	VALUE_RPTD	ANAL_UNITS _RPTD	LAB_ QUALIFIER	REVIEW_ QUALIFIER	VALIDATION _QUALIFIER	LAB_CODE
B2FWX8	399-3-38	11/1/11 9:00	N	EH	Oxidation Reduction Potential	383.6	mV	Oxidation Reduction Potential	EH	383.6	mV				FIELD
B29V99	399-4-15	10/18/11 8:52	N	EH	Oxidation Reduction Potential	367.9	mV	Oxidation Reduction Potential	EH	367.9	mV				FIELD
B29VB8	399-6-3	10/26/11 11:15	N	EH	Oxidation Reduction Potential	143	mV	Oxidation Reduction Potential	EH	143	mV				FIELD
B2DR81	399-6-5	10/26/11 10:22	N	EH	Oxidation Reduction Potential	140.8	mV	Oxidation Reduction Potential	EH	140.8	mV				FIELD
B29TP1	399-1-54	10/18/11 11:13	N	PH	pH Measurement	7.59	unitless	pH Measurement	PH	7.59	unitless				FIELD
B29TP4	399-1-55	10/18/11 12:29	N	PH	pH Measurement	7.62	unitless	pH Measurement	PH	7.62	unitless				FIELD
B29TP7	399-1-56	10/18/11 11:50	N	PH	pH Measurement	7.7	unitless	pH Measurement	PH	7.7	unitless				FIELD
B29TR0	399-1-57	10/18/11 10:32	N	PH	pH Measurement	7.81	unitless	pH Measurement	PH	7.81	unitless				FIELD
B29TR3	399-1-58	11/1/11 9:50	N	PH	pH Measurement	7.68	unitless	pH Measurement	PH	7.68	unitless				FIELD
B29TR6	399-1-59	10/26/11 12:00	N	PH	pH Measurement	7.65	unitless	pH Measurement	PH	7.65	unitless				FIELD
B2FWN8	399-1-62	10/19/11 10:39	N	PH	pH Measurement	7.66	unitless	pH Measurement	PH	7.66	unitless				FIELD
B2FWP8	399-1-64	10/19/11 11:26	N	PH	pH Measurement	7.47	unitless	pH Measurement	PH	7.47	unitless				FIELD
B29TV0	399-2-32	10/18/11 13:17	N	PH	pH Measurement	7.51	unitless	pH Measurement	PH	7.51	unitless				FIELD
B29TX5	399-3-33	10/18/11 9:45	N	PH	pH Measurement	7.33	unitless	pH Measurement	PH	7.33	unitless				FIELD
B2FWX8	399-3-38	11/1/11 9:00	N	PH	pH Measurement	7.3	unitless	pH Measurement	PH	7.3	unitless				FIELD
B29V99	399-4-15	10/18/11 8:52	N	PH	pH Measurement	7.51	unitless	pH Measurement	PH	7.51	unitless				FIELD
B29VB8	399-6-3	10/26/11 11:15	N	PH	pH Measurement	7.71	unitless	pH Measurement	PH	7.71	unitless				FIELD
B2DR81	399-6-5	10/26/11 10:22	N	PH	pH Measurement	7.96	unitless	pH Measurement	PH	7.96	unitless				FIELD
B29WC0	399-1-54	10/18/11 11:13	N	14265-44-2	Phosphate	307	µg/L	Phosphorus in phosphate	PO4-P	0.1	ug/mL	UD			WSCF
B29WC1	399-1-55	10/18/11 12:29	N	14265-44-2	Phosphate	307	µg/L	Phosphorus in phosphate	PO4-P	0.1	ug/mL	UD			WSCF
B29WC2	399-1-56	10/18/11 11:50	N	14265-44-2	Phosphate	307	µg/L	Phosphorus in phosphate	PO4-P	0.1	ug/mL	UD			WSCF
B29WC3	399-1-57	10/18/11 10:32	N	14265-44-2	Phosphate	307	µg/L	Phosphorus in phosphate	PO4-P	0.1	ug/mL	UD			WSCF
B29WC5	399-1-59	10/26/11 12:00	N	14265-44-2	Phosphate	166	µg/L	Phosphorus in phosphate	PO4-P	0.054	mg/L	UN			TASL
B2FWP1	399-1-62	10/19/11 10:39	N	14265-44-2	Phosphate	307	µg/L	Phosphorus in phosphate	PO4-P	0.1	ug/mL	UD			WSCF
B2FWR1	399-1-64	10/19/11 11:26	N	14265-44-2	Phosphate	307	µg/L	Phosphorus in phosphate	PO4-P	0.1	ug/mL	UD			WSCF
B29WC9	399-2-32	10/18/11 13:17	N	14265-44-2	Phosphate	396	µg/L	Phosphorus in phosphate	PO4-P	0.129	ug/mL	BD			WSCF
B29WD5	399-3-33	10/18/11 9:45	N	14265-44-2	Phosphate	307	µg/L	Phosphorus in phosphate	PO4-P	0.1	ug/mL	UD			WSCF
B29WD6	399-4-15	10/18/11 8:52	N	14265-44-2	Phosphate	307	µg/L	Phosphorus in phosphate	PO4-P	0.1	ug/mL	UD			WSCF
B29WD7	399-6-3	10/26/11 11:15	N	14265-44-2	Phosphate	166	µg/L	Phosphorus in phosphate	PO4-P	0.054	mg/L	UN			TASL
B2DR83	399-6-5	10/26/11 10:22	N	14265-44-2	Phosphate	166	µg/L	Phosphorus in phosphate	PO4-P	0.054	mg/L	UN			TASL
B29TN9	399-1-54	10/18/11 11:13	Y	9/7/7440	Potassium	5760	µg/L	Potassium	9/7/7440	5760	µg/L				TASL
B29TP0	399-1-54	10/18/11 11:13	N	9/7/7440	Potassium	6880	µg/L	Potassium	9/7/7440	6880	µg/L				TASL
B29TP2	399-1-55	10/18/11 12:29	Y	9/7/7440	Potassium	3290	µg/L	Potassium	9/7/7440	3290	µg/L	B			TASL
B29TP3	399-1-55	10/18/11 12:29	N	9/7/7440	Potassium	3560	µg/L	Potassium	9/7/7440	3560	µg/L	B			TASL
B29TP5	399-1-56	10/18/11 11:50	Y	9/7/7440	Potassium	4420	µg/L	Potassium	9/7/7440	4420	µg/L	B			TASL
B29TP6	399-1-56	10/18/11 11:50	N	9/7/7440	Potassium	2280	µg/L	Potassium	9/7/7440	2280	µg/L	B			TASL
B29TP8	399-1-57	10/18/11 10:32	Y	9/7/7440	Potassium	4380	µg/L	Potassium	9/7/7440	4380	µg/L	B			TASL
B29TP9	399-1-57	10/18/11 10:32	N	9/7/7440	Potassium	7730	µg/L	Potassium	9/7/7440	7730	µg/L				TASL
B29TR4	399-1-59	10/26/11 12:00	Y	9/7/7440	Potassium	7790	µg/L	Potassium	9/7/7440	7790	µg/L				TASL
B29TR5	399-1-59	10/26/11 12:00	N	9/7/7440	Potassium	8250	µg/L	Potassium	9/7/7440	8250	µg/L	UD			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	9/7/7440	Potassium	7560	µg/L	Potassium	9/7/7440	7560	µg/L				TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	9/7/7440	Potassium	7410	µg/L	Potassium	9/7/7440	7410	µg/L				TASL
B2FWP9	399-1-64	10/19/11 11:26	N	9/7/7440	Potassium	6060	µg/L	Potassium	9/7/7440	6060	µg/L				TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	9/7/7440	Potassium	1710	µg/L	Potassium	9/7/7440	1710	µg/L	B			TASL
B29TT8	399-2-32	10/18/11 13:17	Y	9/7/7440	Potassium	6160	µg/L	Potassium	9/7/7440	6160	µg/L				TASL
B29TT9	399-2-32	10/18/11 13:17	N	9/7/7440	Potassium	2020	µg/L	Potassium	9/7/7440	2020	µg/L	B			TASL
B29TX6	399-3-33	10/18/11 9:45	N	9/7/7440	Potassium	4020	µg/L	Potassium	9/7/7440	4020	µg/L	B			TASL
B29YB4	399-3-33	10/18/11 9:45	Y	9/7/7440	Potassium	4940	µg/L	Potassium	9/7/7440	4940	µg/L	B			TASL
B29V97	399-4-15	10/18/11 8:52	Y	9/7/7440	Potassium	5480	µg/L	Potassium	9/7/7440	5480	µg/L				TASL
B29V98	399-4-15	10/18/11 8:52	N	9/7/7440	Potassium	4300	µg/L	Potassium	9/7/7440	4300	µg/L	B			TASL
B29VB7	399-6-3	10/26/11 11:15	N	9/7/7440	Potassium	6110	µg/L	Potassium	9/7/7440	6110	µg/L				TASL
B29VB6	399-6-3	10/26/11 11:15	Y	9/7/7440	Potassium	7680	µg/L	Potassium	9/7/7440	7680	µg/L				TASL
B2DR82	399-6-5	10/20/11 10:22	N	9/7/7440	Potassium	6800	µg/L	Potassium	9/7/7440	6800	µg/L				TASL
B2DR84	399-6-5	10/20/11 10:22	Y	9/7/7440	Potassium	8740	µg/L	Potassium	9/7/7440	8740	µg/L				TASL
B29TN9	399-1-54	10/18/11 11:13	Y	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29TP3	399-1-55	10/18/11 12:29	N	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29TP6	399-1-56	10/18/11 11:50	N	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29TP9	399-1-57	10/18/11 10:32	N	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29TR4	399-1-59	10/26/11 12:00	Y	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29TR5	399-1-59	10/26/11 12:00	N	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	METHOD_NAME	MEDIA	UserFlag	ReviewDate	ReviewComment	ALTERNATE _SAMP_NUM	ANAL_DATE _TIME	ANALYSIS_ BATCH_NUM	COLL_MTHD	COLL_SAMP_SIZE	COLL_SAMP_ SIZE_UNITS	COLLECTION _PURPOSE	COMPOSITE _FLAG	COUNTING _ERROR	DATE_ASSIGNED	DATE_LAST_MODIFIED	DILUT_FACTOR
B2FWX8	REDOX_PROBE_FLD	GW					11/1/11 9:00					R			7/22/11 14:13	11/7/11 8:08	
B29V99	REDOX_PROBE_FLD	GW					10/18/11 8:52					R			12/6/10 9:36	12/2/11 11:41	
B29VB8	REDOX_PROBE_FLD	GW					10/26/11 11:15					R			12/6/10 9:36	12/2/11 11:54	
B2DR81	REDOX_PROBE_FLD	GW					10/26/11 10:22					R			5/4/11 12:36	12/2/11 11:53	
B29TP1	PH_ELECT_FLD	GW					10/18/11 11:13					R			12/6/10 9:32	12/2/11 11:35	
B29TP4	PH_ELECT_FLD	GW					10/18/11 12:29					R			12/6/10 9:32	12/2/11 11:34	
B29TP7	PH_ELECT_FLD	GW										R			12/6/10 9:32	12/2/11 11:31	
B29TR0	PH_ELECT_FLD	GW					10/18/11 10:32					R			12/6/10 9:32	12/2/11 10:43	
B29TR3	PH_ELECT_FLD	GW					11/1/11 9:50					R			12/6/10 9:32	11/3/11 9:18	
B29TR6	PH_ELECT_FLD	GW					10/26/11 12:00					R			12/6/10 9:32	12/2/11 11:53	
B2FWN8	PH_ELECT_FLD	GW					10/19/11 10:39					R			7/22/11 14:13	12/2/11 11:43	
B2FWP8	PH_ELECT_FLD	GW					10/19/11 11:26					R			7/22/11 14:13	12/2/11 11:43	
B29TV0	PH_ELECT_FLD	GW					10/18/11 13:17					R			12/6/10 9:32	12/2/11 11:37	
B29TX5	PH_ELECT_FLD	GW					10/18/11 9:45					R			12/6/10 9:33	12/2/11 11:36	
B2FWX8	PH_ELECT_FLD	GW					11/1/11 9:00					R			7/22/11 14:13	11/3/11 9:20	
B29V99	PH_ELECT_FLD	GW					10/18/11 8:52					R			12/6/10 9:36	12/2/11 11:41	
B29VB8	PH_ELECT_FLD	GW					10/26/11 11:15					R			12/6/10 9:36	12/2/11 11:54	
B2DR81	PH_ELECT_FLD	GW					10/26/11 10:22					R			5/4/11 12:36	12/2/11 11:53	
B29WC0	300.0_ANIONS_IC	GW					10/18/11 19:07	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC1	300.0_ANIONS_IC	GW					10/18/11 18:11	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC2	300.0_ANIONS_IC	GW					10/18/11 18:48	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC3	300.0_ANIONS_IC	GW					10/18/11 19:26	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC5	300.0_ANIONS_IC	GW					10/29/11 7:06	6/8/95 0:00				R			12/7/10 12:22	11/28/11 7:17	1
B2FWP1	300.0_ANIONS_IC	GW					10/19/11 19:26	10/28/23 0:00				R			7/22/11 14:13	11/7/11 9:19	2
B2FWR1	300.0_ANIONS_IC	GW					10/19/11 19:07	10/28/23 0:00				R			7/22/11 14:13	11/7/11 9:19	2
B29WC9	300.0_ANIONS_IC	GW					10/18/11 18:30	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD5	300.0_ANIONS_IC	GW					10/18/11 19:45	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD6	300.0_ANIONS_IC	GW					10/18/11 20:04	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD7	300.0_ANIONS_IC	GW					10/29/11 5:02	6/8/95 0:00				R			12/7/10 12:22	11/28/11 7:17	1
B2DR83	300.0_ANIONS_IC	GW					10/28/11 9:26	6/8/95 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TN9	6010_METALS_ICP	GW					11/9/11 17:26	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP0	6010_METALS_ICP	GW					11/9/11 15:12	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP2	6010_METALS_ICP	GW					11/9/11 17:32	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6010_METALS_ICP	GW					11/9/11 15:18	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP5	6010_METALS_ICP	GW					11/9/11 17:19	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6010_METALS_ICP	GW					11/9/11 15:05	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 17:51	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 15:37	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/10/11 10:08	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 17:37	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	5
B2FWN9	6010_METALS_ICP	GW					11/10/11 19:28	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP2	6010_METALS_ICP	GW					11/9/11 19:02	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP9	6010_METALS_ICP	GW					11/10/11 19:21	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/9/11 18:55	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT8	6010_METALS_ICP	GW					11/9/11 17:38	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	6010_METALS_ICP	GW					11/9/11 15:24	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6010_METALS_ICP	GW					11/9/11 14:14	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 17:13	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/9/11 17:45	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29V98	6010_METALS_ICP	GW					11/9/11 15:31	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6010_METALS_ICP	GW					11/10/11 19:41	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB6	6010_METALS_ICP	GW					11/10/11 10:02	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	6010_METALS_ICP	GW					11/10/11 19:35	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B2DR84	6010_METALS_ICP	GW					11/10/11 9:37	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TN9	6010_METALS_ICP	GW					11/9/11 14:57	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP0	6010_METALS_ICP	GW					11/9/11 13:19	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP2	6010_METALS_ICP	GW					11/9/11 15:02	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6010_METALS_ICP	GW					11/9/11 13:25	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP5	6010_METALS_ICP	GW					11/9/11 14:51	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6010_METALS_ICP	GW					11/9/11 13:14	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 15:29	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 13:41	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/10/11 14:54	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 20:35	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6010_METALS_ICP	GW					11/11/11 20:14	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP2	6010_METALS_ICP	GW					11/10/11 14:21	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	DISTILLATION_VOL	END_FLOW_RATE	EXPOSURE_HOURS	FIELD_QC_TYPE	FLOW_RATE_UNITS	LAB_COMMENT_CD	LAB_EXTRACTED_DATE	LAB_MATRIX_CODE	LAB_QC_TYPE	LAB_RECEIVED_DATE	LOAD_DATE_TIME	MATRIX	MIN_DETECTABLE_ACTIVITY
B2FWX8								WATER			11/3/11 9:20	WATER	
B29V99								WATER			12/2/11 11:41	WATER	
B29VB8								WATER			12/2/11 11:54	WATER	
B2DR81								WATER			12/2/11 11:53	WATER	
B29TP1								WATER			12/2/11 11:35	WATER	
B29TP4								WATER			12/2/11 11:34	WATER	
B29TP7								WATER			12/2/11 11:31	WATER	
B29TR0								WATER			12/2/11 10:43	WATER	
B29TR3								WATER			11/3/11 9:18	WATER	
B29TR6								WATER			12/2/11 11:53	WATER	
B2FWN8								WATER			12/2/11 11:43	WATER	
B2FWP8								WATER			12/2/11 11:43	WATER	
B29TV0								WATER			12/2/11 11:37	WATER	
B29TX5								WATER			12/2/11 11:36	WATER	
B2FWX8								WATER			11/3/11 9:20	WATER	
B29V99								WATER			12/2/11 11:41	WATER	
B29VB8								WATER			12/2/11 11:54	WATER	
B2DR81								WATER			12/2/11 11:53	WATER	
B29WC0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC1								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC2								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWP1								WATER		10/19/11 0:00	11/7/11 9:19	WATER	
B2FWR1								WATER		10/19/11 0:00	11/7/11 9:19	WATER	
B29WC9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD5								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR83								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	MOISTURE_DEC	OWNER_ID	PCNT_MOISTURE	PCNT_SOLIDS	REPORTING_LIMIT	REPORTING_LIMIT_TYPE	REQUIRED_DETECTION_LIMIT	RESULT_COMMENT	RESULT_RECEIVED_DATE	RETENTION_TIME	RRN	SAF_NUM	SAMP_ALIQUOT_SIZE
B2FWX8		PNLGW									101773436	S11-009	
B29V99		PNLGW									104270517	S11-012	
B29VB8		PNLGW									104270626	S11-012	
B2DR81		PNLGW									104270620	S11-006	
B29TP1		PNLGW									104270494	S11-012	
B29TP4		PNLGW									104270488	S11-012	
B29TP7		PNLGW									104270482	S11-012	
B29TR0		PNLGW									104270458	S11-012	
B29TR3		PNLGW									101773426	S11-012	
B29TR6		PNLGW									104270609	S11-012	
B2FWN8		PNLGW									104270523	S11-009	
B2FWP8		PNLGW									104270529	S11-009	
B29TV0		PNLGW									104270506	S11-012	
B29TX5		PNLGW									104270500	S11-012	
B2FWX8		PNLGW									101773432	S11-009	
B29V99		PNLGW									104270512	S11-012	
B29VB8		PNLGW									104270621	S11-012	
B2DR81		PNLGW									104270615	S11-006	
B29WC0		PNLGW			0.1	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777047	S11-012	10
B29WC1		PNLGW			0.1	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777115	S11-012	10
B29WC2		PNLGW			0.1	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777040	S11-012	10
B29WC3		PNLGW			0.1	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777059	S11-012	10
B29WC5		PNLGW			0.054	MDL	0.5		11/23/11 10:52		104266580	S11-012	5
B2FWP1		PNLGW			0.1	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:42		101776711	S11-009	10
B2FWR1		PNLGW			0.1	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:42		101776703	S11-009	10
B29WC9		PNLGW			0.1	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777122	S11-012	10
B29WD5		PNLGW			0.1	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777066	S11-012	10
B29WD6		PNLGW			0.1	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777055	S11-012	10
B29WD7		PNLGW			0.054	MDL	0.5		11/23/11 10:52		104266573	S11-012	5
B2DR83		PNLGW			0.054	MDL	0.5		11/23/11 10:52		104266598	S11-006	5
B29TN9		PNLGW			1650	MDL	5000		11/23/11 10:52		104267076	S11-012	50
B29TP0		PNLGW			1650	MDL	5000		11/23/11 10:52		104267093	S11-012	50
B29TP2		PNLGW			1650	MDL	5000		11/23/11 10:52		104267112	S11-012	50
B29TP3		PNLGW			1650	MDL	5000		11/23/11 10:52		104267045	S11-012	50
B29TP5		PNLGW			1650	MDL	5000		11/23/11 10:52		104267166	S11-012	50
B29TP6		PNLGW			1650	MDL	5000		11/23/11 10:52		104267057	S11-012	50
B29TP8		PNLGW			1650	MDL	5000		11/23/11 10:52		104266884	S11-012	50
B29TP9		PNLGW			1650	MDL	5000		11/23/11 10:52		104266902	S11-012	50
B29TR4		PNLGW			1650	MDL	5000		11/23/11 10:52		104266641	S11-012	50
B29TR5		PNLGW			8250	MDL	25000		11/23/11 10:52		104266634	S11-012	50
B2FWN9		PNLGW			1650	MDL	5000		11/23/11 10:52		104266708	S11-009	50
B2FWP2		PNLGW			1650	MDL	5000		11/23/11 10:52		104266727	S11-009	50
B2FWP9		PNLGW			1650	MDL	5000		11/23/11 10:52		104266772	S11-009	50
B2FWR2		PNLGW			1650	MDL	5000		11/23/11 10:52		104266788	S11-009	50
B29TT8		PNLGW			1650	MDL	5000		11/23/11 10:52		104266991	S11-012	50
B29TT9		PNLGW			1650	MDL	5000		11/23/11 10:52		104267009	S11-012	50
B29TX6		PNLGW			1650	MDL	5000		11/23/11 10:52		104267129	S11-012	50
B29YB4		PNLGW			1650	MDL	5000		11/23/11 10:52		104267148	S11-012	50
B29V97		PNLGW			1650	MDL	5000		11/23/11 10:52		104267023	S11-012	50
B29V98		PNLGW			1650	MDL	5000		11/23/11 10:52		104266962	S11-012	50
B29VB7		PNLGW			1650	MDL	5000		11/23/11 10:52		104266689	S11-012	50
B29VB6		PNLGW			1650	MDL	5000		11/23/11 10:52		104266647	S11-012	50
B2DR82		PNLGW			1650	MDL	5000		11/23/11 10:52		104266668	S11-006	50
B2DR84		PNLGW			1650	MDL	5000		11/23/11 10:52		104266705	S11-006	50
B29TN9		PNLGW			6	MDL	10		11/23/11 10:52		104267077	S11-012	50
B29TP0		PNLGW			6	MDL	10		11/23/11 10:52		104267094	S11-012	50
B29TP2		PNLGW			6	MDL	10		11/23/11 10:52		104267113	S11-012	50
B29TP3		PNLGW			6	MDL	10		11/23/11 10:52		104267046	S11-012	50
B29TP5		PNLGW			6	MDL	10		11/23/11 10:52		104267167	S11-012	50
B29TP6		PNLGW			6	MDL	10		11/23/11 10:52		104267058	S11-012	50
B29TP8		PNLGW			6	MDL	10		11/23/11 10:52		104266885	S11-012	50
B29TP9		PNLGW			6	MDL	10		11/23/11 10:52		104266903	S11-012	50
B29TR4		PNLGW			6	MDL	10		11/23/11 10:52		104266617	S11-012	50
B29TR5		PNLGW			6	MDL	10		11/23/11 10:52		104266635	S11-012	50
B2FWN9		PNLGW			6	MDL	10		11/23/11 10:52		104266709	S11-009	50
B2FWP2		PNLGW			6	MDL	10		11/23/11 10:52		104266728	S11-009	50

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	SAMP_ALIQUOT_UNITS	SAMP_COMMENT	SAMP_DATE_TIME_ON	SAMP_FROM	SAMP_INTERVAL_BOTTOM	SAMP_INTERVAL_TOP	SAMP_INTERVAL_UNITS	SAMP_ITEM	SAMP_MTHD	SDG_NUM
B2FWX8		VERIFIED - KWH 11-7-11								UNKNOWN
B29V99										UNKNOWN
B29VB8										UNKNOWN
B2DR81										UNKNOWN
B29TP1										UNKNOWN
B29TP4										UNKNOWN
B29TP7										UNKNOWN
B29TR0										UNKNOWN
B29TR3		VERIFIED - KWH 11-7-11								UNKNOWN
B29TR6										UNKNOWN
B2FWN8										UNKNOWN
B2FWP8										UNKNOWN
B29TV0										UNKNOWN
B29TX5										UNKNOWN
B2FWX8		VERIFIED - KWH 11-7-11								UNKNOWN
B29V99										UNKNOWN
B29VB8										UNKNOWN
B2DR81										UNKNOWN
B29WC0	mL									WSCF113380
B29WC1	mL									WSCF113380
B29WC2	mL									WSCF113380
B29WC3	mL									WSCF113380
B29WC5	mL	DIVERTED								SL1191
B2FWP1	mL									WSCF113385
B2FWR1	mL									WSCF113385
B29WC9	mL									WSCF113380
B29WD5	mL									WSCF113380
B29WD6	mL									WSCF113380
B29WD7	mL	DIVERTED								SL1191
B2DR83	mL	DIVERTED								SL1191
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR4	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB7	mL	DIVERTED								SL1191
B29VB6	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR4	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	START_FLOW_RATE	STD_COUNTING_ERROR	STD_MDA	STD_REPORTING_LIMIT	STD_REQUIRED_DETECTION_LIMIT	STD_SAMP_INTV_BOT	STD_SAMP_INTV_TOP	STD_SAMP_INTV_UNITS	STD_TOTAL_ANAL_ERROR	TAG_ID	TIC_FLAG	TOTAL_ANAL_ERROR
B2FWX8												
B29V99												
B29VB8												
B2DR81												
B29TP1												
B29TP4												
B29TP7												
B29TR0												
B29TR3												
B29TR6												
B2FWN8												
B2FWP8												
B29TV0												
B29TX5												
B2FWX8												
B29V99												
B29VB8												
B2DR81												
B29WC0				307								
B29WC1				307								
B29WC2				307								
B29WC3				307								
B29WC5				166	1530							
B2FWP1				307								
B2FWR1				307								
B29WC9				307								
B29WD5				307								
B29WD6				307								
B29WD7				166	1530							
B2DR83				166	1530							
B29TN9				1650	5000							
B29TP0				1650	5000							
B29TP2				1650	5000							
B29TP3				1650	5000							
B29TP5				1650	5000							
B29TP6				1650	5000							
B29TP8				1650	5000							
B29TP9				1650	5000							
B29TR4				1650	5000							
B29TR5				8250	25000							
B2FWN9				1650	5000							
B2FWP2				1650	5000							
B2FWP9				1650	5000							
B2FWR2				1650	5000							
B29TT8				1650	5000							
B29TT9				1650	5000							
B29TX6				1650	5000							
B29YB4				1650	5000							
B29V97				1650	5000							
B29V98				1650	5000							
B29VB7				1650	5000							
B29VB6				1650	5000							
B2DR82				1650	5000							
B2DR84				1650	5000							
B29TN9				6	10							
B29TP0				6	10							
B29TP2				6	10							
B29TP3				6	10							
B29TP5				6	10							
B29TP6				6	10							
B29TP8				6	10							
B29TP9				6	10							
B29TR4				6	10							
B29TR5				6	10							
B2FWN9				6	10							
B2FWP2				6	10							

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	WELL_NAME	SAMP_DATE_TIME	FILTERED _FLAG	STD_CON_ID	STD_CON_LONG_NAME	STD_VALUE_RPTD	STD_ANAL_ UNITS_RPTD	CON_LONG_NAME	CON_ID	VALUE_RPTD	ANAL_UNITS _RPTD	LAB_ QUALIFIER	REVIEW_ QUALIFIER	VALIDATION _QUALIFIER	LAB_CODE
B2FWP9	399-1-64	10/19/11 11:26	N	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29TX6	399-3-33	10/18/11 9:45	N	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29YB4	399-3-33	10/18/11 9:45	Y	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29V97	399-4-15	10/18/11 8:52	Y	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29V98	399-4-15	10/18/11 8:52	N	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29VB7	399-6-3	10/26/11 11:15	N	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7440-22-4	Silver	6	µg/L	Silver	7440-22-4	6	µg/L	U			TASL
B29TN9	399-1-54	10/18/11 11:13	Y	7440-23-5	Sodium	23700	µg/L	Sodium	7440-23-5	23700	µg/L				TASL
B29TP0	399-1-54	10/18/11 11:13	N	7440-23-5	Sodium	24200	µg/L	Sodium	7440-23-5	24200	µg/L				TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7440-23-5	Sodium	24000	µg/L	Sodium	7440-23-5	24000	µg/L				TASL
B29TP3	399-1-55	10/18/11 12:29	N	7440-23-5	Sodium	24100	µg/L	Sodium	7440-23-5	24100	µg/L				TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7440-23-5	Sodium	23700	µg/L	Sodium	7440-23-5	23700	µg/L				TASL
B29TP6	399-1-56	10/18/11 11:50	N	7440-23-5	Sodium	24000	µg/L	Sodium	7440-23-5	24000	µg/L				TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7440-23-5	Sodium	32400	µg/L	Sodium	7440-23-5	32400	µg/L				TASL
B29TP9	399-1-57	10/18/11 10:32	N	7440-23-5	Sodium	32400	µg/L	Sodium	7440-23-5	32400	µg/L				TASL
B29TR4	399-1-59	10/26/11 12:00	Y	7440-23-5	Sodium	23100	µg/L	Sodium	7440-23-5	23100	µg/L				TASL
B29TR5	399-1-59	10/26/11 12:00	N	7440-23-5	Sodium	23400	µg/L	Sodium	7440-23-5	23400	µg/L	N			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7440-23-5	Sodium	76900	µg/L	Sodium	7440-23-5	76900	µg/L	N			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7440-23-5	Sodium	74000	µg/L	Sodium	7440-23-5	74000	µg/L				TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7440-23-5	Sodium	25400	µg/L	Sodium	7440-23-5	25400	µg/L	N			TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7440-23-5	Sodium	24800	µg/L	Sodium	7440-23-5	24800	µg/L				TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7440-23-5	Sodium	24700	µg/L	Sodium	7440-23-5	24700	µg/L				TASL
B29TT9	399-2-32	10/18/11 13:17	N	7440-23-5	Sodium	25500	µg/L	Sodium	7440-23-5	25500	µg/L				TASL
B29TX6	399-3-33	10/18/11 9:45	N	7440-23-5	Sodium	19300	µg/L	Sodium	7440-23-5	19300	µg/L				TASL
B29YB4	399-3-33	10/18/11 9:45	Y	7440-23-5	Sodium	19200	µg/L	Sodium	7440-23-5	19200	µg/L				TASL
B29V97	399-4-15	10/18/11 8:52	Y	7440-23-5	Sodium	20800	µg/L	Sodium	7440-23-5	20800	µg/L				TASL
B29V98	399-4-15	10/18/11 8:52	N	7440-23-5	Sodium	20500	µg/L	Sodium	7440-23-5	20500	µg/L				TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7440-23-5	Sodium	17000	µg/L	Sodium	7440-23-5	17000	µg/L				TASL
B29VB7	399-6-3	10/26/11 11:15	N	7440-23-5	Sodium	17300	µg/L	Sodium	7440-23-5	17300	µg/L	N			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7440-23-5	Sodium	21100	µg/L	Sodium	7440-23-5	21100	µg/L	N			TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7440-23-5	Sodium	20300	µg/L	Sodium	7440-23-5	20300	µg/L				TASL
B29TP1	399-1-54	10/18/11 11:13	N	CONDUCT	Specific Conductance	475	uS/cm	Specific Conductance	CONDUCT	475	uS/cm				FIELD
B29TP4	399-1-55	10/18/11 12:29	N	CONDUCT	Specific Conductance	456	uS/cm	Specific Conductance	CONDUCT	456	uS/cm				FIELD
B29TP7	399-1-56	10/18/11 11:50	N	CONDUCT	Specific Conductance	476	uS/cm	Specific Conductance	CONDUCT	476	uS/cm				FIELD
B29TR0	399-1-57	10/18/11 10:32	N	CONDUCT	Specific Conductance	350	uS/cm	Specific Conductance	CONDUCT	350	uS/cm				FIELD
B29TR3	399-1-58	11/1/11 9:50	N	CONDUCT	Specific Conductance	418	uS/cm	Specific Conductance	CONDUCT	418	uS/cm				FIELD
B29TR6	399-1-59	10/26/11 12:00	N	CONDUCT	Specific Conductance	432	uS/cm	Specific Conductance	CONDUCT	432	uS/cm				FIELD
B2FWN8	399-1-62	10/19/11 10:39	N	CONDUCT	Specific Conductance	751	uS/cm	Specific Conductance	CONDUCT	751	uS/cm				FIELD
B2FWP8	399-1-64	10/19/11 11:26	N	CONDUCT	Specific Conductance	454	uS/cm	Specific Conductance	CONDUCT	454	uS/cm				FIELD
B29TV0	399-2-32	10/18/11 13:17	N	CONDUCT	Specific Conductance	479	uS/cm	Specific Conductance	CONDUCT	479	uS/cm				FIELD
B29TX5	399-3-33	10/18/11 9:45	N	CONDUCT	Specific Conductance	405	uS/cm	Specific Conductance	CONDUCT	405	uS/cm				FIELD
B2FWX8	399-3-38	11/1/11 9:00	N	CONDUCT	Specific Conductance	492	uS/cm	Specific Conductance	CONDUCT	492	uS/cm				FIELD
B29V99	399-4-15	10/18/11 8:52	N	CONDUCT	Specific Conductance	454	uS/cm	Specific Conductance	CONDUCT	454	uS/cm				FIELD
B29VB8	399-6-3	10/26/11 11:15	N	CONDUCT	Specific Conductance	452	uS/cm	Specific Conductance	CONDUCT	452	uS/cm				FIELD
B2DR81	399-6-5	10/26/11 10:22	N	CONDUCT	Specific Conductance	465	uS/cm	Specific Conductance	CONDUCT	465	uS/cm				FIELD
B29TN9	399-1-54	10/18/11 11:13	Y	7440-24-6	Strontium	245	µg/L	Strontium	7440-24-6	245	µg/L	BD			TASL
B29TP0	399-1-54	10/18/11 11:13	N	7440-24-6	Strontium	252	µg/L	Strontium	7440-24-6	252	µg/L	D			TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7440-24-6	Strontium	257	µg/L	Strontium	7440-24-6	257	µg/L	D			TASL
B29TP3	399-1-55	10/18/11 12:29	N	7440-24-6	Strontium	256	µg/L	Strontium	7440-24-6	256	µg/L	D			TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7440-24-6	Strontium	244	µg/L	Strontium	7440-24-6	244	µg/L	BD			TASL
B29TP6	399-1-56	10/18/11 11:50	N	7440-24-6	Strontium	255	µg/L	Strontium	7440-24-6	255	µg/L				TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7440-24-6	Strontium	161	µg/L	Strontium	7440-24-6	161	µg/L				TASL
B29TP9	399-1-57	10/18/11 10:32	N	7440-24-6	Strontium	155	µg/L	Strontium	7440-24-6	155	µg/L				TASL
B29TR5	399-1-59	10/26/11 12:00	N	7440-24-6	Strontium	210	µg/L	Strontium	7440-24-6	210	µg/L				TASL
B29TR4	399-1-59	10/26/11 12:00	Y	7440-24-6	Strontium	209	µg/L	Strontium	7440-24-6	209	µg/L				TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7440-24-6	Strontium	273	µg/L	Strontium	7440-24-6	273	µg/L	D			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7440-24-6	Strontium	286	µg/L	Strontium	7440-24-6	286	µg/L	D			TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7440-24-6	Strontium	231	µg/L	Strontium	7440-24-6	231	µg/L				TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7440-24-6	Strontium	233	µg/L	Strontium	7440-24-6	233	µg/L	BD			TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7440-24-6	Strontium	242	µg/L	Strontium	7440-24-6	242	µg/L	BD			TASL
B29TT9	399-2-32	10/18/11 13:17	N	7440-24-6	Strontium	244	µg/L	Strontium	7440-24-6	244	µg/L	BD			TASL

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	METHOD_NAME	MEDIA	UserFlag	ReviewDate	ReviewComment	ALTERNATE _SAMP_NUM	ANAL_DATE _TIME	ANALYSIS_ BATCH_NUM	COLL_MTHD	COLL_SAMP_SIZE	COLL_SAMP_ SIZE_UNITS	COLLECTION _PURPOSE	COMPOSITE _FLAG	COUNTING _ERROR	DATE_ASSIGNED	DATE_LAST_MODIFIED	DILUT_FACTOR
B2FWP9	6010_METALS_ICP	GW					11/11/11 20:07	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/10/11 14:16	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT8	6010_METALS_ICP	GW					11/9/11 15:18	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	6010_METALS_ICP	GW					11/9/11 13:30	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6010_METALS_ICP	GW					11/9/11 12:42	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 14:46	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/9/11 15:24	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29V98	6010_METALS_ICP	GW					11/9/11 13:36	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB6	6010_METALS_ICP	GW					11/10/11 14:48	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6010_METALS_ICP	GW					11/11/11 20:28	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	6010_METALS_ICP	GW					11/11/11 20:21	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B2DR84	6010_METALS_ICP	GW					11/10/11 14:27	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TN9	6010_METALS_ICP	GW					11/9/11 17:26	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP0	6010_METALS_ICP	GW					11/9/11 15:12	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP2	6010_METALS_ICP	GW					11/9/11 17:32	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6010_METALS_ICP	GW					11/9/11 15:18	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP5	6010_METALS_ICP	GW					11/9/11 17:19	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6010_METALS_ICP	GW					11/9/11 15:05	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 17:51	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 15:37	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/9/11 20:06	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 20:35	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6010_METALS_ICP	GW					11/11/11 20:14	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP2	6010_METALS_ICP	GW					11/9/11 19:02	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP9	6010_METALS_ICP	GW					11/11/11 20:07	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/9/11 18:55	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT8	6010_METALS_ICP	GW					11/9/11 17:38	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	6010_METALS_ICP	GW					11/9/11 15:24	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6010_METALS_ICP	GW					11/9/11 14:14	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 17:13	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/9/11 17:45	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29V98	6010_METALS_ICP	GW					11/9/11 15:31	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB6	6010_METALS_ICP	GW					11/9/11 19:59	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6010_METALS_ICP	GW					11/11/11 20:28	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	6010_METALS_ICP	GW					11/11/11 20:21	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B2DR84	6010_METALS_ICP	GW					11/9/11 19:08	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP1	CONDUCT_FLD	GW					10/18/11 11:13					R			12/6/10 9:32	12/2/11 11:35	
B29TP4	CONDUCT_FLD	GW					10/18/11 12:29					R			12/6/10 9:32	12/2/11 11:34	
B29TP7	CONDUCT_FLD	GW										R			12/6/10 9:32	12/2/11 11:31	
B29TR0	CONDUCT_FLD	GW					10/18/11 10:32					R			12/6/10 9:32	12/2/11 10:43	
B29TR3	CONDUCT_FLD	GW					11/1/11 9:50					R			12/6/10 9:32	11/3/11 9:18	
B29TR6	CONDUCT_FLD	GW					10/26/11 12:00					R			12/6/10 9:32	12/2/11 11:53	
B2FWN8	CONDUCT_FLD	GW					10/19/11 10:39					R			7/22/11 14:13	12/2/11 11:43	
B2FWP8	CONDUCT_FLD	GW					10/19/11 11:26					R			7/22/11 14:13	12/2/11 11:43	
B29TV0	CONDUCT_FLD	GW					10/18/11 13:17					R			12/6/10 9:32	12/2/11 11:37	
B29TX5	CONDUCT_FLD	GW					10/18/11 9:45					R			12/6/10 9:33	12/2/11 11:36	
B2FWX8	CONDUCT_FLD	GW					11/1/11 9:00					R			7/22/11 14:13	11/3/11 9:20	
B29V99	CONDUCT_FLD	GW					10/18/11 8:52					R			12/6/10 9:36	12/2/11 11:41	
B29VB8	CONDUCT_FLD	GW					10/26/11 11:15					R			12/6/10 9:36	12/2/11 11:54	
B2DR81	CONDUCT_FLD	GW					10/26/11 10:22					R			5/4/11 12:36	12/2/11 11:53	
B29TN9	6010_METALS_ICP	GW					11/10/11 12:44	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	5
B29TP0	6010_METALS_ICP	GW					11/10/11 12:06	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	5
B29TP2	6010_METALS_ICP	GW					11/10/11 13:00	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	5
B29TP3	6010_METALS_ICP	GW					11/10/11 12:12	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	5
B29TP5	6010_METALS_ICP	GW					11/10/11 12:39	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	5
B29TP6	6010_METALS_ICP	GW					11/9/11 13:14	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 15:29	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 13:41	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 20:35	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/10/11 14:54	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6010_METALS_ICP	GW					11/11/11 17:16	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	5
B2FWP2	6010_METALS_ICP	GW					11/10/11 13:33	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	5
B2FWP9	6010_METALS_ICP	GW					11/11/11 20:07	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/10/11 13:27	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	5
B29TT8	6010_METALS_ICP	GW					11/10/11 13:06	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	5
B29TT9	6010_METALS_ICP	GW					11/10/11 12:17	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	5

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	DISTILLATION_VOL	END_FLOW_RATE	EXPOSURE_HOURS	FIELD_QC_TYPE	FLOW_RATE_UNITS	LAB_COMMENT_CD	LAB_EXTRACTED_DATE	LAB_MATRIX_CODE	LAB_QC_TYPE	LAB_RECEIVED_DATE	LOAD_DATE_TIME	MATRIX	MIN_DETECTABLE_ACTIVITY
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP1								WATER			12/2/11 11:35	WATER	
B29TP4								WATER			12/2/11 11:34	WATER	
B29TP7								WATER			12/2/11 11:31	WATER	
B29TR0								WATER			12/2/11 10:43	WATER	
B29TR3								WATER			11/3/11 9:18	WATER	
B29TR6								WATER			12/2/11 11:53	WATER	
B2FWN8								WATER			12/2/11 11:43	WATER	
B2FWP8								WATER			12/2/11 11:43	WATER	
B29TV0								WATER			12/2/11 11:37	WATER	
B29TX5								WATER			12/2/11 11:36	WATER	
B2FWX8								WATER			11/3/11 9:20	WATER	
B29V99								WATER			12/2/11 11:41	WATER	
B29VB8								WATER			12/2/11 11:54	WATER	
B2DR81								WATER			12/2/11 11:53	WATER	
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	MOISTURE_DEC	OWNER_ID	PCNT_MOISTURE	PCNT_SOLIDS	REPORTING_LIMIT	REPORTING_LIMIT_TYPE	REQUIRED_DETECTION_LIMIT	RESULT_COMMENT	RESULT_RECEIVED_DATE	RETENTION_TIME	RRN	SAF_NUM	SAMP_ALIQUOT_SIZE
B2FWP9		PNLGW			6	MDL	10		11/23/11 10:52		104266773	S11-009	50
B2FWR2		PNLGW			6	MDL	10		11/23/11 10:52		104266789	S11-009	50
B29TT8		PNLGW			6	MDL	10		11/23/11 10:52		104266992	S11-012	50
B29TT9		PNLGW			6	MDL	10		11/23/11 10:52		104267010	S11-012	50
B29TX6		PNLGW			6	MDL	10		11/23/11 10:52		104267130	S11-012	50
B29YB4		PNLGW			6	MDL	10		11/23/11 10:52		104267149	S11-012	50
B29V97		PNLGW			6	MDL	10		11/23/11 10:52		104267024	S11-012	50
B29V98		PNLGW			6	MDL	10		11/23/11 10:52		104266963	S11-012	50
B29VB6		PNLGW			6	MDL	10		11/23/11 10:52		104266648	S11-012	50
B29VB7		PNLGW			6	MDL	10		11/23/11 10:52		104266690	S11-012	50
B2DR82		PNLGW			6	MDL	10		11/23/11 10:52		104266669	S11-006	50
B2DR84		PNLGW			6	MDL	10		11/23/11 10:52		104266706	S11-006	50
B29TN9		PNLGW			324	MDL	5000		11/23/11 10:52		104267078	S11-012	50
B29TP0		PNLGW			324	MDL	5000		11/23/11 10:52		104267095	S11-012	50
B29TP2		PNLGW			324	MDL	5000		11/23/11 10:52		104267114	S11-012	50
B29TP3		PNLGW			324	MDL	5000		11/23/11 10:52		104267047	S11-012	50
B29TP5		PNLGW			324	MDL	5000		11/23/11 10:52		104267168	S11-012	50
B29TP6		PNLGW			324	MDL	5000		11/23/11 10:52		104267059	S11-012	50
B29TP8		PNLGW			324	MDL	5000		11/23/11 10:52		104266886	S11-012	50
B29TP9		PNLGW			324	MDL	5000		11/23/11 10:52		104266904	S11-012	50
B29TR4		PNLGW			324	MDL	5000		11/23/11 10:52		104266618	S11-012	50
B29TR5		PNLGW			324	MDL	5000		11/23/11 10:52		104266636	S11-012	50
B2FWN9		PNLGW			324	MDL	5000		11/23/11 10:52		104266710	S11-009	50
B2FWP2		PNLGW			324	MDL	5000		11/23/11 10:52		104266729	S11-009	50
B2FWP9		PNLGW			324	MDL	5000		11/23/11 10:52		104266774	S11-009	50
B2FWR2		PNLGW			324	MDL	5000		11/23/11 10:52		104266756	S11-009	50
B29TT8		PNLGW			324	MDL	5000		11/23/11 10:52		104266993	S11-012	50
B29TT9		PNLGW			324	MDL	5000		11/23/11 10:52		104267011	S11-012	50
B29TX6		PNLGW			324	MDL	5000		11/23/11 10:52		104267131	S11-012	50
B29YB4		PNLGW			324	MDL	5000		11/23/11 10:52		104267150	S11-012	50
B29V97		PNLGW			324	MDL	5000		11/23/11 10:52		104267025	S11-012	50
B29V98		PNLGW			324	MDL	5000		11/23/11 10:52		104266964	S11-012	50
B29VB6		PNLGW			324	MDL	5000		11/23/11 10:52		104266649	S11-012	50
B29VB7		PNLGW			324	MDL	5000		11/23/11 10:52		104266691	S11-012	50
B2DR82		PNLGW			324	MDL	5000		11/23/11 10:52		104266670	S11-006	50
B2DR84		PNLGW			324	MDL	5000		11/23/11 10:52		104266654	S11-006	50
B29TP1		PNLGW									104270496	S11-012	
B29TP4		PNLGW									104270490	S11-012	
B29TP7		PNLGW									104270484	S11-012	
B29TR0		PNLGW									104270460	S11-012	
B29TR3		PNLGW									101773428	S11-012	
B29TR6		PNLGW									104270611	S11-012	
B2FWN8		PNLGW									104270525	S11-009	
B2FWP8		PNLGW									104270531	S11-009	
B29TV0		PNLGW									104270508	S11-012	
B29TX5		PNLGW									104270502	S11-012	
B2FWX8		PNLGW									101773435	S11-009	
B29V99		PNLGW									104270514	S11-012	
B29VB8		PNLGW									104270623	S11-012	
B2DR81		PNLGW									104270617	S11-006	
B29TN9		PNLGW			2.7	MDL	250		11/23/11 10:52		104267079	S11-012	50
B29TP0		PNLGW			2.7	MDL	250		11/23/11 10:52		104267096	S11-012	50
B29TP2		PNLGW			2.7	MDL	250		11/23/11 10:52		104267115	S11-012	50
B29TP3		PNLGW			2.7	MDL	250		11/23/11 10:52		104266980	S11-012	50
B29TP5		PNLGW			2.7	MDL	250		11/23/11 10:52		104267169	S11-012	50
B29TP6		PNLGW			0.54	MDL	50		11/23/11 10:52		104267060	S11-012	50
B29TP8		PNLGW			0.54	MDL	50		11/23/11 10:52		104266887	S11-012	50
B29TP9		PNLGW			0.54	MDL	50		11/23/11 10:52		104266905	S11-012	50
B29TR5		PNLGW			0.54	MDL	50		11/23/11 10:52		104266637	S11-012	50
B29TR4		PNLGW			0.54	MDL	50		11/23/11 10:52		104266619	S11-012	50
B2FWN9		PNLGW			2.7	MDL	250		11/23/11 10:52		104266711	S11-009	50
B2FWP2		PNLGW			2.7	MDL	250		11/23/11 10:52		104266730	S11-009	50
B2FWP9		PNLGW			0.54	MDL	50		11/23/11 10:52		104266775	S11-009	50
B2FWR2		PNLGW			2.7	MDL	250		11/23/11 10:52		104266757	S11-009	50
B29TT8		PNLGW			2.7	MDL	250		11/23/11 10:52		104266994	S11-012	50
B29TT9		PNLGW			2.7	MDL	250		11/23/11 10:52		104266975	S11-012	50

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	SAMP_ALIQUOT_UNITS	SAMP_COMMENT	SAMP_DATE_TIME_ON	SAMP_FROM	SAMP_INTERVAL_BOTTOM	SAMP_INTERVAL_TOP	SAMP_INTERVAL_UNITS	SAMP_ITEM	SAMP_MTHD	SDG_NUM
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR4	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191
B29TP1										UNKNOWN
B29TP4										UNKNOWN
B29TP7										UNKNOWN
B29TR0										UNKNOWN
B29TR3		VERIFIED - KWH 11-7-11								UNKNOWN
B29TR6										UNKNOWN
B2FWN8										UNKNOWN
B2FWP8										UNKNOWN
B29TV0										UNKNOWN
B29TX5										UNKNOWN
B2FWX8		VERIFIED - KWH 11-7-11								UNKNOWN
B29V99										UNKNOWN
B29VB8										UNKNOWN
B2DR81										UNKNOWN
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR5	mL	DIVERTED								SL1191
B29TR4	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	START_FLOW_RATE	STD_COUNTING_ERROR	STD_MDA	STD_REPORTING_LIMIT	STD_REQUIRED_DETECTION_LIMIT	STD_SAMP_INTV_BOT	STD_SAMP_INTV_TOP	STD_SAMP_INTV_UNITS	STD_TOTAL_ANAL_ERROR	TAG_ID	TIC_FLAG	TOTAL_ANAL_ERROR
B2FWP9				6	10							
B2FWR2				6	10							
B29TT8				6	10							
B29TT9				6	10							
B29TX6				6	10							
B29YB4				6	10							
B29V97				6	10							
B29V98				6	10							
B29VB6				6	10							
B29VB7				6	10							
B2DR82				6	10							
B2DR84				6	10							
B29TN9				324	5000							
B29TP0				324	5000							
B29TP2				324	5000							
B29TP3				324	5000							
B29TP5				324	5000							
B29TP6				324	5000							
B29TP8				324	5000							
B29TP9				324	5000							
B29TR4				324	5000							
B29TR5				324	5000							
B2FWN9				324	5000							
B2FWP2				324	5000							
B2FWP9				324	5000							
B2FWR2				324	5000							
B29TT8				324	5000							
B29TT9				324	5000							
B29TX6				324	5000							
B29YB4				324	5000							
B29V97				324	5000							
B29V98				324	5000							
B29VB6				324	5000							
B29VB7				324	5000							
B2DR82				324	5000							
B2DR84				324	5000							
B29TP1												
B29TP4												
B29TP7												
B29TR0												
B29TR3												
B29TR6												
B2FWN8												
B2FWP8												
B29TV0												
B29TX5												
B2FWX8												
B29V99												
B29VB8												
B2DR81												
B29TN9				2.7	250							
B29TP0				2.7	250							
B29TP2				2.7	250							
B29TP3				2.7	250							
B29TP5				2.7	250							
B29TP6				0.54	50							
B29TP8				0.54	50							
B29TP9				0.54	50							
B29TR5				0.54	50							
B29TR4				0.54	50							
B2FWN9				2.7	250							
B2FWP2				2.7	250							
B2FWP9				0.54	50							
B2FWR2				2.7	250							
B29TT8				2.7	250							
B29TT9				2.7	250							

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	WELL_NAME	SAMP_DATE_TIME	FILTERED _FLAG	STD_CON_ID	STD_CON_LONG_NAME	STD_VALUE_RPTD	STD_ANAL_ UNITS_RPTD	CON_LONG_NAME	CON_ID	VALUE_RPTD	ANAL_UNITS _RPTD	LAB_ QUALIFIER	REVIEW_ QUALIFIER	VALIDATION _QUALIFIER	LAB_CODE
B29TX6	399-3-33	10/18/11 9:45	N	7440-24-6	Strontium	212	µg/L	Strontium	7440-24-6	212	µg/L				TASL
B29YB4	399-3-33	10/18/11 9:45	Y	7440-24-6	Strontium	220	µg/L	Strontium	7440-24-6	220	µg/L				TASL
B29V97	399-4-15	10/18/11 8:52	Y	7440-24-6	Strontium	232	µg/L	Strontium	7440-24-6	232	µg/L	BD			TASL
B29V98	399-4-15	10/18/11 8:52	N	7440-24-6	Strontium	223	µg/L	Strontium	7440-24-6	223	µg/L	BD			TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7440-24-6	Strontium	242	µg/L	Strontium	7440-24-6	242	µg/L	BD			TASL
B29VB7	399-6-3	10/26/11 11:15	N	7440-24-6	Strontium	235	µg/L	Strontium	7440-24-6	235	µg/L	BD			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7440-24-6	Strontium	249	µg/L	Strontium	7440-24-6	249	µg/L	BD			TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7440-24-6	Strontium	249	µg/L	Strontium	7440-24-6	249	µg/L	BD			TASL
B29V98	399-4-15	10/18/11 8:52	N	10098-97-2	Strontium-90	1.51	pCi/L	Strontium-90	10098-97-2	1.51	pCi/L				TARL
B29WC0	399-1-54	10/18/11 11:13	N	14808-79-8	Sulfate	57400	µg/L	Sulfate	14808-79-8	57.4	ug/mL	D			WSCF
B29WC1	399-1-55	10/18/11 12:29	N	14808-79-8	Sulfate	52600	µg/L	Sulfate	14808-79-8	52.6	ug/mL	D			WSCF
B29WC2	399-1-56	10/18/11 11:50	N	14808-79-8	Sulfate	57400	µg/L	Sulfate	14808-79-8	57.4	ug/mL	D			WSCF
B29WC3	399-1-57	10/18/11 10:32	N	14808-79-8	Sulfate	24800	µg/L	Sulfate	14808-79-8	24.8	ug/mL	D			WSCF
B29WC5	399-1-59	10/26/11 12:00	N	14808-79-8	Sulfate	48100	µg/L	Sulfate	14808-79-8	48.1	mg/L	D			TASL
B2FWP1	399-1-62	10/19/11 10:39	N	14808-79-8	Sulfate	81500	µg/L	Sulfate	14808-79-8	81.5	ug/mL	D			WSCF
B2FWR1	399-1-64	10/19/11 11:26	N	14808-79-8	Sulfate	53100	µg/L	Sulfate	14808-79-8	53.1	ug/mL	D			WSCF
B29WC9	399-2-32	10/18/11 13:17	N	14808-79-8	Sulfate	53800	µg/L	Sulfate	14808-79-8	53.8	ug/mL	D			WSCF
B29WD5	399-3-33	10/18/11 9:45	N	14808-79-8	Sulfate	46100	µg/L	Sulfate	14808-79-8	46.1	ug/mL	D			WSCF
B29WD6	399-4-15	10/18/11 8:52	N	14808-79-8	Sulfate	48600	µg/L	Sulfate	14808-79-8	48.6	ug/mL	D			WSCF
B29WD7	399-6-3	10/26/11 11:15	N	14808-79-8	Sulfate	41100	µg/L	Sulfate	14808-79-8	41.1	mg/L	D			TASL
B2DR83	399-6-5	10/26/11 10:22	N	14808-79-8	Sulfate	42000	µg/L	Sulfate	14808-79-8	42	mg/L	D			TASL
B29TP1	399-1-54	10/18/11 11:13	N	TEMPERATURE	Temperature	16.6	Deg C	Temperature	TEMPERATURE	16.6	Deg C				FIELD
B29TP4	399-1-55	10/18/11 12:29	N	TEMPERATURE	Temperature	16.1	Deg C	Temperature	TEMPERATURE	16.1	Deg C				FIELD
B29TP7	399-1-56	10/18/11 11:50	N	TEMPERATURE	Temperature	17.2	Deg C	Temperature	TEMPERATURE	17.2	Deg C				FIELD
B29TR0	399-1-57	10/18/11 10:32	N	TEMPERATURE	Temperature	15.1	Deg C	Temperature	TEMPERATURE	15.1	Deg C				FIELD
B29TR3	399-1-58	11/1/11 9:50	N	TEMPERATURE	Temperature	16.5	Deg C	Temperature	TEMPERATURE	16.5	Deg C				FIELD
B29TR6	399-1-59	10/26/11 12:00	N	TEMPERATURE	Temperature	16.8	Deg C	Temperature	TEMPERATURE	16.8	Deg C				FIELD
B2FWN8	399-1-62	10/19/11 10:39	N	TEMPERATURE	Temperature	16.3	Deg C	Temperature	TEMPERATURE	16.3	Deg C				FIELD
B2FWP8	399-1-64	10/19/11 11:26	N	TEMPERATURE	Temperature	17.1	Deg C	Temperature	TEMPERATURE	17.1	Deg C				FIELD
B29TV0	399-2-32	10/18/11 13:17	N	TEMPERATURE	Temperature	17.2	Deg C	Temperature	TEMPERATURE	17.2	Deg C				FIELD
B29TX5	399-3-33	10/18/11 9:45	N	TEMPERATURE	Temperature	15.1	Deg C	Temperature	TEMPERATURE	15.1	Deg C				FIELD
B2FWX8	399-3-38	11/1/11 9:00	N	TEMPERATURE	Temperature	16.2	Deg C	Temperature	TEMPERATURE	16.2	Deg C				FIELD
B29V99	399-4-15	10/18/11 8:52	N	TEMPERATURE	Temperature	16.96	Deg C	Temperature	TEMPERATURE	16.96	Deg C				FIELD
B29VB8	399-6-3	10/26/11 11:15	N	TEMPERATURE	Temperature	16.2	Deg C	Temperature	TEMPERATURE	16.2	Deg C				FIELD
B2DR81	399-6-5	10/26/11 10:22	N	TEMPERATURE	Temperature	16.7	Deg C	Temperature	TEMPERATURE	16.7	Deg C				FIELD
B29TP0	399-1-54	10/18/11 11:13	N	127-18-4	Tetrachloroethene	1	µg/L	Tetrachloroethene	127-18-4	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	127-18-4	Tetrachloroethene	1	µg/L	Tetrachloroethene	127-18-4	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	127-18-4	Tetrachloroethene	1	µg/L	Tetrachloroethene	127-18-4	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	127-18-4	Tetrachloroethene	1	µg/L	Tetrachloroethene	127-18-4	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	127-18-4	Tetrachloroethene	0.18	µg/L	Tetrachloroethene	127-18-4	0.18	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	127-18-4	Tetrachloroethene	1	µg/L	Tetrachloroethene	127-18-4	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	127-18-4	Tetrachloroethene	1	µg/L	Tetrachloroethene	127-18-4	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	127-18-4	Tetrachloroethene	1	µg/L	Tetrachloroethene	127-18-4	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	127-18-4	Tetrachloroethene	0.18	µg/L	Tetrachloroethene	127-18-4	0.18	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	127-18-4	Tetrachloroethene	0.22	µg/L	Tetrachloroethene	127-18-4	0.22	µg/L	J			TASL
B29TP0	399-1-54	10/18/11 11:13	N	109-99-9	Tetrahydrofuran	2	µg/L	Tetrahydrofuran	109-99-9	2	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	109-99-9	Tetrahydrofuran	2	µg/L	Tetrahydrofuran	109-99-9	2	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	109-99-9	Tetrahydrofuran	2	µg/L	Tetrahydrofuran	109-99-9	2	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	109-99-9	Tetrahydrofuran	2	µg/L	Tetrahydrofuran	109-99-9	2	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	109-99-9	Tetrahydrofuran	1.1	µg/L	Tetrahydrofuran	109-99-9	1.1	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	109-99-9	Tetrahydrofuran	2	µg/L	Tetrahydrofuran	109-99-9	2	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	109-99-9	Tetrahydrofuran	2	µg/L	Tetrahydrofuran	109-99-9	2	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	109-99-9	Tetrahydrofuran	2	µg/L	Tetrahydrofuran	109-99-9	2	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	109-99-9	Tetrahydrofuran	1.1	µg/L	Tetrahydrofuran	109-99-9	1.1	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	109-99-9	Tetrahydrofuran	1.1	µg/L	Tetrahydrofuran	109-99-9	1.1	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	108-88-3	Toluene	1	µg/L	Toluene	108-88-3	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	108-88-3	Toluene	1	µg/L	Toluene	108-88-3	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	108-88-3	Toluene	1	µg/L	Toluene	108-88-3	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	108-88-3	Toluene	1	µg/L	Toluene	108-88-3	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	108-88-3	Toluene	0.072	µg/L	Toluene	108-88-3	0.072	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	108-88-3	Toluene	1	µg/L	Toluene	108-88-3	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	108-88-3	Toluene	1	µg/L	Toluene	108-88-3	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	108-88-3	Toluene	1	µg/L	Toluene	108-88-3	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	108-88-3	Toluene	0.072	µg/L	Toluene	108-88-3	0.072	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	108-88-3	Toluene	0.072	µg/L	Toluene	108-88-3	0.072	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	156-60-5	trans-1,2-Dichloroethylene	1	µg/L	trans-1,2-Dichloroethylene	156-60-5	1	µg/L	U			WSCF

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	METHOD_NAME	MEDIA	UserFlag	ReviewDate	ReviewComment	ALTERNATE _SAMP_NUM	ANAL_DATE _TIME	ANALYSIS_ BATCH_NUM	COLL_MTHD	COLL_SAMP_SIZE	COLL_SAMP_ SIZE_UNITS	COLLECTION _PURPOSE	COMPOSITE _FLAG	COUNTING _ERROR	DATE_ASSIGNED	DATE_LAST_MODIFIED	DILUT_FACTOR
B29TX6	6010_METALS_ICP	GW					11/9/11 12:42	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 14:46	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/10/11 13:11	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	5
B29V98	6010_METALS_ICP	GW					11/10/11 12:22	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	5
B29VB6	6010_METALS_ICP	GW					11/10/11 14:11	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	5
B29VB7	6010_METALS_ICP	GW					11/11/11 17:30	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	5
B2DR82	6010_METALS_ICP	GW					11/11/11 17:23	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	5
B2DR84	6010_METALS_ICP	GW					11/10/11 13:38	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	5
B29V98	SRISO_SEP_PRECIP_GPC	GW					11/23/11 9:09	7/31/70 0:00				R		0.57	12/6/10 9:36	11/29/11 12:01	1
B29WC0	300.0_ANIONS_IC	GW					10/18/11 19:07	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC1	300.0_ANIONS_IC	GW					10/18/11 18:11	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC2	300.0_ANIONS_IC	GW					10/18/11 18:48	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC3	300.0_ANIONS_IC	GW					10/18/11 19:26	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WC5	300.0_ANIONS_IC	GW					10/29/11 7:47	6/4/95 0:00				R			12/7/10 12:22	11/28/11 7:17	20
B2FWP1	300.0_ANIONS_IC	GW					10/19/11 19:26	10/28/23 0:00				R			7/22/11 14:13	11/7/11 9:19	2
B2FWR1	300.0_ANIONS_IC	GW					10/19/11 19:07	10/28/23 0:00				R			7/22/11 14:13	11/7/11 9:19	2
B29WC9	300.0_ANIONS_IC	GW					10/18/11 18:30	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD5	300.0_ANIONS_IC	GW					10/18/11 19:45	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD6	300.0_ANIONS_IC	GW					10/18/11 20:04	10/19/23 0:00				R			12/7/10 12:22	11/7/11 9:19	2
B29WD7	300.0_ANIONS_IC	GW					10/29/11 5:43	6/4/95 0:00				R			12/7/10 12:22	11/28/11 7:17	20
B2DR83	300.0_ANIONS_IC	GW					10/28/11 10:07	6/4/95 0:00				R			5/4/11 12:36	11/28/11 7:17	20
B29TP1	TEMP_FLD	GW					10/18/11 11:13					R			12/6/10 9:32	12/2/11 11:35	
B29TP4	TEMP_FLD	GW					10/18/11 12:29					R			12/6/10 9:32	12/2/11 11:34	
B29TP7	TEMP_FLD	GW										R			12/6/10 9:32	12/2/11 11:31	
B29TR0	TEMP_FLD	GW					10/18/11 10:32					R			12/6/10 9:32	12/2/11 10:43	
B29TR3	TEMP_FLD	GW					11/1/11 9:50					R			12/6/10 9:32	11/7/11 8:09	
B29TR6	TEMP_FLD	GW					10/26/11 12:00					R			12/6/10 9:32	12/2/11 11:53	
B2FWN8	TEMP_FLD	GW					10/19/11 10:39					R			7/22/11 14:13	12/2/11 11:43	
B2FWP8	TEMP_FLD	GW					10/19/11 11:26					R			7/22/11 14:13	12/2/11 11:43	
B29TV0	TEMP_FLD	GW					10/18/11 13:17					R			12/6/10 9:32	12/2/11 11:37	
B29TX5	TEMP_FLD	GW					10/18/11 9:45					R			12/6/10 9:33	12/2/11 11:36	
B2FWX8	TEMP_FLD	GW					11/1/11 9:00					R			7/22/11 14:13	11/3/11 9:20	
B29V99	TEMP_FLD	GW					10/18/11 8:52					R			12/6/10 9:36	12/2/11 11:41	
B29VB8	TEMP_FLD	GW					10/26/11 11:15					R			12/6/10 9:36	12/2/11 11:54	
B2DR81	TEMP_FLD	GW					10/26/11 10:22					R			5/4/11 12:36	12/2/11 11:53	
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	DISTILLATION_VOL	END_FLOW_RATE	EXPOSURE_HOURS	FIELD_QC_TYPE	FLOW_RATE_UNITS	LAB_COMMENT_CD	LAB_EXTRACTED_DATE	LAB_MATRIX_CODE	LAB_QC_TYPE	LAB_RECEIVED_DATE	LOAD_DATE_TIME	MATRIX	MIN_DETECTABLE_ACTIVITY
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.962
B29WC0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC1								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC2								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WC5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWP1								WATER		10/19/11 0:00	11/7/11 9:19	WATER	
B2FWR1								WATER		10/19/11 0:00	11/7/11 9:19	WATER	
B29WC9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD5								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29WD7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR83								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP1								WATER			12/2/11 11:35	WATER	
B29TP4								WATER			12/2/11 11:34	WATER	
B29TP7								WATER			12/2/11 11:31	WATER	
B29TR0								WATER			12/2/11 10:43	WATER	
B29TR3								WATER			11/3/11 9:18	WATER	
B29TR6								WATER			12/2/11 11:53	WATER	
B2FWN8								WATER			12/2/11 11:43	WATER	
B2FWP8								WATER			12/2/11 11:43	WATER	
B29TV0								WATER			12/2/11 11:37	WATER	
B29TX5								WATER			12/2/11 11:36	WATER	
B2FWX8								WATER			11/3/11 9:20	WATER	
B29V99								WATER			12/2/11 11:41	WATER	
B29VB8								WATER			12/2/11 11:54	WATER	
B2DR81								WATER			12/2/11 11:53	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	MOISTURE_DEC	OWNER_ID	PCNT_MOISTURE	PCNT_SOLIDS	REPORTING_LIMIT	REPORTING_LIMIT_TYPE	REQUIRED_DETECTION_LIMIT	RESULT_COMMENT	RESULT_RECEIVED_DATE	RETENTION_TIME	RRN	SAF_NUM	SAMP_ALIQUOT_SIZE
B29TX6		PNLGW			0.54	MDL	50		11/23/11 10:52		104267132	S11-012	50
B29YB4		PNLGW			0.54	MDL	50		11/23/11 10:52		104267151	S11-012	50
B29V97		PNLGW			2.7	MDL	250		11/23/11 10:52		104267026	S11-012	50
B29V98		PNLGW			2.7	MDL	250		11/23/11 10:52		104266965	S11-012	50
B29VB6		PNLGW			2.7	MDL	250		11/23/11 10:52		104266650	S11-012	50
B29VB7		PNLGW			2.7	MDL	250		11/23/11 10:52		104266678	S11-012	50
B2DR82		PNLGW			2.7	MDL	250		11/23/11 10:52		104266671	S11-006	50
B2DR84		PNLGW			2.7	MDL	250		11/23/11 10:52		104266702	S11-006	50
B29V98		PNLGW			2	RDL	2		11/29/11 9:52		104269606	S11-012	0.4995
B29WC0		PNLGW			0.14	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777048	S11-012	10
B29WC1		PNLGW			0.14	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777116	S11-012	10
B29WC2		PNLGW			0.14	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777041	S11-012	10
B29WC3		PNLGW			0.14	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777060	S11-012	10
B29WC5		PNLGW			1	MDL	10		11/23/11 10:52		104266578	S11-012	5
B2FWP1		PNLGW			0.14	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:42		101776707	S11-009	10
B2FWR1		PNLGW			0.14	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:42		101776704	S11-009	10
B29WC9		PNLGW			0.14	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777034	S11-012	10
B29WD5		PNLGW			0.14	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777067	S11-012	10
B29WD6		PNLGW			0.14	MDL		Laboratory Method ID is LA-533-410	11/7/11 7:43		101777056	S11-012	10
B29WD7		PNLGW			1	MDL	10		11/23/11 10:52		104266571	S11-012	5
B2DR83		PNLGW			1	MDL	10		11/23/11 10:52		104266596	S11-006	5
B29TP1		PNLGW									104270495	S11-012	
B29TP4		PNLGW									104270489	S11-012	
B29TP7		PNLGW									104270483	S11-012	
B29TR0		PNLGW									104270459	S11-012	
B29TR3		PNLGW									101773427	S11-012	
B29TR6		PNLGW									104270610	S11-012	
B2FWN8		PNLGW									104270524	S11-009	
B2FWP8		PNLGW									104270530	S11-009	
B29TV0		PNLGW									104270507	S11-012	
B29TX5		PNLGW									104270501	S11-012	
B2FWX8		PNLGW									101773433	S11-009	
B29V99		PNLGW									104270513	S11-012	
B29VB8		PNLGW									104270622	S11-012	
B2DR81		PNLGW									104270616	S11-006	
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777164	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777178	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777265	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777157	S11-012	5
B29TR5		PNLGW			0.18	MDL	1		11/23/11 10:52		104267226	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777232	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777200	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777134	S11-012	5
B29VB7		PNLGW			0.18	MDL	1		11/23/11 10:52		104267199	S11-012	25
B2DR82		PNLGW			0.18	MDL	1		11/23/11 10:52		104267260	S11-006	25
B29TP0		PNLGW			2	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777069	S11-012	5
B29TP3		PNLGW			2	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777191	S11-012	5
B29TP6		PNLGW			2	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777273	S11-012	5
B29TP9		PNLGW			2	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777099	S11-012	5
B29TR5		PNLGW			1.1	MDL	10		11/23/11 10:52		104267227	S11-012	25
B29TT9		PNLGW			2	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777244	S11-012	5
B29TX6		PNLGW			2	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777214	S11-012	5
B29V98		PNLGW			2	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777253	S11-012	5
B29VB7		PNLGW			1.1	MDL	10		11/23/11 10:52		104267200	S11-012	25
B2DR82		PNLGW			1.1	MDL	10		11/23/11 10:52		104267240	S11-006	25
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777105	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777288	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777276	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777151	S11-012	5
B29TR5		PNLGW			0.072	MDL	1		11/23/11 10:52		104267228	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777199	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777078	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777087	S11-012	5
B29VB7		PNLGW			0.072	MDL	1		11/23/11 10:52		104267201	S11-012	25
B2DR82		PNLGW			0.072	MDL	1		11/23/11 10:52		104267241	S11-006	25
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777070	S11-012	5

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	SAMP_ALIQUOT_UNITS	SAMP_COMMENT	SAMP_DATE_TIME_ON	SAMP_FROM	SAMP_INTERVAL_BOTTOM	SAMP_INTERVAL_TOP	SAMP_INTERVAL_UNITS	SAMP_ITEM	SAMP_MTHD	SDG_NUM
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191
B29V98	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29WC0	mL									WSCF113380
B29WC1	mL									WSCF113380
B29WC2	mL									WSCF113380
B29WC3	mL									WSCF113380
B29WC5	mL	DIVERTED								SL1191
B2FWP1	mL									WSCF113385
B2FWR1	mL									WSCF113385
B29WC9	mL									WSCF113380
B29WD5	mL									WSCF113380
B29WD6	mL									WSCF113380
B29WD7	mL	DIVERTED								SL1191
B2DR83	mL	DIVERTED								SL1191
B29TP1										UNKNOWN
B29TP4										UNKNOWN
B29TP7										UNKNOWN
B29TR0										UNKNOWN
B29TR3		VERIFIED - KWH 11-7-11								UNKNOWN
B29TR6										UNKNOWN
B2FWN8										UNKNOWN
B2FWP8										UNKNOWN
B29TV0										UNKNOWN
B29TX5										UNKNOWN
B2FWX8		VERIFIED - KWH 11-7-11								UNKNOWN
B29V99										UNKNOWN
B29VB8										UNKNOWN
B2DR81										UNKNOWN
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	START_FLOW_RATE	STD_COUNTING_ERROR	STD_MDA	STD_REPORTING_LIMIT	STD_REQUIRED_DETECTION_LIMIT	STD_SAMP_INTV_BOT	STD_SAMP_INTV_TOP	STD_SAMP_INTV_UNITS	STD_TOTAL_ANAL_ERROR	TAG_ID	TIC_FLAG	TOTAL_ANAL_ERROR
B29TX6				0.54	50							
B29YB4				0.54	50							
B29V97				2.7	250							
B29V98				2.7	250							
B29VB6				2.7	250							
B29VB7				2.7	250							
B2DR82				2.7	250							
B2DR84				2.7	250							
B29V98		0.57	0.962	2	2				0.6			0.6
B29WC0				140								
B29WC1				140								
B29WC2				140								
B29WC3				140								
B29WC5				1000	10000							
B2FWP1				140								
B2FWR1				140								
B29WC9				140								
B29WD5				140								
B29WD6				140								
B29WD7				1000	10000							
B2DR83				1000	10000							
B29TP1												
B29TP4												
B29TP7												
B29TR0												
B29TR3												
B29TR6												
B2FWN8												
B2FWP8												
B29TV0												
B29TX5												
B2FWX8												
B29V99												
B29VB8												
B2DR81												
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.18	1							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.18	1							
B2DR82				0.18	1							
B29TP0				2								
B29TP3				2								
B29TP6				2								
B29TP9				2								
B29TR5				1.1	10							
B29TT9				2								
B29TX6				2								
B29V98				2								
B29VB7				1.1	10							
B2DR82				1.1	10							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.072	1							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.072	1							
B2DR82				0.072	1							
B29TP0				1								

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	WELL_NAME	SAMP_DATE_TIME	FILTERED _FLAG	STD_CON_ID	STD_CON_LONG_NAME	STD_VALUE_RPTD	STD_ANAL_ UNITS_RPTD	CON_LONG_NAME	CON_ID	VALUE_RPTD	ANAL_UNITS _RPTD	LAB_ QUALIFIER	REVIEW_ QUALIFIER	VALIDATION _QUALIFIER	LAB_CODE
B29TP3	399-1-55	10/18/11 12:29	N	156-60-5	trans-1,2-Dichloroethylene	1	µg/L	trans-1,2-Dichloroethylene	156-60-5	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	156-60-5	trans-1,2-Dichloroethylene	1	µg/L	trans-1,2-Dichloroethylene	156-60-5	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	156-60-5	trans-1,2-Dichloroethylene	1	µg/L	trans-1,2-Dichloroethylene	156-60-5	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	156-60-5	trans-1,2-Dichloroethylene	0.083	µg/L	trans-1,2-Dichloroethylene	156-60-5	0.083	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	156-60-5	trans-1,2-Dichloroethylene	1	µg/L	trans-1,2-Dichloroethylene	156-60-5	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	156-60-5	trans-1,2-Dichloroethylene	1	µg/L	trans-1,2-Dichloroethylene	156-60-5	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	156-60-5	trans-1,2-Dichloroethylene	1	µg/L	trans-1,2-Dichloroethylene	156-60-5	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	156-60-5	trans-1,2-Dichloroethylene	0.083	µg/L	trans-1,2-Dichloroethylene	156-60-5	0.083	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	156-60-5	trans-1,2-Dichloroethylene	0.083	µg/L	trans-1,2-Dichloroethylene	156-60-5	0.083	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	79-01-6	Trichloroethene	1	µg/L	Trichloroethene	79-01-6	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	79-01-6	Trichloroethene	1	µg/L	Trichloroethene	79-01-6	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	79-01-6	Trichloroethene	1	µg/L	Trichloroethene	79-01-6	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	79-01-6	Trichloroethene	3	µg/L	Trichloroethene	79-01-6	3	µg/L	J			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	79-01-6	Trichloroethene	3.2	µg/L	Trichloroethene	79-01-6	3.2	µg/L				TASL
B29TT9	399-2-32	10/18/11 13:17	N	79-01-6	Trichloroethene	1	µg/L	Trichloroethene	79-01-6	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	79-01-6	Trichloroethene	1	µg/L	Trichloroethene	79-01-6	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	79-01-6	Trichloroethene	3.4	µg/L	Trichloroethene	79-01-6	3.4	µg/L	J			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	79-01-6	Trichloroethene	0.52	µg/L	Trichloroethene	79-01-6	0.52	µg/L	J			TASL
B2DR82	399-6-5	10/20/11 10:22	N	79-01-6	Trichloroethene	1.3	µg/L	Trichloroethene	79-01-6	1.3	µg/L				TASL
B29TP0	399-1-54	10/18/11 11:13	N	10028-17-8	Tritium	6520	pCi/L	Tritium	10028-17-8	6520	pCi/L				TARL
B29TP3	399-1-55	10/18/11 12:29	N	10028-17-8	Tritium	6960	pCi/L	Tritium	10028-17-8	6960	pCi/L				TARL
B29TP6	399-1-56	10/18/11 11:50	N	10028-17-8	Tritium	6100	pCi/L	Tritium	10028-17-8	6100	pCi/L				TARL
B29TP9	399-1-57	10/18/11 10:32	N	10028-17-8	Tritium	916	pCi/L	Tritium	10028-17-8	916	pCi/L				TARL
B29TR5	399-1-59	10/26/11 12:00	N	10028-17-8	Tritium	1300	pCi/L	Tritium	10028-17-8	1300	pCi/L				TARL
B29TT9	399-2-32	10/18/11 13:17	N	10028-17-8	Tritium	4220	pCi/L	Tritium	10028-17-8	4220	pCi/L				TARL
B29TX6	399-3-33	10/18/11 9:45	N	10028-17-8	Tritium	5320	pCi/L	Tritium	10028-17-8	5320	pCi/L				TARL
B29V98	399-4-15	10/18/11 8:52	N	10028-17-8	Tritium	2300	pCi/L	Tritium	10028-17-8	2300	pCi/L				TARL
B29VB7	399-6-3	10/26/11 11:15	N	10028-17-8	Tritium	171	pCi/L	Tritium	10028-17-8	171	pCi/L	U			TARL
B29TP1	399-1-54	10/18/11 11:13	N	TURBIDITY	Turbidity	2.15	NTU	Turbidity	TURBIDITY	2.15	NTU				FIELD
B29TP4	399-1-55	10/18/11 12:29	N	TURBIDITY	Turbidity	2.02	NTU	Turbidity	TURBIDITY	2.02	NTU				FIELD
B29TP7	399-1-56	10/18/11 11:50	N	TURBIDITY	Turbidity	1.01	NTU	Turbidity	TURBIDITY	1.01	NTU				FIELD
B29TR0	399-1-57	10/18/11 10:32	N	TURBIDITY	Turbidity	1.37	NTU	Turbidity	TURBIDITY	1.37	NTU				FIELD
B29TR3	399-1-58	11/1/11 9:50	N	TURBIDITY	Turbidity	0.46	NTU	Turbidity	TURBIDITY	0.46	NTU				FIELD
B29TR6	399-1-59	10/26/11 12:00	N	TURBIDITY	Turbidity	0.64	NTU	Turbidity	TURBIDITY	0.64	NTU				FIELD
B2FWN8	399-1-62	10/19/11 10:39	N	TURBIDITY	Turbidity	1.83	NTU	Turbidity	TURBIDITY	1.83	NTU				FIELD
B2FWP8	399-1-64	10/19/11 11:26	N	TURBIDITY	Turbidity	0.23	NTU	Turbidity	TURBIDITY	0.23	NTU				FIELD
B29TV0	399-2-32	10/18/11 13:17	N	TURBIDITY	Turbidity	1.32	NTU	Turbidity	TURBIDITY	1.32	NTU				FIELD
B29TX5	399-3-33	10/18/11 9:45	N	TURBIDITY	Turbidity	1.53	NTU	Turbidity	TURBIDITY	1.53	NTU				FIELD
B2FWX8	399-3-38	11/1/11 9:00	N	TURBIDITY	Turbidity	0.5	NTU	Turbidity	TURBIDITY	0.5	NTU				FIELD
B29V99	399-4-15	10/18/11 8:52	N	TURBIDITY	Turbidity	0.52	NTU	Turbidity	TURBIDITY	0.52	NTU				FIELD
B29VB8	399-6-3	10/26/11 11:15	N	TURBIDITY	Turbidity	0.96	NTU	Turbidity	TURBIDITY	0.96	NTU				FIELD
B2DR81	399-6-5	10/26/11 10:22	N	TURBIDITY	Turbidity	4.6	NTU	Turbidity	TURBIDITY	4.6	NTU				FIELD
B29TP0	399-1-54	10/18/11 11:13	N	7440-61-1	Uranium	37.4	µg/L	Uranium	7440-61-1	37.4	µg/L				TASL
B29TP3	399-1-55	10/18/11 12:29	N	7440-61-1	Uranium	158	µg/L	Uranium	7440-61-1	158	µg/L				TASL
B29TP6	399-1-56	10/18/11 11:50	N	7440-61-1	Uranium	12.6	µg/L	Uranium	7440-61-1	12.6	µg/L				TASL
B29TP9	399-1-57	10/18/11 10:32	N	7440-61-1	Uranium	0.23	µg/L	Uranium	7440-61-1	0.23	µg/L	U			TASL
B29TR5	399-1-59	10/26/11 12:00	N	7440-61-1	Uranium	24.5	µg/L	Uranium	7440-61-1	24.5	µg/L				TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7440-61-1	Uranium	361	µg/L	Uranium	7440-61-1	361	µg/L				TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7440-61-1	Uranium	22	µg/L	Uranium	7440-61-1	22	µg/L				TASL
B29TT9	399-2-32	10/18/11 13:17	N	7440-61-1	Uranium	53.8	µg/L	Uranium	7440-61-1	53.8	µg/L				TASL
B29TX6	399-3-33	10/18/11 9:45	N	7440-61-1	Uranium	91.1	µg/L	Uranium	7440-61-1	91.1	µg/L				TASL
B29V98	399-4-15	10/18/11 8:52	N	7440-61-1	Uranium	61.8	µg/L	Uranium	7440-61-1	61.8	µg/L				TASL
B29VB7	399-6-3	10/26/11 11:15	N	7440-61-1	Uranium	18.4	µg/L	Uranium	7440-61-1	18.4	µg/L				TASL
B2DR82	399-6-5	10/20/11 10:22	N	7440-61-1	Uranium	20.1	µg/L	Uranium	7440-61-1	20.1	µg/L				TASL
B29TP0	399-1-54	10/18/11 11:13	N	13966-29-5	Uranium-234	12.5	pCi/L	Uranium-234	13966-29-5	12.5	pCi/L				TARL
B29TP3	399-1-55	10/18/11 12:29	N	13966-29-5	Uranium-234	54.4	pCi/L	Uranium-234	13966-29-5	54.4	pCi/L				TARL
B29TP6	399-1-56	10/18/11 11:50	N	13966-29-5	Uranium-234	4.54	pCi/L	Uranium-234	13966-29-5	4.54	pCi/L				TARL
B29TP9	399-1-57	10/18/11 10:32	N	13966-29-5	Uranium-234	0.059	pCi/L	Uranium-234	13966-29-5	0.059	pCi/L	U			TARL
B29TR5	399-1-59	10/26/11 12:00	N	13966-29-5	Uranium-234	7.67	pCi/L	Uranium-234	13966-29-5	7.67	pCi/L				TARL
B29TT9	399-2-32	10/18/11 13:17	N	13966-29-5	Uranium-234	18.3	pCi/L	Uranium-234	13966-29-5	18.3	pCi/L				TARL
B29TX6	399-3-33	10/18/11 9:45	N	13966-29-5	Uranium-234	32.7	pCi/L	Uranium-234	13966-29-5	32.7	pCi/L				TARL
B29V98	399-4-15	10/18/11 8:52	N	13966-29-5	Uranium-234	21.5	pCi/L	Uranium-234	13966-29-5	21.5	pCi/L				TARL
B29VB7	399-6-3	10/26/11 11:15	N	13966-29-5	Uranium-234	5.9	pCi/L	Uranium-234	13966-29-5	5.9	pCi/L				TARL
B29TP0	399-1-54	10/18/11 11:13	N	15117-96-1	Uranium-235	0.411	pCi/L	Uranium-235	15117-96-1	0.411	pCi/L				TARL
B29TP3	399-1-55	10/18/11 12:29	N	15117-96-1	Uranium-235	2.48	pCi/L	Uranium-235	15117-96-1	2.48	pCi/L				TARL
B29TP6	399-1-56	10/18/11 11:50	N	15117-96-1	Uranium-235	0.154	pCi/L	Uranium-235	15117-96-1	0.154	pCi/L				TARL

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	METHOD_NAME	MEDIA	UserFlag	ReviewDate	ReviewComment	ALTERNATE _SAMP_NUM	ANAL_DATE _TIME	ANALYSIS_ BATCH_NUM	COLL_MTHD	COLL_SAMP_SIZE	COLL_SAMP_ SIZE_UNITS	COLLECTION _PURPOSE	COMPOSITE _FLAG	COUNTING _ERROR	DATE_ASSIGNED	DATE_LAST_MODIFIED	DILUT_FACTOR
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					11/1/11 14:38	4/14/73 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	906.0_H3_LSC	GW					11/7/11 14:58	8/1/70 0:00				R		320	12/6/10 9:32	11/29/11 12:01	1
B29TP3	906.0_H3_LSC	GW					11/7/11 16:21	8/1/70 0:00				R		330	12/6/10 9:32	11/29/11 12:01	1
B29TP6	906.0_H3_LSC	GW					11/7/11 17:43	8/1/70 0:00				R		310	12/6/10 9:32	11/29/11 12:01	1
B29TP9	906.0_H3_LSC	GW					11/7/11 19:06	8/1/70 0:00				R		180	12/6/10 9:32	11/29/11 12:01	1
B29TR5	906.0_H3_LSC	GW					11/8/11 0:37	8/1/70 0:00				R		190	12/6/10 9:32	11/29/11 12:01	1
B29TT9	906.0_H3_LSC	GW					11/7/11 20:29	8/1/70 0:00				R		270	12/6/10 9:32	11/29/11 12:01	1
B29TX6	906.0_H3_LSC	GW					11/7/11 21:51	8/1/70 0:00				R		290	12/6/10 9:33	11/29/11 12:01	1
B29V98	906.0_H3_LSC	GW					11/7/11 23:15	8/1/70 0:00				R		220	12/6/10 9:36	11/29/11 12:01	1
B29VB7	906.0_H3_LSC	GW					11/8/11 3:23	8/1/70 0:00				R		140	12/6/10 9:36	11/29/11 12:01	1
B29TP1	TURBIDITY_FLD	GW					10/18/11 11:13					R			12/6/10 9:32	12/2/11 11:35	
B29TP4	TURBIDITY_FLD	GW					10/18/11 12:29					R			12/6/10 9:32	12/2/11 11:34	
B29TP7	TURBIDITY_FLD	GW										R			12/6/10 9:32	12/2/11 11:31	
B29TR0	TURBIDITY_FLD	GW					10/18/11 10:32					R			12/6/10 9:32	12/2/11 10:43	
B29TR3	TURBIDITY_FLD	GW					11/1/11 9:50					R			12/6/10 9:32	11/3/11 9:18	
B29TR6	TURBIDITY_FLD	GW					10/26/11 12:00					R			12/6/10 9:32	12/2/11 11:53	
B2FWN8	TURBIDITY_FLD	GW					10/19/11 10:39					R			7/22/11 14:13	12/2/11 11:43	
B2FWP8	TURBIDITY_FLD	GW					10/19/11 11:26					R			7/22/11 14:13	12/2/11 11:44	
B29TV0	TURBIDITY_FLD	GW					10/18/11 13:17					R			12/6/10 9:32	12/2/11 11:37	
B29TX5	TURBIDITY_FLD	GW					10/18/11 9:45					R			12/6/10 9:33	12/2/11 11:36	
B2FWX8	TURBIDITY_FLD	GW					11/1/11 9:00					R			7/22/11 14:13	11/3/11 9:20	
B29V99	TURBIDITY_FLD	GW					10/18/11 8:52					R			12/6/10 9:36	12/2/11 11:41	
B29VB8	TURBIDITY_FLD	GW					10/26/11 11:15					R			12/6/10 9:36	12/2/11 11:54	
B2DR81	TURBIDITY_FLD	GW					10/26/11 10:22					R			5/4/11 12:36	12/2/11 11:53	
B29TP0	6020_METALS_ICPMS	GW					11/10/11 7:48	6/26/73 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6020_METALS_ICPMS	GW					11/10/11 7:55	6/26/73 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6020_METALS_ICPMS	GW					11/10/11 7:41	6/26/73 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6020_METALS_ICPMS	GW					11/10/11 8:31	6/26/73 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6020_METALS_ICPMS	GW					11/10/11 8:52	6/26/73 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6020_METALS_ICPMS	GW					11/9/11 3:36	1/11/76 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP9	6020_METALS_ICPMS	GW					11/9/11 3:29	1/11/76 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT9	6020_METALS_ICPMS	GW					11/10/11 8:02	6/26/73 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6020_METALS_ICPMS	GW					11/10/11 7:12	6/26/73 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29V98	6020_METALS_ICPMS	GW					11/10/11 8:23	6/26/73 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6020_METALS_ICPMS	GW					11/10/11 8:45	6/26/73 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	6020_METALS_ICPMS	GW					11/10/11 8:38	6/26/73 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	UISO_PLATE_AEA	GW					11/9/11 19:07	7/28/70 0:00				R		1.3	12/6/10 9:32	11/29/11 12:01	1
B29TP3	UISO_PLATE_AEA	GW					11/9/11 19:07	7/28/70 0:00				R		2.6	12/6/10 9:32	11/29/11 12:01	1
B29TP6	UISO_PLATE_AEA	GW					11/9/11 19:08	7/28/70 0:00				R		0.75	12/6/10 9:32	11/29/11 12:01	1
B29TP9	UISO_PLATE_AEA	GW					11/9/11 19:08	7/28/70 0:00				R		0.084	12/6/10 9:32	11/29/11 12:01	1
B29TR5	UISO_PLATE_AEA	GW					11/9/11 19:09	7/28/70 0:00				R		0.96	12/6/10 9:32	11/29/11 12:01	1
B29TT9	UISO_PLATE_AEA	GW					11/9/11 19:08	7/28/70 0:00				R		1.5	12/6/10 9:32	11/29/11 12:01	1
B29TX6	UISO_PLATE_AEA	GW					11/9/11 19:08	7/28/70 0:00				R		2.1	12/6/10 9:33	11/29/11 12:01	1
B29V98	UISO_PLATE_AEA	GW					11/9/11 19:09	7/28/70 0:00				R		1.6	12/6/10 9:36	11/29/11 12:01	1
B29VB7	UISO_PLATE_AEA	GW					11/9/11 19:10	7/28/70 0:00				R		0.89	12/6/10 9:36	11/29/11 12:01	1
B29TP0	UISO_PLATE_AEA	GW					11/9/11 19:07	7/28/70 0:00				R		0.25	12/6/10 9:32	11/29/11 12:01	1
B29TP3	UISO_PLATE_AEA	GW					11/9/11 19:07	7/28/70 0:00				R		0.56	12/6/10 9:32	11/29/11 12:01	1
B29TP6	UISO_PLATE_AEA	GW					11/9/11 19:08	7/28/70 0:00				R		0.14	12/6/10 9:32	11/29/11 12:01	1

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	DISTILLATION_VOL	END_FLOW_RATE	EXPOSURE_HOURS	FIELD_QC_TYPE	FLOW_RATE_UNITS	LAB_COMMENT_CD	LAB_EXTRACTED_DATE	LAB_MATRIX_CODE	LAB_QC_TYPE	LAB_RECEIVED_DATE	LOAD_DATE_TIME	MATRIX	MIN_DETECTABLE_ACTIVITY
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/19/11 0:00	11/29/11 12:01	WATER	337
B29TP3								WATER		10/19/11 0:00	11/29/11 12:01	WATER	338
B29TP6								WATER		10/19/11 0:00	11/29/11 12:01	WATER	339
B29TP9								WATER		10/19/11 0:00	11/29/11 12:01	WATER	339
B29TR5								WATER		10/26/11 0:00	11/29/11 12:01	WATER	334
B29TT9								WATER		10/19/11 0:00	11/29/11 12:01	WATER	334
B29TX6								WATER		10/19/11 0:00	11/29/11 12:01	WATER	337
B29V98								WATER		10/19/11 0:00	11/29/11 12:01	WATER	331
B29VB7								WATER		10/26/11 0:00	11/29/11 12:01	WATER	331
B29TP1								WATER			12/2/11 11:35	WATER	
B29TP4								WATER			12/2/11 11:34	WATER	
B29TP7								WATER			12/2/11 11:31	WATER	
B29TR0								WATER			12/2/11 10:43	WATER	
B29TR3								WATER			11/3/11 9:18	WATER	
B29TR6								WATER			12/2/11 11:53	WATER	
B2FWN8								WATER			12/2/11 11:43	WATER	
B2FWP8								WATER			12/2/11 11:43	WATER	
B29TV0								WATER			12/2/11 11:37	WATER	
B29TX5								WATER			12/2/11 11:36	WATER	
B2FWX8								WATER			11/3/11 9:20	WATER	
B29V99								WATER			12/2/11 11:41	WATER	
B29VB8								WATER			12/2/11 11:54	WATER	
B2DR81								WATER			12/2/11 11:53	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.314
B29TP3								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.265
B29TP6								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.147
B29TP9								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.141
B29TR5								WATER		10/26/11 0:00	11/29/11 12:01	WATER	0.145
B29TT9								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.166
B29TX6								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.185
B29V98								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.211
B29VB7								WATER		10/26/11 0:00	11/29/11 12:01	WATER	0.18
B29TP0								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.268
B29TP3								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.195
B29TP6								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.147

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	MOISTURE_DEC	OWNER_ID	PCNT_MOISTURE	PCNT_SOLIDS	REPORTING_LIMIT	REPORTING_LIMIT_TYPE	REQUIRED_DETECTION_LIMIT	RESULT_COMMENT	RESULT_RECEIVED_DATE	RETENTION_TIME	RRN	SAF_NUM	SAMP_ALIQUOT_SIZE
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777192	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777274	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777100	S11-012	5
B29TR5		PNLGW			0.083	MDL	1		11/23/11 10:52		104267191	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777245	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777215	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777254	S11-012	5
B29VB7		PNLGW			0.083	MDL	1		11/23/11 10:52		104267218	S11-012	25
B2DR82		PNLGW			0.083	MDL	1		11/23/11 10:52		104267252	S11-006	25
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777103	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777286	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777251	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777149	S11-012	5
B29TR5		PNLGW			0.25	MDL	1		11/23/11 10:52		104267219	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777197	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777076	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777085	S11-012	5
B29VB7		PNLGW			0.25	MDL	1		11/23/11 10:52		104267204	S11-012	25
B2DR82		PNLGW			0.25	MDL	1		11/23/11 10:52		104267244	S11-006	25
B29TP0		PNLGW			400	RDL	400		11/29/11 9:52		104269631	S11-012	0.005023
B29TP3		PNLGW			400	RDL	400		11/29/11 9:52		104269627	S11-012	0.005038
B29TP6		PNLGW			400	RDL	400		11/29/11 9:52		104269617	S11-012	0.005033
B29TP9		PNLGW			400	RDL	400		11/29/11 9:52		104269621	S11-012	0.00487
B29TR5		PNLGW			400	RDL	400		11/29/11 9:52		104269592	S11-012	0.005022
B29TT9		PNLGW			400	RDL	400		11/29/11 9:52		104269615	S11-012	0.005013
B29TX6		PNLGW			400	RDL	400		11/29/11 9:52		104269611	S11-012	0.005018
B29V98		PNLGW			400	RDL	400		11/29/11 9:52		104269609	S11-012	0.005039
B29VB7		PNLGW			400	RDL	400		11/29/11 9:52		104269587	S11-012	0.005009
B29TP1		PNLGW									104270497	S11-012	
B29TP4		PNLGW									104270491	S11-012	
B29TP7		PNLGW									104270485	S11-012	
B29TR0		PNLGW									104270461	S11-012	
B29TR3		PNLGW									101773429	S11-012	
B29TR6		PNLGW									104270612	S11-012	
B2FWN8		PNLGW									104270526	S11-009	
B2FWP8		PNLGW									104270532	S11-009	
B29TV0		PNLGW									104270509	S11-012	
B29TX5		PNLGW									104270503	S11-012	
B2FWX8		PNLGW									101773434	S11-009	
B29V99		PNLGW									104270515	S11-012	
B29VB8		PNLGW									104270624	S11-012	
B2DR81		PNLGW									104270618	S11-006	
B29TP0		PNLGW			0.23	MDL	1		11/23/11 10:52		104267097	S11-012	50
B29TP3		PNLGW			0.23	MDL	1		11/23/11 10:52		104266981	S11-012	50
B29TP6		PNLGW			0.23	MDL	1		11/23/11 10:52		104267061	S11-012	50
B29TP9		PNLGW			0.23	MDL	1		11/23/11 10:52		104266906	S11-012	50
B29TR5		PNLGW			0.23	MDL	1		11/23/11 10:52		104266638	S11-012	50
B2FWN9		PNLGW			0.23	MDL	1		11/23/11 10:52		104266712	S11-009	50
B2FWP9		PNLGW			0.23	MDL	1		11/23/11 10:52		104266776	S11-009	50
B29TT9		PNLGW			0.23	MDL	1		11/23/11 10:52		104266976	S11-012	50
B29TX6		PNLGW			0.23	MDL	1		11/23/11 10:52		104267133	S11-012	50
B29V98		PNLGW			0.23	MDL	1		11/23/11 10:52		104266966	S11-012	50
B29VB7		PNLGW			0.23	MDL	1		11/23/11 10:52		104266655	S11-012	50
B2DR82		PNLGW			0.23	MDL	1		11/23/11 10:52		104266672	S11-006	50
B29TP0		PNLGW			1	RDL	1		11/29/11 9:52		104269630	S11-012	0.2023
B29TP3		PNLGW			1	RDL	1		11/29/11 9:52		104269626	S11-012	0.199
B29TP6		PNLGW			1	RDL	1		11/29/11 9:52		104269618	S11-012	0.203
B29TP9		PNLGW			1	RDL	1		11/29/11 9:52		104269622	S11-012	0.1998
B29TR5		PNLGW			1	RDL	1		11/29/11 9:52		104269591	S11-012	0.2004
B29TT9		PNLGW			1	RDL	1		11/29/11 9:52		104269614	S11-012	0.2014
B29TX6		PNLGW			1	RDL	1		11/29/11 9:52		104269610	S11-012	0.1986
B29V98		PNLGW			1	RDL	1		11/29/11 9:52		104269605	S11-012	0.2004
B29VB7		PNLGW			1	RDL	1		11/29/11 9:52		104269586	S11-012	0.2005
B29TP0		PNLGW			1	RDL	1		11/29/11 9:52		104269629	S11-012	0.2023
B29TP3		PNLGW			1	RDL	1		11/29/11 9:52		104269625	S11-012	0.199
B29TP6		PNLGW			1	RDL	1		11/29/11 9:52		104269619	S11-012	0.203

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	SAMP_ALIQUOT_UNITS	SAMP_COMMENT	SAMP_DATE_TIME_ON	SAMP_FROM	SAMP_INTERVAL_BOTTOM	SAMP_INTERVAL_TOP	SAMP_INTERVAL_UNITS	SAMP_ITEM	SAMP_MTHD	SDG_NUM
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP3	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP6	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP9	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TR5	L	DIVERTED								W06304
B29TT9	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TX6	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29V98	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29VB7	L	DIVERTED								W06304
B29TP1										UNKNOWN
B29TP4										UNKNOWN
B29TP7										UNKNOWN
B29TR0										UNKNOWN
B29TR3		VERIFIED - KWH 11-7-11								UNKNOWN
B29TR6										UNKNOWN
B2FWN8										UNKNOWN
B2FWP8										UNKNOWN
B29TV0										UNKNOWN
B29TX5										UNKNOWN
B2FWX8		VERIFIED - KWH 11-7-11								UNKNOWN
B29V99										UNKNOWN
B29VB8										UNKNOWN
B2DR81										UNKNOWN
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP3	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP6	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP9	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TR5	L	DIVERTED								W06304
B29TT9	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TX6	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29V98	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29VB7	L	DIVERTED								W06304
B29TP0	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP3	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP6	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	START_FLOW_RATE	STD_COUNTING_ERROR	STD_MDA	STD_REPORTING_LIMIT	STD_REQUIRED_DETECTION_LIMIT	STD_SAMP_INTV_BOT	STD_SAMP_INTV_TOP	STD_SAMP_INTV_UNITS	STD_TOTAL_ANAL_ERROR	TAG_ID	TIC_FLAG	TOTAL_ANAL_ERROR
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.083	1							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.083	1							
B2DR82				0.083	1							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.25	1							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.25	1							
B2DR82				0.25	1							
B29TP0		320	337	400	400				360			360
B29TP3		330	338	400	400				370			370
B29TP6		310	339	400	400				350			350
B29TP9		180	339	400	400				180			180
B29TR5		190	334	400	400				190			190
B29TT9		270	334	400	400				290			290
B29TX6		290	337	400	400				330			330
B29V98		220	331	400	400				230			230
B29VB7		140	331	400	400				150			150
B29TP1												
B29TP4												
B29TP7												
B29TR0												
B29TR3												
B29TR6												
B2FWN8												
B2FWP8												
B29TV0												
B29TX5												
B2FWX8												
B29V99												
B29VB8												
B2DR81												
B29TP0				0.23	1							
B29TP3				0.23	1							
B29TP6				0.23	1							
B29TP9				0.23	1							
B29TR5				0.23	1							
B2FWN9				0.23	1							
B2FWP9				0.23	1							
B29TT9				0.23	1							
B29TX6				0.23	1							
B29V98				0.23	1							
B29VB7				0.23	1							
B2DR82				0.23	1							
B29TP0		1.3	0.314	1	1				2.3			2.3
B29TP3		2.6	0.265	1	1				8.7			8.7
B29TP6		0.75	0.147	1	1				1			1
B29TP9		0.084	0.141	1	1				0.085			0.085
B29TR5		0.96	0.145	1	1				1.5			1.5
B29TT9		1.5	0.166	1	1				3.1			3.1
B29TX6		2.1	0.185	1	1				5.4			5.4
B29V98		1.6	0.211	1	1				3.7			3.7
B29VB7		0.89	0.18	1	1				1.3			1.3
B29TP0		0.25	0.268	1	1				0.25			0.25
B29TP3		0.56	0.195	1	1				0.67			0.67
B29TP6		0.14	0.147	1	1				0.14			0.14

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	WELL_NAME	SAMP_DATE_TIME	FILTERED _FLAG	STD_CON_ID	STD_CON_LONG_NAME	STD_VALUE_RPTD	STD_ANAL_ UNITS_RPTD	CON_LONG_NAME	CON_ID	VALUE_RPTD	ANAL_UNITS _RPTD	LAB_ QUALIFIER	REVIEW_ QUALIFIER	VALIDATION _QUALIFIER	LAB_CODE
B29TP9	399-1-57	10/18/11 10:32	N	15117-96-1	Uranium-235	0.0295	pCi/L	Uranium-235	15117-96-1	0.0295	pCi/L	U			TARL
B29TR5	399-1-59	10/26/11 12:00	N	15117-96-1	Uranium-235	0.393	pCi/L	Uranium-235	15117-96-1	0.393	pCi/L				TARL
B29TT9	399-2-32	10/18/11 13:17	N	15117-96-1	Uranium-235	0.94	pCi/L	Uranium-235	15117-96-1	0.94	pCi/L				TARL
B29TX6	399-3-33	10/18/11 9:45	N	15117-96-1	Uranium-235	1.05	pCi/L	Uranium-235	15117-96-1	1.05	pCi/L				TARL
B29V98	399-4-15	10/18/11 8:52	N	15117-96-1	Uranium-235	0.615	pCi/L	Uranium-235	15117-96-1	0.615	pCi/L				TARL
B29VB7	399-6-3	10/26/11 11:15	N	15117-96-1	Uranium-235	0.436	pCi/L	Uranium-235	15117-96-1	0.436	pCi/L				TARL
B29TP0	399-1-54	10/18/11 11:13	N	U-238	Uranium-238	12	pCi/L	Uranium-238	U-238	12	pCi/L				TARL
B29TP3	399-1-55	10/18/11 12:29	N	U-238	Uranium-238	53.5	pCi/L	Uranium-238	U-238	53.5	pCi/L				TARL
B29TP6	399-1-56	10/18/11 11:50	N	U-238	Uranium-238	4.28	pCi/L	Uranium-238	U-238	4.28	pCi/L				TARL
B29TP9	399-1-57	10/18/11 10:32	N	U-238	Uranium-238	0.148	pCi/L	Uranium-238	U-238	0.148	pCi/L				TARL
B29TR5	399-1-59	10/26/11 12:00	N	U-238	Uranium-238	6.73	pCi/L	Uranium-238	U-238	6.73	pCi/L				TARL
B29TT9	399-2-32	10/18/11 13:17	N	U-238	Uranium-238	16.6	pCi/L	Uranium-238	U-238	16.6	pCi/L				TARL
B29TX6	399-3-33	10/18/11 9:45	N	U-238	Uranium-238	29.2	pCi/L	Uranium-238	U-238	29.2	pCi/L				TARL
B29V98	399-4-15	10/18/11 8:52	N	U-238	Uranium-238	20.3	pCi/L	Uranium-238	U-238	20.3	pCi/L				TARL
B29VB7	399-6-3	10/26/11 11:15	N	U-238	Uranium-238	6.27	pCi/L	Uranium-238	U-238	6.27	pCi/L				TARL
B29TN9	399-1-54	10/18/11 11:13	Y	7440-62-2	Vanadium	10.3	µg/L	Vanadium	7440-62-2	10.3	µg/L	B			TASL
B29TP0	399-1-54	10/18/11 11:13	N	7440-62-2	Vanadium	8.9	µg/L	Vanadium	7440-62-2	8.9	µg/L	B			TASL
B29TP3	399-1-55	10/18/11 12:29	N	7440-62-2	Vanadium	5.6	µg/L	Vanadium	7440-62-2	5.6	µg/L	B			TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7440-62-2	Vanadium	5.6	µg/L	Vanadium	7440-62-2	5.6	µg/L	B			TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7440-62-2	Vanadium	12	µg/L	Vanadium	7440-62-2	12	µg/L	B			TASL
B29TP6	399-1-56	10/18/11 11:50	N	7440-62-2	Vanadium	11.3	µg/L	Vanadium	7440-62-2	11.3	µg/L	B			TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7440-62-2	Vanadium	4.1	µg/L	Vanadium	7440-62-2	4.1	µg/L	U			TASL
B29TP9	399-1-57	10/18/11 10:32	N	7440-62-2	Vanadium	4.1	µg/L	Vanadium	7440-62-2	4.1	µg/L	U			TASL
B29TR4	399-1-59	10/26/11 12:00	Y	7440-62-2	Vanadium	9.6	µg/L	Vanadium	7440-62-2	9.6	µg/L	B			TASL
B29TR5	399-1-59	10/26/11 12:00	N	7440-62-2	Vanadium	10.8	µg/L	Vanadium	7440-62-2	10.8	µg/L	B			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7440-62-2	Vanadium	8.3	µg/L	Vanadium	7440-62-2	8.3	µg/L	B			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7440-62-2	Vanadium	8.5	µg/L	Vanadium	7440-62-2	8.5	µg/L	B			TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7440-62-2	Vanadium	9.2	µg/L	Vanadium	7440-62-2	9.2	µg/L	B			TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7440-62-2	Vanadium	9.3	µg/L	Vanadium	7440-62-2	9.3	µg/L	B			TASL
B29TT9	399-2-32	10/18/11 13:17	N	7440-62-2	Vanadium	7.8	µg/L	Vanadium	7440-62-2	7.8	µg/L	B			TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7440-62-2	Vanadium	8.7	µg/L	Vanadium	7440-62-2	8.7	µg/L	B			TASL
B29TX6	399-3-33	10/18/11 9:45	N	7440-62-2	Vanadium	4.1	µg/L	Vanadium	7440-62-2	4.1	µg/L	U			TASL
B29YB4	399-3-33	10/18/11 9:45	Y	7440-62-2	Vanadium	4.1	µg/L	Vanadium	7440-62-2	4.1	µg/L	U			TASL
B29V97	399-4-15	10/18/11 8:52	Y	7440-62-2	Vanadium	8.1	µg/L	Vanadium	7440-62-2	8.1	µg/L	B			TASL
B29V98	399-4-15	10/18/11 8:52	N	7440-62-2	Vanadium	7.9	µg/L	Vanadium	7440-62-2	7.9	µg/L	B			TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7440-62-2	Vanadium	8.6	µg/L	Vanadium	7440-62-2	8.6	µg/L	B			TASL
B29VB7	399-6-3	10/26/11 11:15	N	7440-62-2	Vanadium	9.7	µg/L	Vanadium	7440-62-2	9.7	µg/L	B			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7440-62-2	Vanadium	7.6	µg/L	Vanadium	7440-62-2	7.6	µg/L	B			TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7440-62-2	Vanadium	8	µg/L	Vanadium	7440-62-2	8	µg/L	B			TASL
B29TP0	399-1-54	10/18/11 11:13	N	75-01-4	Vinyl chloride	1	µg/L	Vinyl chloride	75-01-4	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	75-01-4	Vinyl chloride	1	µg/L	Vinyl chloride	75-01-4	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	75-01-4	Vinyl chloride	1	µg/L	Vinyl chloride	75-01-4	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	75-01-4	Vinyl chloride	1	µg/L	Vinyl chloride	75-01-4	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	75-01-4	Vinyl chloride	0.084	µg/L	Vinyl chloride	75-01-4	0.084	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	75-01-4	Vinyl chloride	1	µg/L	Vinyl chloride	75-01-4	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	75-01-4	Vinyl chloride	1	µg/L	Vinyl chloride	75-01-4	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	75-01-4	Vinyl chloride	1	µg/L	Vinyl chloride	75-01-4	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	75-01-4	Vinyl chloride	0.084	µg/L	Vinyl chloride	75-01-4	0.084	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	75-01-4	Vinyl chloride	0.084	µg/L	Vinyl chloride	75-01-4	0.084	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	1330-20-7	Xylenes (total)	1	µg/L	Xylenes (total)	1330-20-7	1	µg/L	U			WSCF
B29TP3	399-1-55	10/18/11 12:29	N	1330-20-7	Xylenes (total)	1	µg/L	Xylenes (total)	1330-20-7	1	µg/L	U			WSCF
B29TP6	399-1-56	10/18/11 11:50	N	1330-20-7	Xylenes (total)	1	µg/L	Xylenes (total)	1330-20-7	1	µg/L	U			WSCF
B29TP9	399-1-57	10/18/11 10:32	N	1330-20-7	Xylenes (total)	1	µg/L	Xylenes (total)	1330-20-7	1	µg/L	U			WSCF
B29TR5	399-1-59	10/26/11 12:00	N	1330-20-7	Xylenes (total)	0.2	µg/L	Xylenes (total)	1330-20-7	0.2	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	1330-20-7	Xylenes (total)	1	µg/L	Xylenes (total)	1330-20-7	1	µg/L	U			WSCF
B29TX6	399-3-33	10/18/11 9:45	N	1330-20-7	Xylenes (total)	1	µg/L	Xylenes (total)	1330-20-7	1	µg/L	U			WSCF
B29V98	399-4-15	10/18/11 8:52	N	1330-20-7	Xylenes (total)	1	µg/L	Xylenes (total)	1330-20-7	1	µg/L	U			WSCF
B29VB7	399-6-3	10/26/11 11:15	N	1330-20-7	Xylenes (total)	0.2	µg/L	Xylenes (total)	1330-20-7	0.2	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	1330-20-7	Xylenes (total)	0.2	µg/L	Xylenes (total)	1330-20-7	0.2	µg/L	U			TASL
B29TN9	399-1-54	10/18/11 11:13	Y	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B29TP0	399-1-54	10/18/11 11:13	N	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B29TP2	399-1-55	10/18/11 12:29	Y	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B29TP3	399-1-55	10/18/11 12:29	N	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B29TP5	399-1-56	10/18/11 11:50	Y	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B29TP6	399-1-56	10/18/11 11:50	N	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B29TP8	399-1-57	10/18/11 10:32	Y	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	METHOD_NAME	MEDIA	UserFlag	ReviewDate	ReviewComment	ALTERNATE _SAMP_NUM	ANAL_DATE _TIME	ANALYSIS_ BATCH_NUM	COLL_MTHD	COLL_SAMP_SIZE	COLL_SAMP_ SIZE_UNITS	COLLECTION _PURPOSE	COMPOSITE _FLAG	COUNTING _ERROR	DATE_ASSIGNED	DATE_LAST_MODIFIED	DILUT_FACTOR
B29TP9	UISO_PLATE_AEA	GW					11/9/11 19:08	7/28/70 0:00				R		0.06	12/6/10 9:32	11/29/11 12:01	1
B29TR5	UISO_PLATE_AEA	GW					11/9/11 19:09	7/28/70 0:00				R		0.22	12/6/10 9:32	11/29/11 12:01	1
B29TT9	UISO_PLATE_AEA	GW					11/9/11 19:08	7/28/70 0:00				R		0.33	12/6/10 9:32	11/29/11 12:01	1
B29TX6	UISO_PLATE_AEA	GW					11/9/11 19:08	7/28/70 0:00				R		0.37	12/6/10 9:33	11/29/11 12:01	1
B29V98	UISO_PLATE_AEA	GW					11/9/11 19:09	7/28/70 0:00				R		0.28	12/6/10 9:36	11/29/11 12:01	1
B29VB7	UISO_PLATE_AEA	GW					11/9/11 19:10	7/28/70 0:00				R		0.24	12/6/10 9:36	11/29/11 12:01	1
B29TP0	UISO_PLATE_AEA	GW					11/9/11 19:07	7/28/70 0:00				R		1.3	12/6/10 9:32	11/29/11 12:01	1
B29TP3	UISO_PLATE_AEA	GW					11/9/11 19:07	7/28/70 0:00				R		2.6	12/6/10 9:32	11/29/11 12:01	1
B29TP6	UISO_PLATE_AEA	GW					11/9/11 19:08	7/28/70 0:00				R		0.73	12/6/10 9:32	11/29/11 12:01	1
B29TP9	UISO_PLATE_AEA	GW					11/9/11 19:08	7/28/70 0:00				R		0.13	12/6/10 9:32	11/29/11 12:01	1
B29TR5	UISO_PLATE_AEA	GW					11/9/11 19:09	7/28/70 0:00				R		0.9	12/6/10 9:32	11/29/11 12:01	1
B29TT9	UISO_PLATE_AEA	GW					11/9/11 19:08	7/28/70 0:00				R		1.4	12/6/10 9:32	11/29/11 12:01	1
B29TX6	UISO_PLATE_AEA	GW					11/9/11 19:08	7/28/70 0:00				R		2	12/6/10 9:33	11/29/11 12:01	1
B29V98	UISO_PLATE_AEA	GW					11/9/11 19:09	7/28/70 0:00				R		1.6	12/6/10 9:36	11/29/11 12:01	1
B29VB7	UISO_PLATE_AEA	GW					11/9/11 19:10	7/28/70 0:00				R		0.92	12/6/10 9:36	11/29/11 12:01	1
B29TN9	6010_METALS_ICP	GW					11/9/11 14:57	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP0	6010_METALS_ICP	GW					11/9/11 13:19	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6010_METALS_ICP	GW					11/9/11 13:25	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP2	6010_METALS_ICP	GW					11/9/11 15:02	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP5	6010_METALS_ICP	GW					11/9/11 14:51	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6010_METALS_ICP	GW					11/9/11 13:14	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 15:29	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP9	6010_METALS_ICP	GW					11/9/11 13:41	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/9/11 17:01	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 20:35	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6010_METALS_ICP	GW					11/11/11 20:14	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP2	6010_METALS_ICP	GW					11/9/11 16:29	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP9	6010_METALS_ICP	GW					11/11/11 20:07	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/9/11 16:23	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT9	6010_METALS_ICP	GW					11/9/11 13:30	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT8	6010_METALS_ICP	GW					11/9/11 15:18	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6010_METALS_ICP	GW					11/9/11 12:42	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 14:46	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/9/11 15:24	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29V98	6010_METALS_ICP	GW					11/9/11 13:36	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB6	6010_METALS_ICP	GW					11/9/11 16:56	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6010_METALS_ICP	GW					11/11/11 20:28	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	6010_METALS_ICP	GW					11/11/11 20:21	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B2DR84	6010_METALS_ICP	GW					11/9/11 16:34	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TP0	8260_VOA_GCMS	GW					10/19/11 17:44	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP3	8260_VOA_GCMS	GW					10/19/11 19:06	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP6	8260_VOA_GCMS	GW					10/19/11 18:25	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TP9	8260_VOA_GCMS	GW					10/19/11 17:03	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TR5	8260_VOA_GCMS	GW					10/28/11 16:12	5/21/62 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	8260_VOA_GCMS	GW					10/19/11 19:47	10/12/23 0:00				R			12/6/10 9:32	11/7/11 9:19	1
B29TX6	8260_VOA_GCMS	GW					10/19/11 16:22	10/12/23 0:00				R			12/6/10 9:33	11/7/11 9:19	1
B29V98	8260_VOA_GCMS	GW					10/19/11 15:41	10/12/23 0:00				R			12/6/10 9:36	11/7/11 9:19	1
B29VB7	8260_VOA_GCMS	GW					10/28/11 15:46	5/21/62 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	8260_VOA_GCMS	GW					10/28/11 11:48	5/21/62 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B29TN9	6010_METALS_ICP	GW					11/9/11 14:57	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP0	6010_METALS_ICP	GW					11/9/11 13:19	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP2	6010_METALS_ICP	GW					11/9/11 15:02	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP3	6010_METALS_ICP	GW					11/9/11 13:25	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP5	6010_METALS_ICP	GW					11/9/11 14:51	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP6	6010_METALS_ICP	GW					11/9/11 13:14	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TP8	6010_METALS_ICP	GW					11/9/11 15:29	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	DISTILLATION_VOL	END_FLOW_RATE	EXPOSURE_HOURS	FIELD_QC_TYPE	FLOW_RATE_UNITS	LAB_COMMENT_CD	LAB_EXTRACTED_DATE	LAB_MATRIX_CODE	LAB_QC_TYPE	LAB_RECEIVED_DATE	LOAD_DATE_TIME	MATRIX	MIN_DETECTABLE_ACTIVITY
B29TP9								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.141
B29TR5								WATER		10/26/11 0:00	11/29/11 12:01	WATER	0.145
B29TT9								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.141
B29TX6								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.157
B29V98								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.147
B29VB7								WATER		10/26/11 0:00	11/29/11 12:01	WATER	0.136
B29TP0								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.24
B29TP3								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.253
B29TP6								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.194
B29TP9								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.141
B29TR5								WATER		10/26/11 0:00	11/29/11 12:01	WATER	0.145
B29TT9								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.185
B29TX6								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.157
B29V98								WATER		10/19/11 0:00	11/29/11 12:01	WATER	0.194
B29VB7								WATER		10/26/11 0:00	11/29/11 12:01	WATER	0.191
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP3								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TP9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29TX6								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29V98								WATER		10/18/11 0:00	11/7/11 9:19	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TN9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP0								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP2								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP3								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP5								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TP8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	MOISTURE_DEC	OWNER_ID	PCNT_MOISTURE	PCNT_SOLIDS	REPORTING_LIMIT	REPORTING_LIMIT_TYPE	REQUIRED_DETECTION_LIMIT	RESULT_COMMENT	RESULT_RECEIVED_DATE	RETENTION_TIME	RRN	SAF_NUM	SAMP_ALIQUOT_SIZE
B29TP9		PNLGW			1	RDL	1		11/29/11 9:52		104269623	S11-012	0.1998
B29TR5		PNLGW			1	RDL	1		11/29/11 9:52		104269590	S11-012	0.2004
B29TT9		PNLGW			1	RDL	1		11/29/11 9:52		104269613	S11-012	0.2014
B29TX6		PNLGW			1	RDL	1		11/29/11 9:52		104269607	S11-012	0.1986
B29V98		PNLGW			1	RDL	1		11/29/11 9:52		104269604	S11-012	0.2004
B29VB7		PNLGW			1	RDL	1		11/29/11 9:52		104269585	S11-012	0.2005
B29TP0		PNLGW			1	RDL	1		11/29/11 9:52		104269628	S11-012	0.2023
B29TP3		PNLGW			1	RDL	1		11/29/11 9:52		104269616	S11-012	0.199
B29TP6		PNLGW			1	RDL	1		11/29/11 9:52		104269620	S11-012	0.203
B29TP9		PNLGW			1	RDL	1		11/29/11 9:52		104269624	S11-012	0.1998
B29TR5		PNLGW			1	RDL	1		11/29/11 9:52		104269572	S11-012	0.2004
B29TT9		PNLGW			1	RDL	1		11/29/11 9:52		104269612	S11-012	0.2014
B29TX6		PNLGW			1	RDL	1		11/29/11 9:52		104269608	S11-012	0.1986
B29V98		PNLGW			1	RDL	1		11/29/11 9:52		104269603	S11-012	0.2004
B29VB7		PNLGW			1	RDL	1		11/29/11 9:52		104269584	S11-012	0.2005
B29TN9		PNLGW			4.1	MDL	50		11/23/11 10:52		104267080	S11-012	50
B29TP0		PNLGW			4.1	MDL	50		11/23/11 10:52		104267098	S11-012	50
B29TP3		PNLGW			4.1	MDL	50		11/23/11 10:52		104266982	S11-012	50
B29TP2		PNLGW			4.1	MDL	50		11/23/11 10:52		104267116	S11-012	50
B29TP5		PNLGW			4.1	MDL	50		11/23/11 10:52		104267170	S11-012	50
B29TP6		PNLGW			4.1	MDL	50		11/23/11 10:52		104267062	S11-012	50
B29TP8		PNLGW			4.1	MDL	50		11/23/11 10:52		104266888	S11-012	50
B29TP9		PNLGW			4.1	MDL	50		11/23/11 10:52		104266907	S11-012	50
B29TR4		PNLGW			4.1	MDL	50		11/23/11 10:52		104266620	S11-012	50
B29TR5		PNLGW			4.1	MDL	50		11/23/11 10:52		104266639	S11-012	50
B2FWN9		PNLGW			4.1	MDL	50		11/23/11 10:52		104266713	S11-009	50
B2FWP2		PNLGW			4.1	MDL	50		11/23/11 10:52		104266731	S11-009	50
B2FWP9		PNLGW			4.1	MDL	50		11/23/11 10:52		104266777	S11-009	50
B2FWR2		PNLGW			4.1	MDL	50		11/23/11 10:52		104266758	S11-009	50
B29TT9		PNLGW			4.1	MDL	50		11/23/11 10:52		104266977	S11-012	50
B29TT8		PNLGW			4.1	MDL	50		11/23/11 10:52		104266995	S11-012	50
B29TX6		PNLGW			4.1	MDL	50		11/23/11 10:52		104267134	S11-012	50
B29YB4		PNLGW			4.1	MDL	50		11/23/11 10:52		104267152	S11-012	50
B29V97		PNLGW			4.1	MDL	50		11/23/11 10:52		104267027	S11-012	50
B29V98		PNLGW			4.1	MDL	50		11/23/11 10:52		104266967	S11-012	50
B29VB6		PNLGW			4.1	MDL	50		11/23/11 10:52		104266651	S11-012	50
B29VB7		PNLGW			4.1	MDL	50		11/23/11 10:52		104266693	S11-012	50
B2DR82		PNLGW			4.1	MDL	50		11/23/11 10:52		104266673	S11-006	50
B2DR84		PNLGW			4.1	MDL	50		11/23/11 10:52		104266656	S11-006	50
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777170	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777185	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777267	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777093	S11-012	5
B29TR5		PNLGW			0.084	MDL	2		11/23/11 10:52		104267231	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777238	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777208	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777140	S11-012	5
B29VB7		PNLGW			0.084	MDL	2		11/23/11 10:52		104267205	S11-012	25
B2DR82		PNLGW			0.084	MDL	2		11/23/11 10:52		104267245	S11-006	25
B29TP0		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777165	S11-012	5
B29TP3		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777179	S11-012	5
B29TP6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777266	S11-012	5
B29TP9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777158	S11-012	5
B29TR5		PNLGW			0.2	MDL	3		11/23/11 10:52		104267232	S11-012	25
B29TT9		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777233	S11-012	5
B29TX6		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777201	S11-012	5
B29V98		PNLGW			1	MDL		Laboratory Method ID is LA-523-455	11/7/11 7:43		101777135	S11-012	5
B29VB7		PNLGW			0.2	MDL	3		11/23/11 10:52		104267206	S11-012	25
B2DR82		PNLGW			0.2	MDL	3		11/23/11 10:52		104267246	S11-006	25
B29TN9		PNLGW			7	MDL	20		11/23/11 10:52		104267081	S11-012	50
B29TP0		PNLGW			7	MDL	20		11/23/11 10:52		104267099	S11-012	50
B29TP2		PNLGW			7	MDL	20		11/23/11 10:52		104267117	S11-012	50
B29TP3		PNLGW			7	MDL	20		11/23/11 10:52		104266983	S11-012	50
B29TP5		PNLGW			7	MDL	20		11/23/11 10:52		104267171	S11-012	50
B29TP6		PNLGW			7	MDL	20		11/23/11 10:52		104267063	S11-012	50
B29TP8		PNLGW			7	MDL	20		11/23/11 10:52		104266889	S11-012	50

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	SAMP_ALIQUOT_UNITS	SAMP_COMMENT	SAMP_DATE_TIME_ON	SAMP_FROM	SAMP_INTERVAL_BOTTOM	SAMP_INTERVAL_TOP	SAMP_INTERVAL_UNITS	SAMP_ITEM	SAMP_MTHD	SDG_NUM
B29TP9	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TR5	L	DIVERTED								W06304
B29TT9	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TX6	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29V98	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29VB7	L	DIVERTED								W06304
B29TP0	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP3	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP6	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TP9	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TR5	L	DIVERTED								W06304
B29TT9	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29TX6	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29V98	L	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								W06304
B29VB7	L	DIVERTED								W06304
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR4	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TR5	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								WSCF113380
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B29TN9	mL	DIVERTED								SL1191
B29TP0	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP2	mL	DIVERTED								SL1191
B29TP3	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP5	mL	DIVERTED								SL1191
B29TP6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TP8	mL	DIVERTED								SL1191

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	START_FLOW_RATE	STD_COUNTING_ERROR	STD_MDA	STD_REPORTING_LIMIT	STD_REQUIRED_DETECTION_LIMIT	STD_SAMP_INTV_BOT	STD_SAMP_INTV_TOP	STD_SAMP_INTV_UNITS	STD_TOTAL_ANAL_ERROR	TAG_ID	TIC_FLAG	TOTAL_ANAL_ERROR
B29TP9		0.06	0.141	1	1				0.06			0.06
B29TR5		0.22	0.145	1	1				0.23			0.23
B29TT9		0.33	0.141	1	1				0.36			0.36
B29TX6		0.37	0.157	1	1				0.4			0.4
B29V98		0.28	0.147	1	1				0.29			0.29
B29VB7		0.24	0.136	1	1				0.25			0.25
B29TP0		1.3	0.24	1	1				2.2			2.2
B29TP3		2.6	0.253	1	1				8.5			8.5
B29TP6		0.73	0.194	1	1				0.98			0.98
B29TP9		0.13	0.141	1	1				0.13			0.13
B29TR5		0.9	0.145	1	1				1.4			1.4
B29TT9		1.4	0.185	1	1				2.9			2.9
B29TX6		2	0.157	1	1				4.9			4.9
B29V98		1.6	0.194	1	1				3.5			3.5
B29VB7		0.92	0.191	1	1				1.3			1.3
B29TN9				4.1	50							
B29TP0				4.1	50							
B29TP3				4.1	50							
B29TP2				4.1	50							
B29TP5				4.1	50							
B29TP6				4.1	50							
B29TP8				4.1	50							
B29TP9				4.1	50							
B29TR4				4.1	50							
B29TR5				4.1	50							
B2FWN9				4.1	50							
B2FWP2				4.1	50							
B2FWP9				4.1	50							
B2FWR2				4.1	50							
B29TT9				4.1	50							
B29TT8				4.1	50							
B29TX6				4.1	50							
B29YB4				4.1	50							
B29V97				4.1	50							
B29V98				4.1	50							
B29VB6				4.1	50							
B29VB7				4.1	50							
B2DR82				4.1	50							
B2DR84				4.1	50							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.084	2							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.084	2							
B2DR82				0.084	2							
B29TP0				1								
B29TP3				1								
B29TP6				1								
B29TP9				1								
B29TR5				0.2	3							
B29TT9				1								
B29TX6				1								
B29V98				1								
B29VB7				0.2	3							
B2DR82				0.2	3							
B29TN9				7	20							
B29TP0				7	20							
B29TP2				7	20							
B29TP3				7	20							
B29TP5				7	20							
B29TP6				7	20							
B29TP8				7	20							

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	WELL_NAME	SAMP_DATE_TIME	FILTERED _FLAG	STD_CON_ID	STD_CON_LONG_NAME	STD_VALUE_RPTD	STD_ANAL_ UNITS_RPTD	CON_LONG_NAME	CON_ID	VALUE_RPTD	ANAL_UNITS _RPTD	LAB_ QUALIFIER	REVIEW_ QUALIFIER	VALIDATION _QUALIFIER	LAB_CODE
B29TP9	399-1-57	10/18/11 10:32	N	7440-66-6	Zinc	9.7	µg/L	Zinc	7440-66-6	9.7	µg/L	B			TASL
B29TR4	399-1-59	10/26/11 12:00	Y	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B29TR5	399-1-59	10/26/11 12:00	N	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B2FWN9	399-1-62	10/19/11 10:39	N	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B2FWP2	399-1-62	10/19/11 10:39	Y	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B2FWP9	399-1-64	10/19/11 11:26	N	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B2FWR2	399-1-64	10/19/11 11:26	Y	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B29TT8	399-2-32	10/18/11 13:17	Y	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B29TT9	399-2-32	10/18/11 13:17	N	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B29TX6	399-3-33	10/18/11 9:45	N	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B29YB4	399-3-33	10/18/11 9:45	Y	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B29V97	399-4-15	10/18/11 8:52	Y	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B29V98	399-4-15	10/18/11 8:52	N	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B29VB6	399-6-3	10/26/11 11:15	Y	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B29VB7	399-6-3	10/26/11 11:15	N	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B2DR82	399-6-5	10/20/11 10:22	N	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL
B2DR84	399-6-5	10/20/11 10:22	Y	7440-66-6	Zinc	7	µg/L	Zinc	7440-66-6	7	µg/L	U			TASL

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	METHOD_NAME	MEDIA	UserFlag	ReviewDate	ReviewComment	ALTERNATE _SAMP_NUM	ANAL_DATE _TIME	ANALYSIS_ BATCH_NUM	COLL_MTHD	COLL_SAMP_SIZE	COLL_SAMP_ SIZE_UNITS	COLLECTION _PURPOSE	COMPOSITE _FLAG	COUNTING _ERROR	DATE_ASSIGNED	DATE_LAST_MODIFIED	DILUT_FACTOR
B29TP9	6010_METALS_ICP	GW					11/9/11 13:41	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR4	6010_METALS_ICP	GW					11/10/11 14:54	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TR5	6010_METALS_ICP	GW					11/11/11 20:35	8/15/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B2FWN9	6010_METALS_ICP	GW					11/11/11 20:14	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP2	6010_METALS_ICP	GW					11/10/11 14:21	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWP9	6010_METALS_ICP	GW					11/11/11 20:07	8/15/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B2FWR2	6010_METALS_ICP	GW					11/10/11 14:16	8/16/70 0:00				R			7/22/11 14:13	11/28/11 7:17	1
B29TT8	6010_METALS_ICP	GW					11/9/11 15:18	8/16/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TT9	6010_METALS_ICP	GW					11/9/11 13:30	8/12/70 0:00				R			12/6/10 9:32	11/28/11 7:17	1
B29TX6	6010_METALS_ICP	GW					11/9/11 12:42	8/12/70 0:00				R			12/6/10 9:33	11/28/11 7:17	1
B29YB4	6010_METALS_ICP	GW					11/9/11 14:46	8/16/70 0:00				R			12/9/10 8:50	11/28/11 7:17	1
B29V97	6010_METALS_ICP	GW					11/9/11 15:24	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29V98	6010_METALS_ICP	GW					11/9/11 13:36	8/12/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB6	6010_METALS_ICP	GW					11/10/11 14:48	8/16/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B29VB7	6010_METALS_ICP	GW					11/11/11 20:28	8/15/70 0:00				R			12/6/10 9:36	11/28/11 7:17	1
B2DR82	6010_METALS_ICP	GW					11/11/11 20:21	8/15/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1
B2DR84	6010_METALS_ICP	GW					11/10/11 14:27	8/16/70 0:00				R			5/4/11 12:36	11/28/11 7:17	1

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	DISTILLATION_VOL	END_FLOW_RATE	EXPOSURE_HOURS	FIELD_QC_TYPE	FLOW_RATE_UNITS	LAB_COMMENT_CD	LAB_EXTRACTED_DATE	LAB_MATRIX_CODE	LAB_QC_TYPE	LAB_RECEIVED_DATE	LOAD_DATE_TIME	MATRIX	MIN_DETECTABLE_ACTIVITY
B29TP9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TR4								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29TR5								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2FWN9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWP9								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B2FWR2								WATER		10/22/11 0:00	11/28/11 7:17	WATER	
B29TT8								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TT9								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29TX6								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29YB4								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V97								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29V98								WATER		10/20/11 0:00	11/28/11 7:17	WATER	
B29VB6								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B29VB7								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR82								WATER		10/27/11 0:00	11/28/11 7:17	WATER	
B2DR84								WATER		10/27/11 0:00	11/28/11 7:17	WATER	

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	MOISTURE_DEC	OWNER_ID	PCNT_MOISTURE	PCNT_SOLIDS	REPORTING_LIMIT	REPORTING_LIMIT_TYPE	REQUIRED_DETECTION_LIMIT	RESULT_COMMENT	RESULT_RECEIVED_DATE	RETENTION_TIME	RRN	SAF_NUM	SAMP_ALIQUOT_SIZE
B29TP9		PNLGW			7	MDL	20		11/23/11 10:52		104266908	S11-012	50
B29TR4		PNLGW			7	MDL	20		11/23/11 10:52		104266621	S11-012	50
B29TR5		PNLGW			7	MDL	20		11/23/11 10:52		104266640	S11-012	50
B2FWN9		PNLGW			7	MDL	20		11/23/11 10:52		104266714	S11-009	50
B2FWP2		PNLGW			7	MDL	20		11/23/11 10:52		104266732	S11-009	50
B2FWP9		PNLGW			7	MDL	20		11/23/11 10:52		104266778	S11-009	50
B2FWR2		PNLGW			7	MDL	20		11/23/11 10:52		104266759	S11-009	50
B29TT8		PNLGW			7	MDL	20		11/23/11 10:52		104266996	S11-012	50
B29TT9		PNLGW			7	MDL	20		11/23/11 10:52		104266978	S11-012	50
B29TX6		PNLGW			7	MDL	20		11/23/11 10:52		104267135	S11-012	50
B29YB4		PNLGW			7	MDL	20		11/23/11 10:52		104267153	S11-012	50
B29V97		PNLGW			7	MDL	20		11/23/11 10:52		104267028	S11-012	50
B29V98		PNLGW			7	MDL	20		11/23/11 10:52		104266968	S11-012	50
B29VB6		PNLGW			7	MDL	20		11/23/11 10:52		104266652	S11-012	50
B29VB7		PNLGW			7	MDL	20		11/23/11 10:52		104266694	S11-012	50
B2DR82		PNLGW			7	MDL	20		11/23/11 10:52		104266674	S11-006	50
B2DR84		PNLGW			7	MDL	20		11/23/11 10:52		104266657	S11-006	50

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	SAMP_ALIQUOT_UNITS	SAMP_COMMENT	SAMP_DATE_TIME_ON	SAMP_FROM	SAMP_INTERVAL_BOTTOM	SAMP_INTERVAL_TOP	SAMP_INTERVAL_UNITS	SAMP_ITEM	SAMP_MTHD	SDG_NUM
B29TP9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TR4	mL	DIVERTED								SL1191
B29TR5	mL	DIVERTED								SL1191
B2FWN9	mL	DIVERTED								SL1191
B2FWP2	mL	DIVERTED								SL1191
B2FWP9	mL	DIVERTED								SL1191
B2FWR2	mL	DIVERTED								SL1191
B29TT8	mL	DIVERTED								SL1191
B29TT9	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29TX6	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29YB4	mL	DIVERTED								SL1191
B29V97	mL	DIVERTED								SL1191
B29V98	mL	DIVERTED - GA/GB RECVD 10/25/11; H3 RECVD 1019/11. MJC 11/01/11								SL1191
B29VB6	mL	DIVERTED								SL1191
B29VB7	mL	DIVERTED								SL1191
B2DR82	mL	DIVERTED								SL1191
B2DR84	mL	DIVERTED								SL1191

Table D-42. Groundwater Samples Collected from RI Wells after Well Completion

SAMP_NUM	START_FLOW_RATE	STD_COUNTING_ERROR	STD_MDA	STD_REPORTING_LIMIT	STD_REQUIRED_DETECTION_LIMIT	STD_SAMP_INTV_BOT	STD_SAMP_INTV_TOP	STD_SAMP_INTV_UNITS	STD_TOTAL_ANAL_ERROR	TAG_ID	TIC_FLAG	TOTAL_ANAL_ERROR
B29TP9				7	20							
B29TR4				7	20							
B29TR5				7	20							
B2FWN9				7	20							
B2FWP2				7	20							
B2FWP9				7	20							
B2FWR2				7	20							
B29TT8				7	20							
B29TT9				7	20							
B29TX6				7	20							
B29YB4				7	20							
B29V97				7	20							
B29V98				7	20							
B29VB6				7	20							
B29VB7				7	20							
B2DR82				7	20							
B2DR84				7	20							

Appendix M

Riparian Area

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Terms

BCG	biota concentration guide
BHC	benzene hexachloride
COEC	contaminant of ecological concern
COI	contaminant of interest
COPEC	contaminant of potential ecological concern
CRDL	contract required detection limit
CSM	conceptual site model
CTE	Central Tendency Estimate
DOE	U.S. Department of Energy
Ecology	Washington State Department of Ecology
ESL	ecological screening level
EPA	U.S. Environmental Protection Agency
FS	feasibility study
HEIS	Hanford Environmental Information System
HQ	hazard quotient
HRM	Hanford river marker
K_{oc}	organic carbon partition coefficient
LOAEL	lowest observed adverse effect level
MDL	method detection limit
MIS	MULTI INCREMENT® sampling
ORNL	Oak Ridge National Laboratory
OU	operable unit
PCB	polychlorinated biphenyl
PNNL	Pacific Northwest National Laboratory
PRG	preliminary remediation goal
PVC	polyvinyl chloride
QC	quality control
R&D	research and development

RAG	remedial action goal
RCBRA	River Corridor Baseline Risk Assessment
ROD	record of decision
SESP	Surface Environmental Surveillance Program
SSL	soil screening level
TEDF	Treated Effluent Disposal Facility
TPH	total petroleum hydrocarbons
VOC	volatile organic compound
WDOH	Washington State Department of Health

M1 Introduction

This document presents a conceptual site model (CSM) of the riparian and nearshore environment along 300 Area at the Hanford Site, Washington. The 300 Area is located along the Columbia River and includes the 300-FF-1 and 300-FF-2 Source Operable Units (OUs), the 300-FF-5 Groundwater OU and the adjacent surface water, saturated sediment and aquatic biota. This CSM has been developed to evaluate concentrations of nonradiological substances and radionuclides detected in soil, water, and sediments further and to determine if potential transport pathways exist to these media from Hanford Site sources. The supporting evaluation of analytical data also determines if there is the potential for exposure to aquatic receptors.

M1.1 Background

Remediation of waste sites in the 300 Area has been ongoing since 1997 (*300 Area Decision Unit Remedial Investigation/Feasibility Study Work Plan* [hereinafter called 300 Area RI/FS Work Plan] [DOE/RL-2009-30]) based on interim action records of decision (RODs) (*Action Memorandum: 316-5 Process Trenches, U.S. Department of Energy (DOE) Hanford Site, Richland* [EPA, 1996]; *Interim Action Record of Decision for the 300-FF-2 Operable Unit, April 2001* [EPA, 2001c]). Remediation has been implemented using remedial action goals (RAGs) for protection of human health and protection of groundwater and the Columbia River (*Remedial Design Report/Remedial Action Work Plan for the 100 Area* [hereinafter called 100 Area RDR/RAWP] [DOE/RL-96-17]; *Design Report/Remedial Action Work Plan for the 300 Area* [DOE/RL-2001-47]). Remediation of contaminated groundwater also has been ongoing at the 300-FF-5 OU under an interim action ROD (*Action Memorandum: 316-5 Process Trenches, U.S. Department of Energy (DOE) Hanford Site, Richland* [EPA, 1996]). A key component needed to support development of final remedies is a baseline risk assessment. The River Corridor Baseline Risk Assessment (RCBRA) was initiated in 2004 to characterize current and potential threats to human health and the environment (*Risk Assessment Work Plan for the 100 Area and 300 Area Component of the RCBRA* [DOE/RL-2004-37]; *Risk Assessment Report for the 100 Area and 300 Area Component of the River Corridor Baseline Risk Assessment* [hereinafter called RCBRA Report] [DOE/RL-2007-21]). In addition to waste sites located in upland areas and groundwater, the RCBRA evaluated soil, sediment, and water located in riparian and nearshore areas. The RAGs used in the interim actions addressed risks to human health from direct contact with soil and threats to groundwater from leaching from soil, but did not directly address risks to ecological receptors. The ecological risk assessment conducted as part of the RCBRA addresses residual contaminant concentrations at remediated waste sites in the upland zones and the transport of contaminants from waste sites to the Columbia River riparian and nearshore zones (300 Area RI/FS Work Plan [DOE/RL-2009-30]).

The RCBRA evaluated ecological risks at representative riparian study sites across the River Corridor located adjacent to, or where they may be directly affected by, known contaminated media (groundwater seeps, soil, or sediment). The RCBRA concluded that six of the 22 contaminants of potential ecological concern (COPECs) (arsenic, chromium, lead, mercury, zinc, and total petroleum hydrocarbon- [TPH-] diesel) identified for the riparian environment may present some level of risk for one or more of the assessment endpoint entities, based on soil bioassays, comparison of COPEC concentrations to plant or terrestrial invertebrate toxicity benchmarks, or the results of wildlife exposure analyses. The RCBRA evaluated ecological risks at nearshore study sites potentially affected by contamination from Hanford Site sources in comparison to reference sites. Study sites were selected in areas where known contaminated groundwater plumes enter the Columbia River and in areas between the plumes. The RCBRA concluded that five of the 22 COPECs (cadmium, chromium, hexavalent chromium [Cr(VI)], manganese, and uranium) identified for the nearshore environment might present some level of risk for

one or more of the assessment endpoint entities. Relevant risk results are the comparisons of COPEC concentrations to toxicity benchmarks or the results of wildlife exposure analyses (RCBRA Report [DOE/RL-2007-21], Volume 1).

The five contaminants of ecological concern (COECs) identified by the RCBRA in riparian and nearshore media mostly were metals and TPH-diesel. With few exceptions (notably chromium and Cr(VI)), there are ambient sources for the constituents in soil, sediment and water that are unrelated to the Hanford Site. The CSM describes the interrelationships between sources, transport mechanisms, exposure pathways and receptors When the principal threat constituents in soil and groundwater at the 300 Area were compared with the contaminants identified by the RCBRA as posing ecological risks in riparian and nearshore media, additional work was warranted to better understand the CSM in the riparian and nearshore environment.

M1.2 Description of the 300 Area

The 300 Area, roughly rectangular and covering approximately 149.7 ha (369.9 ac), was where the manufacturing of fuel rods took place—the first of the three-step plutonium production process. The rods were then shipped to the 100 Area reactors for irradiation (*Literature Review of Environmental Documents in Support of the 100 and 300 Area River Corridor Baseline Risk Assessment* [hereinafter called RCBRA Literature Review] [PNNL-SA-41467]). In the early 1950s, laboratories were constructed to support research and development (R&D) activities. As the Hanford Site production reactors shut down, fuel fabrication in the 300 Area ceased. Research and development activities expanded over the years. Many of the uranium production facilities and R&D laboratories have been demolished and several others are scheduled for demolition. Currently the 300 Area contains a number of support facilities for R&D, environmental restoration, deactivation, decontamination, decommissioning, and demolition activities (300 Area RI/FS Work Plan [DOE/RL-2009-30]).

A portion of the 300 Area consists of disturbed areas adjacent to buildings and facilities. The upland environment to the north of the built-up areas is dominated by a bitterbrush/bunchgrass mosaic cover. The upland environment to the south of the built-up areas is primarily big sagebrush/bunchgrass mosaic with smaller areas of Sandberg's bluegrass-cheatgrass and gray rabbitbrush/Sandberg's bluegrass-cheatgrass. To the west of the 300 Area, the vegetation consists of snow buckwheat/bunchgrass and bunchgrass. Scattered within these two dominant cover types are small areas of gray rabbitbrush/cheatgrass, snow buckwheat-bitterbrush/bunchgrass, Indian ricegrass, Sandberg's bluegrass-cheatgrass and nonvegetated disturbed cover types. There is no upland vegetation east of the 300 Area boundary because it abuts, and oftentimes includes, the riparian zone (RCBRA Literature Review [PNNL-SA-41467]).

The eastern boundary of the 300 Area extends to the river shoreline and includes most of the riparian environment, which consists of a narrow band usually less than 40 m (131 ft) wide stretching north and south along the river. Much of the southern half of the riparian zone is characterized by steep banks dominated by riparian shrub (chokecherry, Wood's rose, and clematis) and exotic weed (knapweed) cover types. In the northern half, the bank is less steep and is characterized by the wormwood (Artemisia species) and perennial grass cover type. Close to the shoreline the riparian shrub, exotic weed, and wormwood cover types grade into a low shrub/forb/cobble association interspersed with patches of willow that continue to the river edge. In the southeastern corner of the 300 Area is a black locust tree grove occupying approximately 0.4 ha (1 ac). Associated with the tree grove, along the river edges, is a gently sloping area of bare cobble that is used as a primitive boat launch. A water outflow channel is located immediately east of the 331 Building, the banks of which consist of dense chokecherry, willow, and reed canary grass (RCBRA Literature Review [PNNL-SA-41467]).

M1.3 Review of Previous Riparian/Nearshore Studies

Investigations, which were historically conducted in the riparian and nearshore areas of the 300 Area, are summarized below and detailed in RCBRA Literature Review (PNNL-SA-41467). Most recently, investigations of riparian and nearshore areas were conducted as part of the RCBRA (RCBRA Report [DOE/RL-2007-21]; *100 Area and 300 Area Component of the RCBRA Sampling and Analysis Plan* [hereinafter called RCBRA SAP [DOE/RL-2005-42]).

M1.3.1 Historical Studies

McCormack and Carlile (1984) identified riverbank springs and groundwater seeps along the length of the Hanford Site shoreline and presented for the 300 Area analytical results for tritium detected in groundwater, riverbank springs, and adjacent surface water. Contaminant data specific to the 300 Area are provided, with elevated concentrations of uranium (maximum concentration 19.0 pCi/L) and nitrate (maximum concentration 12,600 μg/L) reported.

Dirkes (1990) also conducted a study to characterize the concentrations of radionuclides and chemicals in riverbank springs (i.e., groundwater seepage) entering the Columbia River along the Hanford Site. Riverbank spring water was collected at two locations (Hanford river marker [HRM] 42.1 and 42.3) with elevated concentrations of gross alpha (maximum concentration 8.0 pCi/L), gross beta (maximum concentration 11.6 pCi/L), and uranium isotopes (maximum concentration 9.5 pCi/L). Concentrations of other radionuclides in riverbank spring water (e.g., tritium and cesium-137) were generally low or below detection. Nitrate (maximum concentration 9,183 μg/L), chloroform (maximum concentration 24 μg/L), zinc (maximum concentration 23 μg/L), and copper (maximum concentration 34 μg/L) were reported above the analytical detection limits in 300 Area riverbank spring water.

M1.3.2 Survey of Radiological and Chemical Contaminants in Nearshore Environment at the 300 Area

During 2001, the U.S. Department of Energy (DOE) and the Washington State Department of Health (WDOH) led a study to characterize radiological and chemical conditions existing in the nearshore environment of the 300 Area (*Survey of Radiological and Chemical Contaminants in the Near-Shore Environment at the Hanford Site 300 Area* [PNNL-13692], Rev. 1). The study was conducted during August through October and coincided with the expected low river stage, which facilitated locating and sampling water from riverbank springs and other media along the shoreline. Shallow groundwater, riverbank spring water, near-river water, sediment, and biota were sampled in this study. Split sampling was performed to provide comparison between WDOH and Pacific Northwest National Laboratory (PNNL) laboratory results.

This study involved the collection of samples of shallow groundwater beneath the riverbed, riverbank spring water, river water, sediment, aquatic biota, riparian biota, and measured external radiation levels at the 300 Area and a control location near Vernita Bridge upriver from the Hanford Site production area and approximately 68 km (42 mi) upriver from the 300 Area.

Shallow groundwater samples were collected from temporary drive points. Tritium, technetium-99 (Tc-99), and uranium concentrations were elevated in shallow groundwater compared with 300 Area river water and background river water samples at Vernita Bridge. However, concentrations of tritium, Tc-99, and uranium in shallow groundwater were similar to concentrations detected in riverbank spring water samples from the same locations. Concentrations of total uranium (reported in pCi/L) were reportedly above ambient water quality criteria. Concentrations of tritium and Tc-99 reportedly were below ambient

water quality criteria. All gamma-emitting radionuclides were below detection limits in shallow groundwater. No chemical analyses were reported for shallow groundwater samples.

Radionuclides detected in riverbank spring water samples included gross alpha, gross beta, tritium, Tc-99, iodine-129 (I-129), uranium isotopes, and thorium isotopes. Ambient surface water quality criteria levels (WAC 173-201A and WAC 246-290) were exceeded for gross alpha and total uranium (uranium-234 [U-234] + U-235 + U-238) in riverbank spring water samples. Tritium concentrations were higher in 300 Area spring water samples compared to Vernita Bridge. Concentrations of Tc-99, thorium isotopes, and I-129 in 300 Area spring water were elevated relative to spring water samples at Vernita Bridge, but were reported to be below ambient water quality criteria. Cobalt-60 (Co-60), cesium-137 (Cs-137), and strontium-90 (Sr-90) were not detected in riverbank spring water samples from the 300 Area. Metals concentrations in riverbank spring water samples were higher than average concentrations in Vernita Bridge samples. However, concentrations of all metals were below ambient water quality criteria. Total chromium, selenium, and aluminum were the metals most substantially elevated above levels in spring water at Vernita Bridge.

Radionuclides consistently detected in nearshore river water included gross alpha, gross beta, tritium, Tc-99, and uranium. Total uranium and gross alpha exceeded the state ambient water quality criteria at one sampling location; however, these criteria were only exceeded at the location nearest to the shore (0.25 m depth), which was in the immediate vicinity of a riverbank spring. All other measured river water concentrations were less than ambient surface water quality criteria. Co-60, Sr-90, and Cs-137 were all below minimum detectable levels in the 300 Area nearshore river water samples. Metals that were detected in 300 Area nearshore river water samples at concentrations above the Vernita Bridge background included chromium, manganese, zinc, arsenic, selenium, barium, and thallium . However, all concentrations were reportedly below ambient water quality criteria.

Sediment samples for the major spring locations and the background location (Vernita Bridge) were analyzed for gross beta, gamma-emitting isotopes, Sr-90, Tc-99, isotopic uranium, and isotopic thorium. Concentrations in Sr-90, Cs-137, and isotopic uranium were elevated in 300 Area sediments when compared with Vernita Bridge sediments. The values for Sr-90 and Cs-137 all were well within the range reported for background sediment collected from the Priest Rapids Dam reservoir during 1995 to 2001. Concentrations of Tc-99 and thorium isotopes were similar between 300 Area nearshore sediments and sediment sampling locations near Vernita Bridge. Concentrations of uranium isotopes (U-234, U-235, and U-238) at 300 Area sediment sampling locations were elevated compared with Vernita Bridge. The highest total uranium concentration in sediment in the 300 Area nearshore was 4.4-fold higher than sediment near Vernita Bridge. The total uranium concentration in the farthest downstream location was only 1.6-fold higher than the Vernita Bridge value.

Sediment samples for the major spring locations and the background location (Vernita Bridge) were analyzed for antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium, and zinc. Most results were similar to or below concentrations reported for the Vernita Bridge sediments and were similar to those reported in previous studies of the 300 Area. Cadmium and zinc concentrations in 300 Area sediments were less than two-fold higher than the Vernita Bridge sediment. Concentrations of all other metals in 300 Area nearshore sediment were similar to or lower than the Vernita Bridge sediment. At the time of this study, there were no freshwater sediment quality criteria available from U.S. Environmental Protection Agency (EPA) or Washington State. Sediment quality guidelines developed by the Ontario Ministry of Environment and Energy, and interim sediment guidelines developed by Environment Canada were used for evaluation of maximum metals concentrations detected in 300 Area sediments. All metal concentrations in the 300 Area nearshore sediment were below both the Ontario severe effect level and the Environment Canada probable effect

level. Metals concentrations of arsenic, cadmium, chromium, copper, lead, nickel, and zinc were above or similar to the Ontario lowest effect level and the Environment Canada threshold effect level.

Low concentrations of Cs-137 and uranium isotopes were detected in both riparian plant and animal tissue samples. Tritium, Sr-90, and Tc-99 also were detected in a limited number of plant samples. Sr-90 was detected at low levels in some aquatic invertebrate and fish samples. Concentrations of arsenic, beryllium, chromium, selenium, zinc, and uranium were elevated in one or more biota samples at the 300 Area shoreline study sites, relative to the Vernita Bridge study site.

In this study, a pilot effort was conducted to examine individual-level health of crayfish and sculpin. Uranium, selenium, and chromium reportedly accumulated in clam soft tissue to levels in excess of those collected at the reference site. The authors concluded that what is not known is whether these levels of exposure and accumulation in tissue have an adverse impact on clams or other 300 Area aquatic biota. The authors concluded that gross and histopathological examination performed on organs from crayfish and sculpin did not suggest any abnormal frequency of lesions in target tissues that was indicative of chemical or radiological toxicity.

M1.3.3 Surface Environmental Surveillance Program

In addition to the historical investigations stated above, other sampling and analytical data have been collected from riparian and nearshore areas as part of the Surface Environmental Surveillance Program (SESP). The SESP is responsible for site-wide and offsite environmental surveillance at the Hanford Site. Surface environmental surveillance at the Hanford Site is a multimedia environmental monitoring effort conducted to assess onsite and offsite human health exposures to radionuclides and chemicals and to evaluate the impact of Hanford Site operations on the environment.

Under the SESP, Columbia River water, shoreline spring water, and sediment sampling are conducted along the 300 Area. River water and sediment sampling also is conducted at Richland, downstream from the 300 Area.

Radionuclide concentrations monitored in Columbia River water were low throughout 2009. Tritium, U-234, U-238, and naturally occurring potassium-40 (K-40) were measured consistently in river water at levels greater than their reported minimum detectable concentrations. Sr-90, U-235, plutonium-238 (Pu-238), and Pu-239/240 were occasionally detected, but all values were near the minimum detectable concentrations. Concentrations of all other radionuclides were typically less than the minimum detectable concentrations. Tritium, Sr-90, and plutonium exist in worldwide fallout from historical nuclear weapons testing as well as in effluent from Hanford Site facilities. Tritium and uranium occur naturally in the environment in addition to being present in Hanford Site effluent.

The 2009 average radionuclide concentrations (including gross alpha and gross beta concentrations, tritium, Sr-90, and isotopic radium measured upstream and downstream of the Hanford Site were similar to those observed during recent years. The average gross alpha and gross beta concentrations in Columbia River water at the city of Richland during 2009 were less than the Washington State ambient surface water quality criteria.

Concentrations of radionuclides in shoreline spring water throughout the River Corridor have been highly variable over the years, but have remained below drinking water and ambient water quality standards. Trichloroethene has been consistently detected at trace concentrations in 300 Area shoreline spring water, which is a result of contaminated groundwater in the shallowest part of the unconfined aquifer near the river. Relatively high concentrations recently discovered at depth in the unconfined aquifer, which greatly exceeded regulatory standards (PNNL-16435), were not observed in the riverbank springs. For most

locations, the 2009 chemical sample results (principally metals) were similar to those reported in previous years (PNNL-19455).

M1.3.4 Groundwater and Aquifer Tube Monitoring Programs

DOE monitors groundwater at the Hanford Site to fulfill a variety of state and federal regulations, including the *Atomic Energy Act of 1954*, the *Resource Conservation and Recovery Act of 1976*, the *Comprehensive Environmental Response, Compensation, and Liability Act of 1980*, and WAC 173-340, "Model Toxics Control Act—Cleanup." The groundwater monitoring data relevant to the 300 Area riparian/nearshore environment are discussed further in Chapter M3 of this appendix.

DOE monitors groundwater quality along the Columbia River by collecting samples from aquifer tubes and riverbank seeps (springs). The rise and fall of the Columbia River create a zone of interaction that influences contaminant concentrations and groundwater flow patterns. Water samples from aquifer tubes and riverbank seeps nearly always represent a mixture of river water and approaching groundwater. In general, the degree of dilution by river water decreases with depth in the aquifer near the river shoreline. The degree of dilution also varies by location and with seasonal river cycles (*Zone of Interaction Between Hanford Site Groundwater and Adjacent Columbia River: Progress Report for the Groundwater/River Interface Task Science and Technology Groundwater/Vadose Zone Integration Project* [PNNL-13674]). The aquifer tube and seep data relevant to the 300 Area riparian/nearshore environment are discussed further in Chapter M3 of this appendix.

M1.4 Approach to CSM Development

As described previously, the objective for developing this CSM is to provide a tool for evaluating the potential for contaminants in riparian and nearshore media to be associated with releases from Hanford Site-related sources. The foundation for developing the CSM begins with the definition of environmental zones presented in the RCBRA (RCBRA Report [DOE/RL-2007-21]). They are:

- **Nearshore aquatic zone:** the nearshore aquatic zone includes the surface water of the Columbia River from the area that is permanently inundated by river water (i.e., the low-water mark, commonly referred to as the "green line," where the periphyton remain green year-round) up to the riparian zone.
- **Riparian zone:** the riparian zone is a transition area between the aquatic environment in the nearshore zone and the upland zone. The riparian zone extends from the shoreline of the Columbia River to the point on the riverbank where upland vegetation becomes dominant. The riparian zone typically is narrow and varies in width depending on the slope of the riverbank.
- **Upland zone:** the upland zone consists of land that extends inland from the riparian zone. It is situated approximately 3 m (10 ft) above the river high-water mark. The upland zone generally is dry and not readily influenced by river flow. Recharge to groundwater in this zone occurs largely from precipitation. The upland zone includes operational areas in the 300 Decision Area and generally is where waste sites are located.

These environmental zones are depicted in Figures M-1 and M-2.

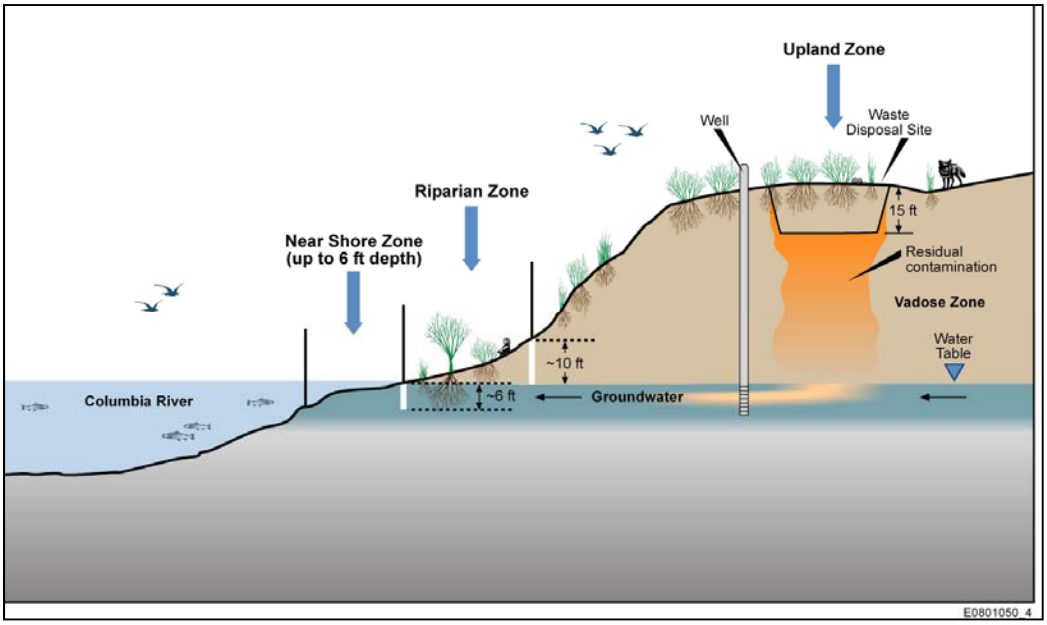

Figure M-1. Environmental Zones in the Riparian/Nearshore Area

Figure M-2. Photograph Depicting the Environmental Zones

Potential exposure pathways from source OUs and the underlying groundwater OU located in the upland zone have been traced to media in the riparian and nearshore zones. An exposure pathway can be described as the physical course that a contaminant takes from the point of release to a receptor. The route of exposure is the means by which a contaminant encounters a receptor. For an exposure pathway to be complete, all of the following components must be present:

- A source
- A mechanism of contaminant release and transport
- An environmental transport medium
- An exposure point
- An exposure route
- A receptor or exposed population

In the absence of any one of these components, an exposure pathway is considered incomplete; therefore, it creates no risk or hazard.

An additional consideration for contaminants detected in riparian and nearshore zones is a contaminant source, or sources, unrelated to Hanford Site operations that have been transported and deposited via the river. These other sources also are discussed as part of this CSM. Identification of potential exposure pathways in the riparian and nearshore zones is described in Chapter M2.

Once the potential exposure pathways are identified and described, sampling and analytical data from various media are evaluated. The objectives for this evaluation include depicting the relative concentrations in the various riparian and nearshore media and to evaluate data quality. Media in the riparian and nearshore areas that have been sampled include groundwater, porewater, seeps/springs, surface water, sediments, biota, and soil. The results from this data evaluation are combined with the exposure pathway information (described previously) to determine if contaminant concentrations located at exposure points are potentially associated with Hanford Site activities. The data evaluation is described in Chapter M3.

An evaluation of potential ecological risks in riparian and nearshore zones was conducted as part of the RCBRA (RCBRA Report [DOE/RL-2007-21]). The results from this evaluation are summarized in Chapter M4. These results, which identified COECs, are compared with the results from the data evaluation in Chapter M3 to determine if those COECs might be associated with Hanford Site activities.

M2 Evaluation of Riparian and Nearshore Exposure Pathways

This chapter describes the sources, release and transport mechanisms, environmental media through which contaminant transport occurs and exposure points in the riparian and nearshore zones. This chapter provides the framework for the data evaluation that is presented in Chapter M3.

M2.1 Sources

554 waste sites are found in the 300, 400, and 600 Areas, located principally in the upland zone. As described in the RCBRA Literature Review (PNNL-SA-41467), the riparian environment is a strip along the Columbia River usually less than 40 m (130 ft) in width stretching north and south along the river. A limited number of the 300 and 600 Areas waste sites are of interest with regard to the riparian/nearshore CSM. In addition to these waste sites, groundwater in the 300-FF-5 OU is potentially a source for contaminant release to riparian and nearshore media.

M2.1.1 Waste Sites and Soils

The waste sites located close to the riparian zone in the 300 Area are presented in Figure M-3. Brief descriptions of these sites are presented in the following paragraphs. The nature and extent of contamination has been characterized, or is currently being characterized for these waste sites. While it is not known that there are potential releases or exposure pathways from these sites, their proximity to the riparian area makes them candidates for consideration as potential sources in this evaluation.

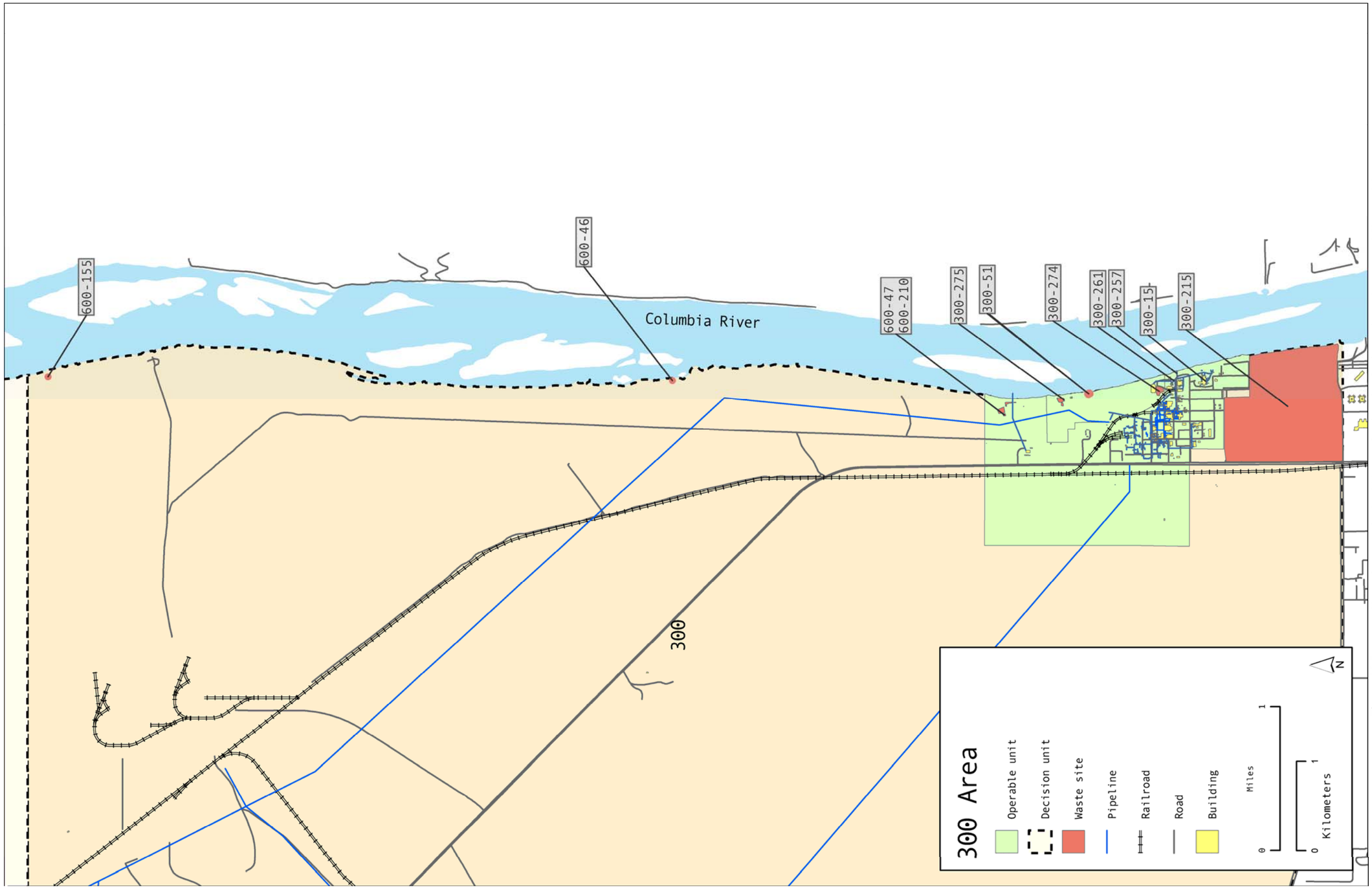

Figure M-3. Waste Sites of Interest in the 300 Area for the Riparian/Nearshore Conceptual Site Model

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300-15. The 300 Area process sewer system is an extensive system with an estimated 9.7 km (6 mi) of outside lines and an estimated 40 km (25 mi) of interior building waste pipe. The system was used for the disposal of potable water, cooling water, precipitation runoff, waste brine solution (sodium chloride with magnesium salts), chromium, copper, uranium nitrate, sulfate, and fluoride ions with the contaminants lead, silver, acetone, and cyanide. The original system was primarily 20 cm (8 in.) diameter vitrified clay pipes with acid proof joints running eastward to the North and South Process Ponds until 1975, then to the 300 Area Trenches from 1975 to 1994. Starting in 1994, the discharges were sent through a new pipeline to the 300 Area Treated Effluent Disposal Facility (TEDF) for treatment and release into the Columbia River. Initially, the system received low-level liquid wastes from the 313 and 314 Buildings and later from the 3706 and 321 Laboratories. The system was also connected to the 331 Life Science Building at the southern end of the 300 Area as well as the former discharge line to the river embankment near the 331 Building. As the system was updated and expanded, pipe materials included the original vitrified clay as well as cast iron, steel, concrete, polyvinyl chloride (PVC), and stainless steel. This site is classified as accepted with a status being inactive.

300-51. The 300-51 dumping area or landfill contained radiologically contaminated surface debris. The current site footprint is 70 m^2 (750 ft^2) located less than 7 m (23 ft) from the Columbia River. The site is classified as no action with a status being inactive.**300-215.** The 300-215 dumping area is a very large area vegetated with cheatgrass and sagebrush. The site includes many different features and contains some construction debris. The current site footprint is 152 ha (375 ac) located south of the 300 Area. The site in its current configuration runs along the Columbia River shoreline for approximately 1,000 m (3,300 ft). This site is classified as rejected.

300-257. The 300-257 process sewer carried potentially radioactively contaminated water to the river. The site was originally connected to the 309 Building's Rupture Loop Holding Tank. The tank was removed in the late 1970s and line was isolated from the rest of the Radioactive Liquid Waste System. The pipeline is 0.91 m (36 in.) diameter corrugated steel pipe and runs 442 m (1,450 ft) from the site where the 309 holding tanks used to sit on the river. The site is also associated with the 3906 Vault. This site is classified as accepted with a status being inactive.

300-261. The 300-261 process sewer is constructed of vitrified clay pipe, which runs from the 315 Water Filter Plant to the riverbank. The process sewer pipeline received overflows and filter backwash from the 315 Filter Plant. Treatment chemicals included alum (aluminum sulfate), chlorine, and separan (a polyacrylamide flocculent). The site no longer receives material from the 315 Filter Plant; however, it can receive storm water. This site is classified as rejected with a status being active.

300-274. The 300-274 dumping area contains transite pipe, treated wood, insulation, and other various forms of transite were identified. The debris was determined to be potential asbestos containing material. This site consist of two separate locations, the area of interest for this evaluation is location just south of the 315 Filter Backwash Pond and is approximately 100 m (330 ft) from the river. This site is classified as accepted with a status being inactive.

300-275. The 300-275 Sanitary Landfill has been described as having areas of surface and subsurface debris. The surface areas contain sparsely scattered surface debris, including small fragments of potential asbestos containing shingles and concrete. The underground debris is of unknown type. The site in its entirety is approximately 4,000 m^2 (43,000 ft^2) and located less than 25 m (82 ft) from the river. This site is classified as interim closed out with a status being inactive.

300-292. The 300-292 waste site consists of ten abandoned nonhazardous waste pipeline segments associated with the process sewers from the 315 Water Filter Plant (filter backwash). The process waste solutions for this site included nonhazardous solids suspended in water filter backwash waste solutions

from the 315 Water Filter Plant that were routed north to the 315-C Sedimentation Pond (300 FBP:2) where the sediments settled. This site is classified as accepted with a status being inactive.

600-46. The 600-46 dumping area contained used diesel oil filters, an empty can of starting fluid, pieces of lumber, and an empty 208 L (55 gal) drum. It was the consensus of DOE, EPA, and the Washington State Department of Ecology (Ecology) that the only potential contaminants involved with past use of the site were TPH, polychlorinated biphenyls (PCBs) and, possibly, lead, cadmium, and chromium. The site is approximately 12 m^2 (130 ft^2) and located less than 28 m (92 ft) from the river. This site is classified as closed out with a status being inactive.

600-47. The 600-47 dumping area consisted of several areas of surface debris and contamination near the banks of the Columbia River. Debris found at the site includes concrete, brick, cinder block, glass, stainless steel, steel millings/filings, plastic, tar roofing paper, wire, pipe, bottles, sheet metal, screen, clay pipe, irrigation pipe, etc. Concreted soils were found during test diggings, burned wood was found on top of the rise. The site is approximately 6,400 m^2 (69,000 ft^2) in total and ranges from less than 30 m (100 ft) to approximately 150 m (490 ft) away from the river. This site is classified as interim closed out with a status being inactive.

600-155. The 600-155 dumping area consisted of an old rusty machine part. A field visit on July 19, 1999, verified that the large piece of equipment had been removed. A small piece of metal approximately 0.46 m [18 in.] long remained half buried in the soil. This site is classified as not accepted with a status of inactive.

600-210. This 600-210 is the pipeline and outfall for the 300 Area TEDF. The influent to the 300 TEDF is generated by facilities discharging to the 300 Area Process Sewer. The outfall line is a PVC pipeline that is routed to the shore of the Columbia River. The pipeline runs for 673 m (2,208 ft) from the 300 Area TEDF to the river. This site is classified as not accepted with a status of inactive.

M2.1.2 Groundwater

The geographic subregion of the 300-FF-5 OU with the most significant groundwater impact is the 300 Area, where nuclear fuels production and research activities were conducted during the Hanford Site operational period. Large volumes of liquid effluent were disposed to facilities for infiltration to underlying soil, resulting in contamination of the vadose zone and groundwater. The principal contaminant of concern in groundwater is uranium. Other contaminants of concern include tritium, nitrate, and some chlorinated volatile organic compounds (VOCs). Uranium is a contaminant in groundwater beneath the 300 Area and, to a much lesser degree, beneath the 618-10 Burial Ground/316-4 Cribs area (*Hanford Site Groundwater Monitoring and Performance Report for 2009: Volumes 1 & 2* [DOE/RL-2010-11]).

M2.2 Contaminant Release and Transport Mechanisms

Release and transport mechanisms potentially most likely associated with the occurrence of Hanford Site contaminants in riparian and nearshore zones are overland transport from waste sites, and contaminant leaching from the vadose zone to underlying groundwater, followed by lateral transport in groundwater.

M2.2.1 Overland Transport from Waste Sites

Hazardous and radioactive substances that are in surface materials can be transported away from facilities or known waste sites by surface runoff following precipitation events. Overland flow is water flow over the ground surface that occurs from precipitation (rainfall or snowmelt) that is greater than obstruction demands (interception, evapotranspiration, or infiltration). In addition, overland flow can occur from the

spillage of process effluent that historically had been discharged into liquid waste disposal units. Overland flow potentially results in the transport of contaminated sediments or water away from a waste site into other areas such as the riparian or nearshore locations. Factors that affect overland flow include slope of the ground surface, soil texture, and vegetative cover, and frequency of precipitation.

As discussed in Section M2.1.1, there are some examples of sites located near the riparian and nearshore area. However, as described previously, conditions at the Hanford Site are unlikely to support overland flow simply associated with precipitation. Contamination of riparian and nearshore media would likely be more associated with releases from process lines, process sewers, or pipelines that historically discharged to the river. Examples of historical process lines or sewers include the 300-15, 300-257, and 300-261 process sewers and 300-292 nonhazardous pipeline segments.

M2.2.2 Contaminant Leaching from Waste Site Soils to Groundwater

The mobility of uranium in soil in waste site soils, the underlying vadose zone, and the aquifer is highly variable. Influences on the mobility in soil include soil texture and mineralogy, chemical composition of the original waste effluent, and the subsurface geochemical environment, especially bicarbonate content, pH, and surface properties of minerals (*Hanford Site Groundwater Monitoring and Performance Report for 2009: Volumes 1 & 2* [DOE/RL-2010-11]). Uranium is considered to have moderate-to-high mobility in both the vadose zone and saturated zone, however it shows significant retardation in soil relative to Tc-99 (note: Tc-99 travels at the same velocity as water through the vadose zone). Because of its low sorption to soil, uranium can represent a threat to groundwater quality when its sorbed concentration near the water table is two to three times background (10 to 12 mg/kg) (*A Site-Wide Perspective on Uranium Geochemistry at the Hanford Site* [PNNL-17031]).

M2.2.3 Transport in Groundwater

The groundwater system along the River Corridor generally is highly dynamic being influenced by regional groundwater conditions, the local site remediation efforts, and the daily and seasonal variations of river stage. The main features of the current conceptual model follow:

- Flow under the site and near the banks is generally assumed perpendicular to the river.
- Deeper geologic formations are assumed not to contribute to shallow groundwater or observed river exchanges along the riverbank.
- The daily variability of river stage creates a complex zone of mixing within the near-bank groundwater system.
- Springs observed on the riverbanks are attributed to bank storage of river water and site groundwater discharging to the river when river stage drops.
- Site groundwater generally discharges to the banks via springs and through the bottom of the Columbia River immediately adjacent to the site.

The site conceptual model clearly needs to include the transient nature of water exchange in this setting at multiple time scales (Figure M-4). For example, a daily 3 m (9.8 ft) change in river levels superimposed with seasonal changes or alterations of site groundwater flows by remediation efforts likely causes seasonal shifts in the regional groundwater flow system that will consequently impact groundwater-surface water exchange locations and rates. The complex geologic setting, aquifer heterogeneity, and transient nature of the surface water and groundwater results in a complex groundwater flow system. During major spring discharge events, river water may enter the banks and the adjacent groundwater system upstream of the site and move laterally parallel to the river for some

distance before discharging back into the river (*Technical Evaluation of the Interaction of Groundwater with the Columbia River at the U.S. Department of Energy Hanford Site, 100-D Area* [SGW-39305]).

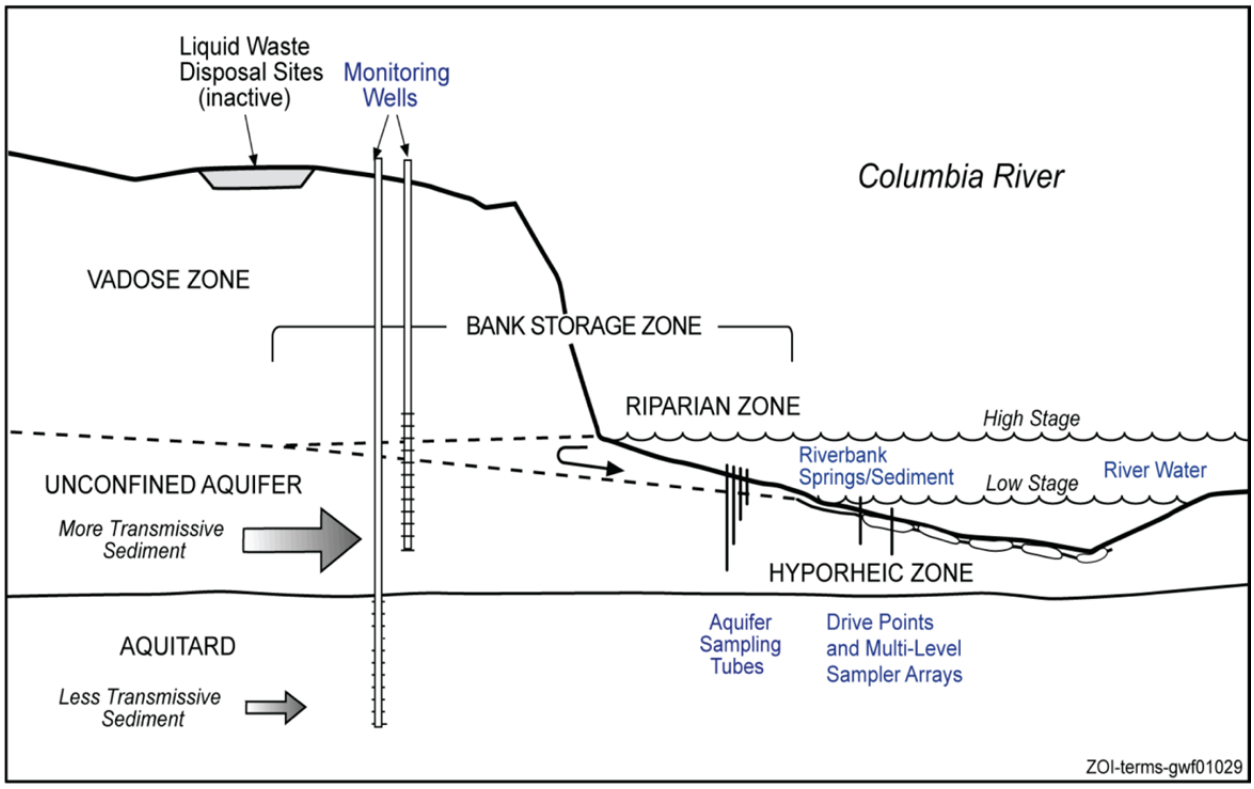

Figure M-4. Conceptual Model of Groundwater-Surface Water Interaction at the Hanford Site

Groundwater in the unconfined aquifer beneath the 300-FF-5 interest area flows generally to the east and southeast. Flow converges into the 300 Area from regions to the northwest, west, and southwest, and ultimately discharges to the Columbia River through the riverbed and to a lesser degree, along the shoreline as riverbank springs. In the northern and central portions of the 300 Area, flow direction is predominantly toward the southeast, while in the southern portion, flow is more toward the east, as inferred from water table elevations recorded during most of any particular year. This flow pattern reflects medium-to-low river stage conditions. As river discharge rises during late May or June, the direction of groundwater flow temporarily shifts to more southward in the northern portion of the 300 Area. The stage of the Columbia River has a profound effect on groundwater flow patterns and rates in the 300 Area. Seasonal changes in river stage are reflected in water levels measured at wells located as far as inland as 360 m (1,181 ft) from the Columbia River.

Because of highly transmissive aquifer materials, groundwater flow velocities can be quite high, with a recent tracer test revealing a rate of up to 15 m (49 ft)/day (*Treatability Test Plan for 300 Area Uranium Stabilization through Polyphosphate Injection* [PNNL-16571]). However, in spite of high flow velocities, the net rate of discharge to the Columbia River appears to be relatively low. This is a consequence of rapidly changing hydraulic gradients and their orientation, which results from the daily, weekly, and seasonal cycles in river stage. During the Columbia River's spring runoff period when high river stage conditions are present, river water infiltrates the banks and mixes with groundwater, thus diluting the concentrations of contaminants carried by groundwater. The rate at which groundwater discharges to the river is lowest during this period of high river stage because of bank storage effects (e.g., reduced gradients and actual reversal of flow direction near the shoreline). Farther inland, higher water table

elevations may result in groundwater encountering contaminants held in the lower vadose zone, thus remobilizing those contaminants. Consequently, higher concentrations may be observed during the early summer months, particularly in areas beneath former liquid waste disposal sites.

M2.3 Exposure Points in Seeps, Surface Water, Sediments, and Riparian Soils

The RCBRA (RCBRA Report [DOE/RL-2007-21]) showed a cross section of the river that defined the study zones to be the upland zone, the riparian zone, nearshore aquatic zone, and aquatic zone as a vertical panel that extends down from the surface into the subsurface to some undetermined depth when, in reality, they are three-dimensional zones that change size over time. In particular, it is the vertical distribution of the receptors beneath the river and in the deposits adjacent to the river that potentially (i.e., the depth to which they are found, or bottom of the system) have the greatest implications for remedial actions. This is because the mechanisms of dilution and mixing of groundwater may not be as effective at greater depths and so there is greater potential for exposure to contaminants from groundwater.

In the studies of the Columbia River at the Hanford Site, the term hyporheic zone has been used as a general term to describe the zone of all groundwater and surface water mixing. Receptors in the riverbed and benthic and hyporheic zones can be exposed to contaminated (1) groundwater, (2) groundwater surface-water mixtures, or (3) surface water. These distinctions become important when identifying from analytical results in groundwater and surface water COPECs that are related to Hanford Site operations.

Investigation of riparian area soils was conducted as part of the RCBRA. The riparian assessment evaluated ecological risks at 18 study sites potentially affected by contamination from Hanford Site sources. Eleven study sites were selected from locations that may be adjacent to or directly affected by known contaminated media (groundwater seeps and springs, soil, sediment). These sites were located along the Columbia River shoreline near the operating areas (100-BC, 100-K, 300 Area, etc.) and included six sites with relatively elevated contaminant concentrations and five sites with relatively low contaminant concentrations. Historic data and radiation surveys were used to determine the general contaminant levels at each site. Two of these riparian study sites were located near the 300 Area. These sites are described as follows:

- **Riparian 5c.** This site was located in a backwater region of the river, about 10 km (6 mi) upstream of the 300 Area. The site was located along a very steep embankment heavily covered with organic debris, such as decaying tumbleweed (*Salsola kali*) stems from prior year's growth. The width of the site was typically about 10 m (33 ft) and encompassed about 1,700 m^2 (18,298 ft^2) of shoreline habitat. Although medium-sized cobbles were common, the depositional characteristics at this site had resulted in heavy embedding. River currents may lightly scour this site when flows exceed around 200 kcfs.

- **Riparian 6.** This site was located near the lower end of the Hanford Reach (nearly 48 km [30 mi]) downstream of the other riparian study sites), near the 300 Area, and influenced by McNary pool water elevation changes as well as the highly attenuated discharge fluctuations originating from Priest Rapids dam. Although this site is in more of a depositional zone within the Columbia River system in general, it had a mixture of slow-water shorelines and fast-water shorelines with substrate mixtures of sand/silt to gravel, to cobble, and boulders. The site is one of the more tree-covered riparian sites. The site had a small ravine running near the southern portion of the site. The ravine was supposedly associated with a liquid waste spill that took place there decades ago. The river's configuration near this site tends to deposit large amounts of organic debris (and litter) when high spring flood-type levels (200+ kcfs) persist. This site's dimensions were approximately 6 m × 200 m (20 ft × 656 ft),

with some variations in the widths such that it encompassed a total around 1,000 m^2 (10,764 ft^2) of riparian habitat.

Soil samples were collected from study sites and from reference sites using MULTI INCREMENT® sampling (MIS) methodology. This method was designed to obtain representative estimates of the average contaminant concentrations in the study site and control the sampling fundamental error and the grouping and segregation errors associated with measuring soil concentrations. Soil MIS represents surface soils of the 0 to 15 cm (0 to 6 in.) depth interval using a systematic random design across a 200 m (656 ft) long investigation area. The contaminants detected in these soil samples include inorganics (metals), organic compounds including PCB Aroclors, polycyclic aromatic hydrocarbons, phthalates and chlorinated pesticides, and radionuclides. Biota sampling conducted in these sites is described in detail in the RCBRA (RCBRA Report [DOE/RL-2007-21]). Assessment of ecological risks based on the soil and biota sampling is described further in Chapter M4 of this appendix.

Nearshore study sites sampled as part of the RCBRA in 2005 were located within three key contaminant plumes originating from Hanford Site operations (Cr(VI) at 100-K and 100-D, Sr-90 at 100-N, and uranium at the 300 Area, RCBRA SAP [DOE/RL 2005-42]). Ten additional study sites sampled in 2006 were located in selected regions where the Hanford Site's legacy materials were known or suspected to have been deposited. Study sites located in proximity to 300 Area are summarized below:

- **Nearshore Sites U1 and U2.** The uranium nearshore sites 1 and 2 were located near the upriver boundary of the 300 Area. The riverine conditions near there consisted of an asymmetric thalweg and an adjacent island. These two sites were located in backwater areas where the substrate was predominantly sediment with some highly embedded gravels and cobbles. The sites were immediately proximal to large macrophyte populations. The impounded waters from McNary Dam slightly influenced the river near there. Groundwater upwellings were common throughout this area. Steelhead spawning habitat was not present at either of these sites.

- **Nearshore Sites U3 and U4.** The uranium nearshore sites 3 and 4 were located about 500 m (1,640 ft) and 400 m (1,312 ft), respectively, upstream of the 300 Area water intake structure. The river's thalweg crosses from Franklin County shoreline to the Benton County shoreline, causing extensive hydrological scouring of the riverbeds near this region. All three sites were located in relatively fast flowing region of the river containing a mixture of gravels and cobbles with low embedding. Groundwater upwellings were common throughout this area. Sites were found to contain suitable steelhead spawning habitat.

- **Nearshore Sites U5 through U10.** The uranium nearshore sites 5, 6, 8, 9, and 10 were located along a 1 km (0.6 mi) stretch of shoreline beginning at the 300 Area water intake structure. All sites were located in slack and depositional waters. Substrate size ranged from predominantly slightly embedded cobbles at sites U5 through U8, and progressed down to heavily embedded gravels within sites U9 and U10. The region represented a major interface between the impounded waters of McNary Dam and the free flowing waters of the Hanford Reach. Groundwater upwellings were common throughout this area. The sites did not contain any suitable steelhead spawning habitat.

Sediment, porewater, and surface water samples were collected from these sites. Further discussion of these data is incorporated into the data evaluation presented below in Chapter M3 of this appendix. Biota sampling performed at these sites is described in the RCBRA (RCBRA Report [DOE/RL-2007-21]). Assessment of ecological risks based on the biota sampling results is described in Chapter M4 of this appendix. Contaminants detected principally in the sediment, porewater, and surface water samples were inorganics and radionuclides.

M2.4 Routes of Potential Exposure and Receptors

A range of terrestrial and aquatic plant, invertebrate and wildlife species were considered in the ecological risk assessment conducted as part of the RCBRA (RCBRA Report [DOE/RL-2007-21]), and are discussed in detail in that ecological risk assessment.

M3 Data Evaluation

Analytical data collected from the riparian and nearshore zones were evaluated to focus on the COPECs that could be related to Hanford Site operations. This data evaluation encompassed groundwater (characterized by near river wells and aquifer tubes), seeps/springs, surface water, sediments, and riparian soil data, obtained from a range of Hanford Site sources. These sources included groundwater-monitoring activities documented in the annual groundwater monitoring reports, sampling of sediments, seeps and surface water conducted as part of the SESP, and sampling of sediments, porewater, surface water and riparian soils conducted as part of the RCBRA.

These analytical results were compared with ecological benchmarks and criteria to confirm if these should be identified as COPECs. Analytical data quality, in particular filtered versus unfiltered analyses of water samples, was taken into consideration in making the comparisons with benchmarks and criteria. The spatial relationships of contaminants concentrations in surface water, porewater, and groundwater were evaluated to address considerations of whether or not detected contaminants were related to Hanford Site operations (i.e., originated from upland groundwater sources) or reflected ambient background conditions.

M3.1 Data Sources and Data Processing

The data set used in this evaluation consisted of sampling and analysis data collected from 19 nearshore monitoring wells, 57 aquifer tubes, 61 seep/spring locations, 14 porewater locations, and 42 surface water locations within the boundaries of the 300-FF-5 Groundwater OU. A list of the nearshore wells and aquifer tubes used in this evaluation are provided in Table M-1 (tables are located at the end of this appendix). Seep/spring, porewater, and surface water sampling locations are based on sampling locations identified in the RCBRA. Figures M-5, M-6, and M-7 show the sampling locations for each type of water media, riparian soil, and sediment.

The data set used in this evaluation was obtained from the Hanford Environmental Information System (HEIS). The data included the following types of information:

- Analytical results from both unfiltered and filtered samples
- Data qualification and data validation flags, including rejected results
- Results for a given analyte reported by more than one analytical method
- Parent, field duplicate, and field split sample results

The analytical data were processed to eliminate unusable results and thus identify one set of results per sampling location and date of sample collection. The data processing steps are described in the following subsections.

M3.1.1 Laboratory and Data Validation Flags

Analytical data are received from the laboratory with data qualification flags. Validation qualifiers are assigned during the data validation process. The following rules determine how flagged and/or qualified sample results are used in identifying contaminants of interest (COIs).

- Sample results flagged with a "U" qualifier, or combinations of qualifiers that include a "U," such as a "UJ," are considered nondetected results.
- Sample results without a "U" qualifier are considered detected concentrations, including results with no qualifier or with a "J" qualifier.
- Sample results that are rejected and flagged with an "R" qualifier are not used in identifying COPECs.

M3.1.2 Analytes Reported by Numerous Analytical Methods

Often analytes are reported by more than one analytical method, resulting in multiple results for the same analyte from the same location and sample date. When analytes are reported by more than one analytical method for a sample, the set of data that best represents the actual concentration is retained. For example, the gamma spectroscopy method provides concentration results for the uranium isotopes; however, uranium concentrations reported by a uranium-isotope-specific method are preferred.

M3.1.3 Field Duplicate and Field Split Results

Field quality control (QC) samples (field duplicates and field splits) are collected in the field and analyzed by the laboratory as unique samples. The parent sample and QC samples are collected from the same location (i.e., monitoring well) on the same date, resulting in more than one sample per location/date. The following criteria are used to reduce multiple sample results for an individual location/date to a single result:

- If two or more detections exist, the maximum concentration is used.
- If at least one detection and one or more nondetected results exist, the detected concentration is used.
- If only (two or more) nondetected results exist, the lowest detection limit is used.

M3.2 Identification of Ecological Screening Levels

Ecological screening levels (ESLs) were used for comparison with analytical results in water, soil, and sediment to identify SOPECs, and were derived from available sources of chemical-specific applicable or relevant and appropriate requirements, readily available soil screening levels (SSLs), or site-specific preliminary remediation goals (PRGs) for plants and invertebrates or wildlife. All summary of ESLs for water are listed in Table M-2. A summary of the Tiers 1 and 2 plan/invert ESLs are listed in Tables M-3 and M-4. A summary of the Tiers 1 and 2 wildlife ESLs are listed in Tables M-5 and M-6. Table M-7 provides a summary of the sediment ESLs.

M3.2.1 Ecological Screening Levels for Water

The sources of ESLs from federal regulations are listed below:

- National Recommended Water Quality Criteria, aquatic water quality criteria established under Section 304 of the *Clean Water Act of 1977*
- 40 CFR 131, "Water Quality Standards," for states not complying with Section 303 of the *Clean Water Act of 1977*
- DOE-STD-1153-2002, "A Graded Approach for Evaluating Radiation Doses to Aquatic and Terrestrial Biota" (also referred to as the Biota Manual)

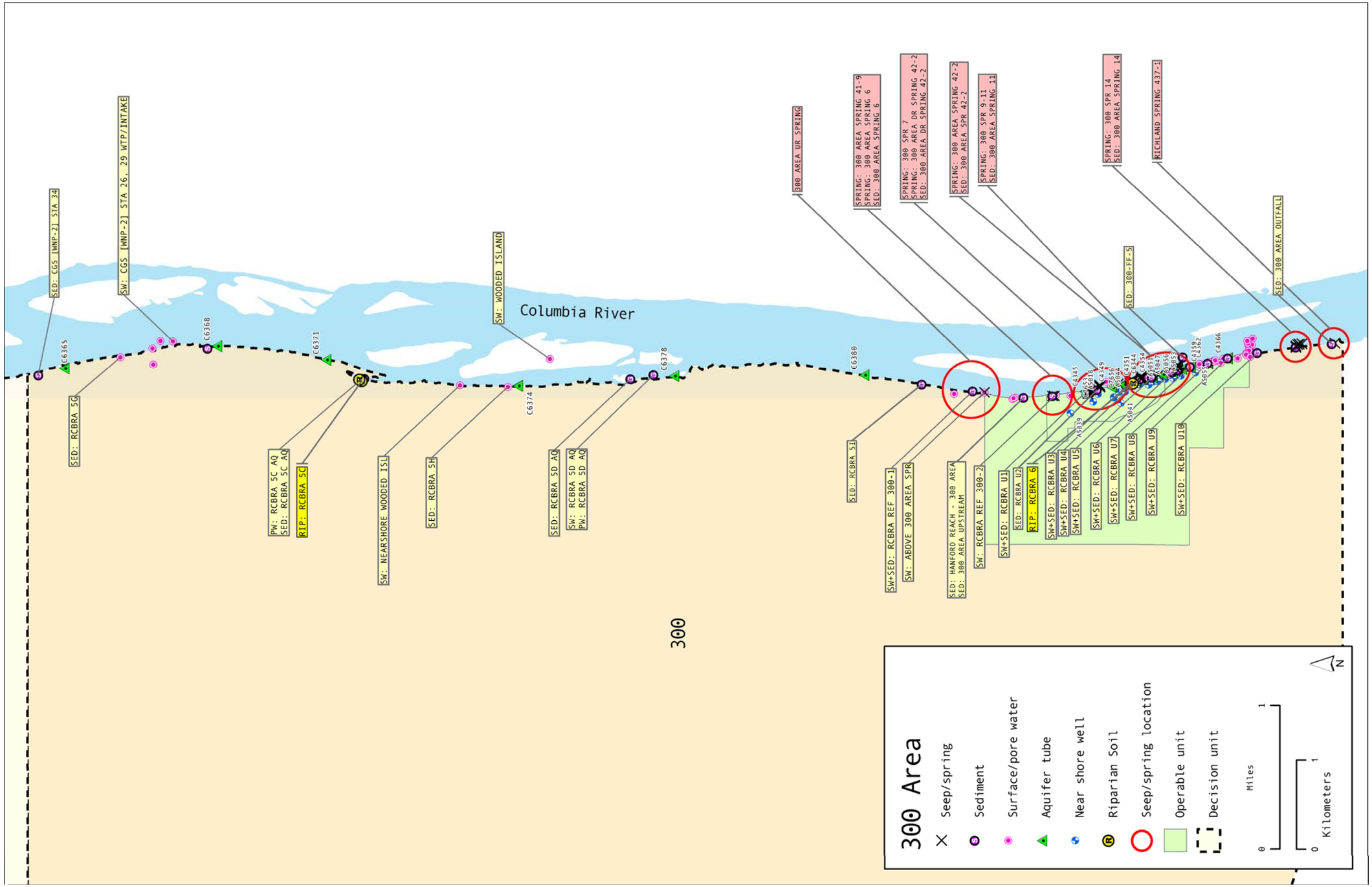

Figure M-5. 300 Area sampling Locations and Identifiers for Samples in the Riparian/Nearshore Conceptual Site Model

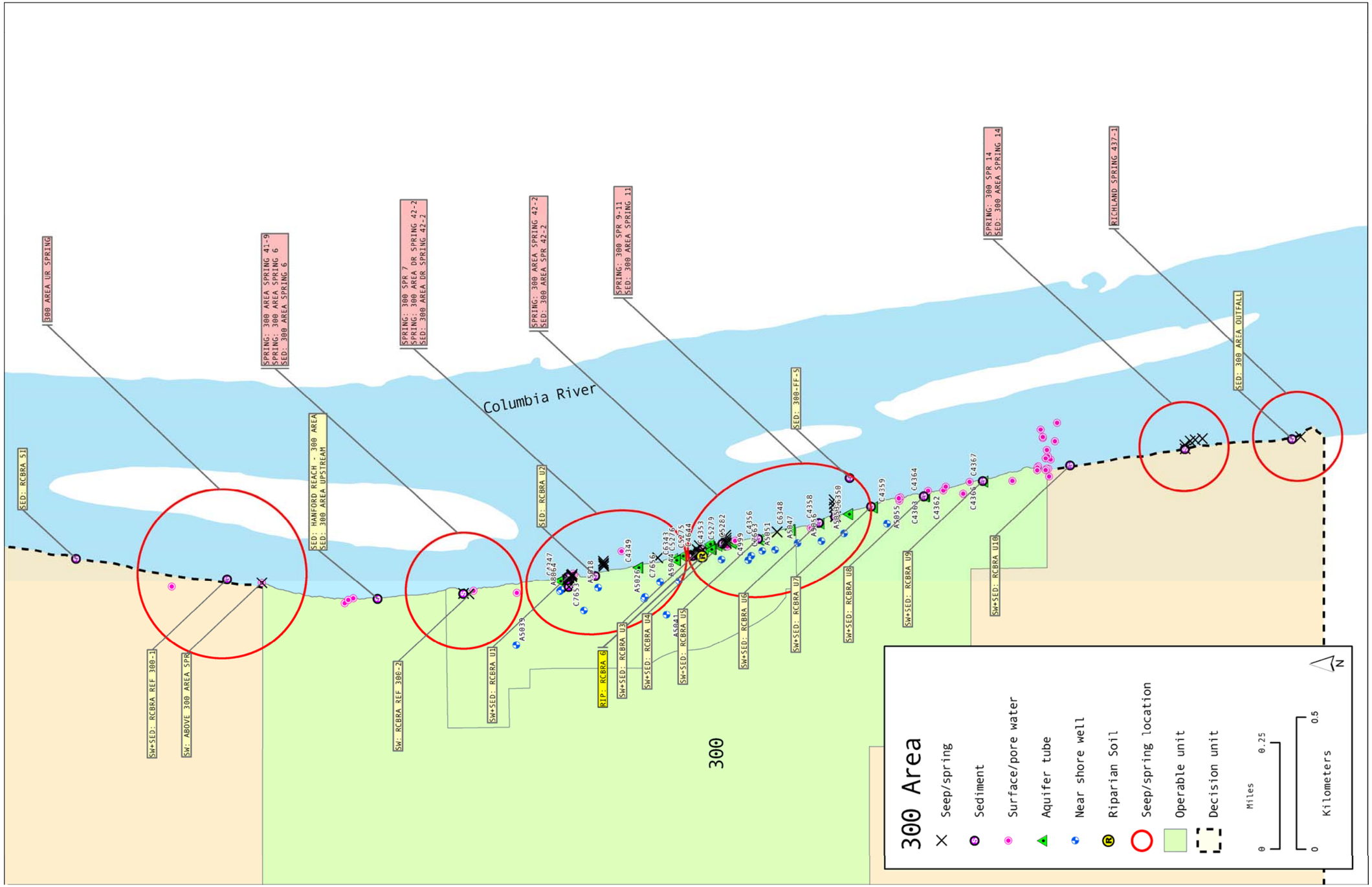

Figure M-6. 300 Area sampling Locations and Identifiers for Samples in the Riparian/Nearshore Conceptual Site Model (Inset—Southern Locations

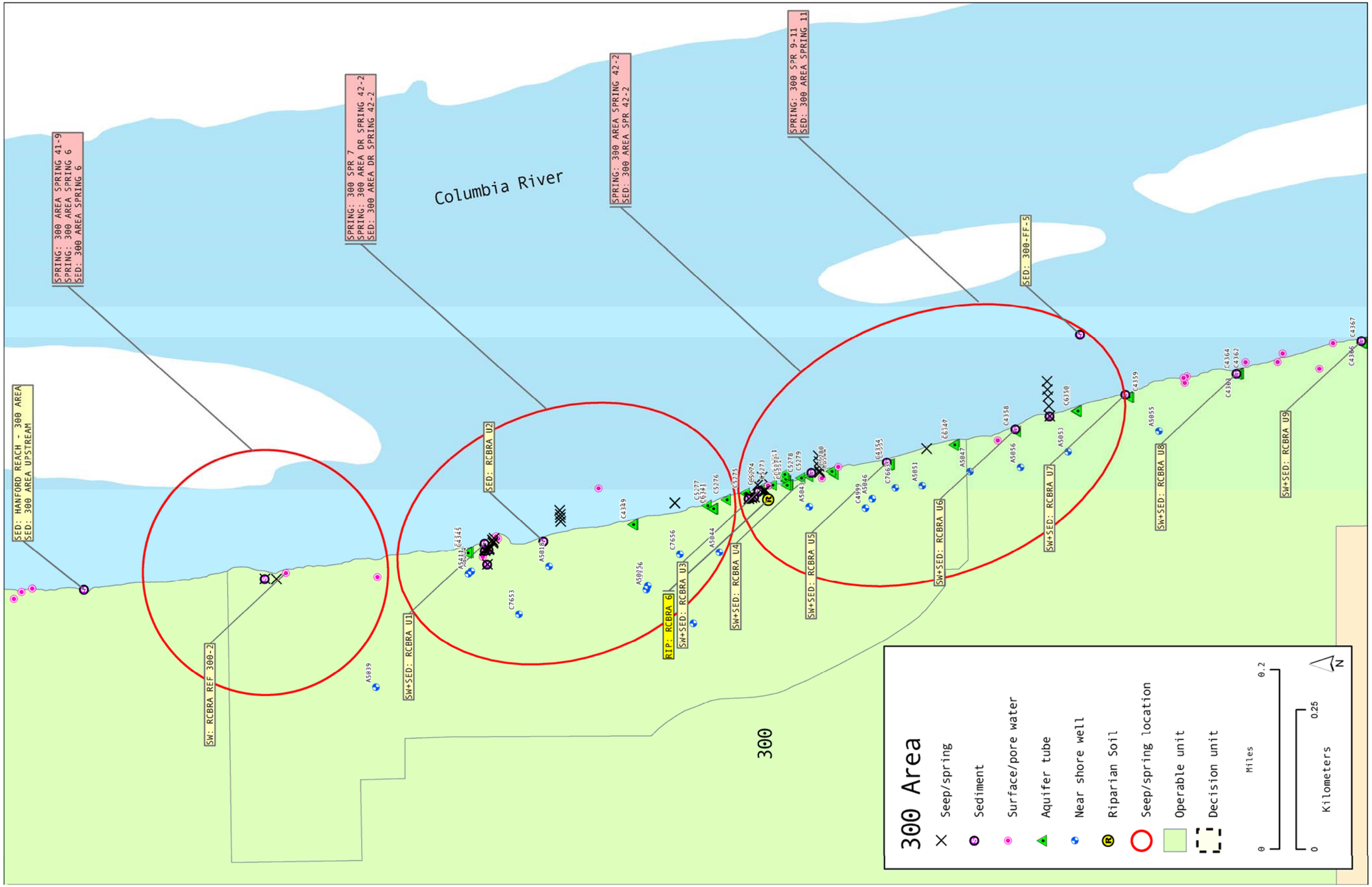

Figure M-7. 300 Area sampling Locations and Identifiers for Samples in the Riparian/Nearshore Conceptual Site Model (Additional Details)

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The sources of the ESLs from Washington State regulations are listed below:

- WAC 173-201A, "Water Quality Standards for Surface Waters of the State of Washington" (also referred to as Surface Water Quality Standards)

The ESL was selected from lowest of the available values for protection of aquatic receptors, as listed above.

M3.2.2 Ecological Screening Levels for Soil

The sources of the plant/invert ESLs and PRGs and wildlife ESLs and PRGs are described below.

Plant/invertebrate ESLs. ESLs for the protection of plants and soil invertebrates have previously been documented in *Tier 1 Risk Based Values Protective of Ecological Receptors at the Hanford Site* (*Tier 1 Risk-Based Soil Concentrations Protective of Ecological Receptors at the Hanford Site* [CHPRC-00784]). Typically, ESLs represent ecological risk-based concentrations that are developed to reflect site-specific conditions using information obtained from the literature. Insufficient site-specific information for the effects of nonradioactive contaminants to specific plants and insects found at the Hanford Site was available to develop a traditional PRG. Hence, generic screening levels were recommended as ESLs. The ESLs are drawn from the following published sources:

- EPA's ESLs (*Guidance for Developing Ecological Soil Screening Levels (Eco-SSLs)* [OSWER Directive 9285.7-55]). Available at: http://www.epa.gov/ecotox/ecossl/.
- Ecology's Ecological Indicator Soil Concentrations for Protection of Terrestrial Plants and Animals ("Model Toxics Control Act—Cleanup," [WAC 173-340, Table 749-3]). Available at: http://www.ecy.wa.gov/pubs/wac173340.pdf.
- Oak Ridge National Laboratory (ORNL) screening benchmarks:
  - *Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision* (ES/ER/TM-85/R3). Available at: http://www.esd.ornl.gov/programs/ecorisk/benchmark_reports.html.
  - *Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Processes: 1997 Revision* (ES/ER/TM-126/R2). Available at: http://www.esd.ornl.gov/programs/ecorisk/benchmark_reports.html.
- Biota concentration guides (BCGs) for radionuclides that are presented in the Biota Manual (DOE-STD-1153-2002)

Plant/invertebrate PRGs. PRGs for plant and invertebrates are documented in *Tier 2 Terrestrial Plant and Invertebrate Preliminary Remediation Goals (PRGs) for Nonradionuclides for Use at the Hanford Site* (ECF-HANFORD-11-0158). When appropriate these represent thresholds of toxicity to plants and invertebrates at the Hanford Site and are reflective of site-specific conditions. The most appropriate value for each COPEC was selected from the following:

- Site-specific COECs from samples collected in 2011as documented in *Tier 2 Terrestrial Plant and Invertebrate Preliminary Remediation Goals (PRGs) for Nonradionuclides for Use at the Hanford Site* (ECF-HANFORD-11-0158)
- Site-specific COECs from samples collected in 2006 and 2007 as documented in the RCBRA (RCBRA Report [DOE/RL-2007-21])

- Site-specific PRGs for lead and arsenic presented in *Ecological Soil Screening Levels for Arsenic and Lead in the Tacoma Smelter Plume Footprint and Hanford Site Old Orchards* [Ecology Publication 11-03-006])
- Hanford Site background:
  - *Hanford Site Background: Part 1, Soil Background for Nonradioactive Analytes* (hereinafter called Non-Rad Soil Background Document [DOE/RL-92-24])
  - *Hanford Site Background: Part 2, Soil Background for Radionuclides* (hereinafter called Rad Soil Background Document [DOE/RL-96-12])
  - *Hanford Site Background: Evaluation of Existing Soil Radionuclide Data* (DOE/RL-95-55)
  - *A Review of Metal Concentrations Measured in Surface Soil Samples Collected on and Around the Hanford Site* (hereinafter called Surface Soil Metal Concentrations Hanford Review [PNNL-18577])
  - *Soil Background for Interim use at the Hanford Site* (ECF-HANFORD-11-0038)
- EPA's ESLs (*Guidance for Developing Ecological Soil Screening Levels (Eco-SSLs)* [OSWER Directive 9285.7-55]). Available at: http://www.epa.gov/ecotox/ecossl/.
- Ecology's Ecological Indicator Soil Concentrations for Protection of Terrestrial Plants and Animals ("Model Toxics Control Act—Cleanup," WAC 173-340, Table 749-3). Available at: http://www.ecy.wa.gov/pubs/wac173340.pdf.
- ORNL screening benchmarks:
  - *Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision* (ES/ER/TM-85/R3). Available at: http://www.esd.ornl.gov/programs/ecorisk/benchmark_reports.html.
  - *Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Processes: 1997 Revision* (ES/ER/TM-126/R2). Available at: http://www.esd.ornl.gov/programs/ecorisk/benchmark_reports.html.

Wildlife ESLs and PRGs. ESLs and PRGs for wildlife both represent sets of site-specific values derived in order to be protective of wildlife that are found or that represent feeding guilds at the Hanford Site. Both sets rely on desktop foodchain models that are effectively equivalent to those published by EPA (*Guidance for Developing Ecological Soil Screening Levels (Eco-SSLs)* [OSWER Directive 9285.7-55]) and Ecology ("Model Toxics Control Act—Cleanup," WAC 173-340, Table 749-3). The ESLs typically use a combination of literature-based information for the species specifically found at the Hanford Site, whereas the PRGs tend to rely on the same information while incorporating site-specific tissue data into the foodchain models.

M3.2.3 Ecological Screening Levels for Sediment

ESLs for sediment are the same as those used in the RCBRA and in the *Columbia River Component Risk Assessment Volume 1: Screening Level Ecological Risk Assessment* (DOE/RL-2010-117, Volume 1, Part 1, Draft A) and come from a variety of published sources. When available, preference was given to values published in the *Development of Freshwater Sediment Quality Values for Use in Washington State. Phase II Report: Development and Recommendation of SQVs for Freshwater Sediments in Washington*

State (Ecology Publication No. 03-09-088). Other sources were used when a value was not available in this report with preference toward specificity toward datasets from the Pacific Northwest.

M3.3 Identification of Contaminants of Interest - Water

After extracting and processing the 300-FF-5 OU groundwater analytical data set from HEIS, a multi-step screening process was used to identify initial COIs. The steps were:

- Apply exclusion criteria
- Identify nondetected analytes
- Identify analytes with maximum detected concentrations less than their respective ESLs
- Identify analytes with maximum detected concentrations greater than their respective ESLs

M3.3.1 Apply Exclusion Criteria

The first step in the COI identification process is to apply certain exclusion criteria. Analytes that meet the exclusion criteria were eliminated as COIs. The only exclusion criterion used was the absence of toxicity information for an analyte—if there were no ESLs available as described in Section M3.2.1, that analyte was not carried into the next step of the data evaluation process. Analytes that did not meet any of the exclusion criteria were carried forward into the next step.

The analytes in nearshore groundwater wells, aquifer tubes, porewater samples, and surface water samples that do not have ESLs are summarized in Tables M-8 through M-12. Sampling dates, minimum and maximum detected concentrations, and minimum and maximum method detection limits (MDLs), are also provided in Tables M-8 through M-12.

M3.3.2 Identify Nondetected Analytes

The next step in the groundwater COI identification process was to identify nondetected analytes. Chemicals and radionuclides that have been analyzed for, but not detected in any sample (collected from appropriate locations, with adequate detection limits), are eliminated as COIs. All analytes detected at least once were carried forward to the next step.

Analytes that were not detected in near-river groundwater wells, aquifer tubes, porewater, seep/spring, or surface water samples are summarized in Tables M-13 through M-17.

M3.3.3 Identify Analytes with Maximum Detected Concentrations Less Than ESLs

This step identifies analytes with maximum concentrations less than ESLs. In this screening step, the maximum concentration of each analyte detected in groundwater was compared to its ESL, to identify analytes not likely to contribute significantly to overall risk. If the maximum detected concentration of an analyte was less than its ESL, the analyte was eliminated as a COI.

A list of analytes with maximum concentrations less than their ESL is presented in Tables M-18 through M-22. With regard to groundwater, the focus of this analysis has been on analytes that are not identified as the contaminants that have already been identified for remedial alternatives evaluation in the feasibility study (FS), including uranium, nitrate, and several chlorinated VOCs. Further discussion of these contaminants is provided in Section 4.3.2 of the Remedial Investigation/FS Report.

M3.3.4 Identify Analytes with Maximum Detected Concentrations Greater than ESLs

This step identifies analytes with maximum concentrations greater than their respective ESLs. Such analytes are likely to contribute to overall risk. If the maximum detected concentration of an analyte is greater than its ESL, the analyte is identified as a COI. Analytes with maximum detected concentrations

greater than their respective ESLs are described below. Table M-23 through M-27 provides a summary of the analytes with maximum detected concentrations greater than their respective ESL for each water media. Table M-28 summarizes the results for all water media and all COIs described below.

M3.3.4.1 Aluminum

Groundwater. Aluminum was detected in five of 30 unfiltered groundwater samples (17 percent frequency) with concentrations ranging from 27 to 65 µg/L. Aluminum concentrations in unfiltered samples are less than the ESL of 87 µg/L.

Aluminum was detected two of 19 filtered groundwater samples (11 percent frequency). Aluminum concentrations in filtered samples ranged from 14 µg/L to 122 µg/L. Of the two detected results, one sample was reported with a concentration greater than the ESL of 87 µg/L. Aluminum was detected at monitoring well 399-2-2 (122 µg/L), and flagged with a "Y" review qualifier, indicating the result is suspect.

All MDLs for filtered and unfiltered samples are less than the ESL.

Aquifer Tubes. Aluminum was detected in one filtered aquifer tube sample (100 percent frequency) at a concentration of 2.3 µg/L. Aluminum concentrations in filtered samples are less than the ESL of 87 µg/L.

Porewater. Aluminum was detected in 11 of 16 unfiltered porewater samples (69 percent frequency). Aluminum concentrations in unfiltered samples ranged from 30 to 161 µg/L. Of the 11 detected results, four samples were reported with concentrations greater than the ESL of 87 µg/L. Aluminum was detected at locations RCBRA U4 (161 µg/L) and RCBRA REF 300-1 (130 µg/L). Aluminum was also detected at locations RCBRA U9 (125 µg/L) and RCBRA U8 (87 µg/L), these results were flagged with a "C" qualifier indicating that aluminum was reported in the sample and the QC blank. All MDLs are less than the ESL. No filtered samples were collected and analyzed for aluminum.

Seep/Spring. Aluminum was detected in all seven unfiltered seep/spring samples (100 percent frequency). Aluminum concentrations in unfiltered samples ranged from 31 to 3,100 µg/L. Of the seven detected results, five samples were reported with concentrations greater than the ESL of 87 µg/L. Aluminum was detected at location 300 Area Spring 42-2 (140, 960, and 3,100 µg/L), 300 Area DR Spring 42-2 (88 µg/L), and 300 Area Spring 11 (123 µg/L). No filtered samples were collected and analyzed for aluminum.

Surface Water. Aluminum was detected in 14 of 17 unfiltered surface water samples (82 percent frequency). Aluminum concentrations in unfiltered samples ranged from 20 to 310 µg/L. Of the 14 detected results, three samples were reported with concentrations greater than the ESL of 87 µg/L. Aluminum was detected at location 300 Area-1 HRM 43.1 (310 µg/L), RCBRA U10 (254 µg/L), and RCBRA U7 (106 µg/L). All MDLs are less than the ESL. No filtered samples were collected and analyzed for aluminum.

M3.3.4.2 Cadmium

Groundwater. Cadmium was detected in one of 143 unfiltered groundwater samples (0.70 percent frequency), and was not detected in filtered groundwater samples (179 samples). The single cadmium sample was reported with a concentration greater than the ESL of 0.25 µg/L. Cadmium was detected at monitoring well 399-3-1 (4.2 µg/L). The single cadmium concentration was flagged with a "Y" review qualifier, indicating the result is suspect. Most MDLs are greater than the ESL of 0.25 µg/L.

Aquifer Tubes. Cadmium was detected in three of 93 unfiltered aquifer tube samples (3.2 percent frequency). Cadmium concentrations in unfiltered samples ranged from 4.6 to 6.4 µg/L. All three samples

were reported with concentrations greater than the ESL of 0.25 µg/L. Cadmium was detected at locations AT-3-8-S (6.4 µg/L), C6344 (4.6 µg/L), and C6351 (4.6 µg/L). Cadmium concentrations were flagged with "B" qualifiers, indicating the analyte was detected at a value less than the contract required detection limit (CRDL). Most MDLs are greater than the ESL of 0.25 µg/L.

Cadmium was detected in two of 98 filtered aquifer tube samples (2.0 percent frequency). Cadmium concentrations in filtered samples are 0.058 and 4.7 µg/L. Of the two detections, one sample was reported with a concentration greater than the ESL of 0.25 µg/L. Cadmium was detected at location AT-3-2-M (4.7 µg/L). The single cadmium concentration was flagged with a "B" qualifier, indicating the analyte was detected at a value less than the CRDL. Most MDLs are greater than the ESL of 0.25 µg/L.

Porewater. Cadmium was not detected in unfiltered porewater samples (16 samples). All MDLs are greater than the ESL of 0.25 µg/L.

Seep/Spring. Cadmium was detected in all 12 unfiltered seep/spring samples (100 percent frequency). Cadmium concentrations in unfiltered samples ranged from 0.025 to 0.57 µg/L. Of the 12 detected results, three samples were reported with concentrations greater than the ESL of 0.25 µg/L. Cadmium is reported at concentrations less than the Hanford Site background level of 0.92 µg/L.

Cadmium was detected in all three filtered seep/spring samples (100 percent frequency) with concentrations ranging from 0.016 to 0.028 µg/L. Cadmium concentrations in filtered samples are less than the ESL of 0.25 µg/L.

Surface Water. Cadmium was detected in 21 of 36 unfiltered surface water samples (58 percent frequency). Cadmium concentrations in unfiltered samples ranged from 0.013 to 2.1 µg/L. Of the 21 detected results, two samples were reported with concentrations greater than the ESL of 0.25 µg/L. Cadmium was detected at location 300 Area -2 HRM 43.1 (2.1 µg/L) with a concentration greater than the 90th percentile Hanford Site background value of 0.92 µg/L. Most MDLs for unfiltered samples are greater than the ESL.

Cadmium was detected in 8 of 13 filtered surface water samples (62 percent frequency) with concentrations ranging from 0.0086 to 0.016 µg/L. Cadmium concentrations in filtered samples are less than the ESL of 0.25 µg/L. All MDLs for filtered samples are less than the ESL.

M3.3.4.3 Chlorine

Porewater. Chlorine was detected in six of 15 unfiltered porewater samples (40 percent frequency). Chlorine concentrations in unfiltered samples range from 10 to 30 µg/L. Of the six detected results, five samples were reported with concentrations greater than the ESL of 11 µg/L. Chlorine was detected at five porewater locations with concentrations greater than the ESL. All MDLs are greater than the ESL.

Groundwater, aquifer tube, seep/spring, and surface water samples were not analyzed for chlorine.

M3.3.4.4 Copper

Groundwater. Copper was detected in 16 of 143 unfiltered groundwater samples (11 percent frequency). Copper concentrations in unfiltered samples ranged from 0.22 to 229 µg/L. Of the 16 detected results, two samples were reported with concentrations greater than the ESL of 9.0 µg/L. Copper was detected at monitoring well 399-3-18 (10 µg/L), and flagged with a "C" qualifier indicating the result was reported in the laboratory QC blank. Copper was detected at monitoring well 399-1-16A (229 µg/L), and flagged with a "Y" review qualifier indicating the result is suspect. All MDLs are less than the ESL.

Copper was detected in 9 of 179 filtered groundwater samples (5 percent frequency). Copper concentrations in filtered samples ranged from 0.24 to 12 µg/L. Of the nine detected results, one sample

was reported with a concentration greater than the ESL of 9.0 µg/L. Copper was detected at monitoring well 399-3-18 (12 µg/L), and flagged with a "C" qualifier indicating the result was reported in the laboratory QC blank. Most MDLs are less than the ESL.

Aquifer tube. Copper was detected in five of 69 unfiltered aquifer tube samples (7.3 percent frequency). Copper concentrations in unfiltered samples ranged from 4.2 to 11 µg/L. Of the five detected results, one sample was reported with a concentration greater than the ESL of 9.0 µg/L. The single copper concentration was detected at location C6342 (11 µg/L).

Copper was detected in 4 of 78 filtered aquifer tube samples (5.1 percent frequency) with concentrations ranging from 4.0 to 6.0 µg/L. Copper concentrations in filtered samples are less than the ESL of 9.0 µg/L.

All MDLs for filtered and unfiltered samples are less than the ESL.

Porewater. Copper was detected in eight of 16 unfiltered porewater samples (50 percent frequency) with concentrations ranging from 1.5 to 8.9 µg/L. Copper concentrations in unfiltered samples are less than the ESL of 9.0 µg/L. All MDLs are less than the ESL.

Seep/Spring. Copper was detected in all 12 unfiltered seep/spring samples (100 percent frequency). Copper concentrations in unfiltered samples ranged from 0.51 to 15 µg/L. Of the 12 detected results, two samples were reported with concentrations greater than the ESL of 9.0 µg/L. Copper was detected at locations 300 Area DR Spring 42-2 (15 µg/L) and 300 Area Spring 42-2 (14 µg/L).

Copper was detected in all three filtered seep/spring samples (100 percent frequency) with concentrations ranging from 0.34 to 0.45 µg/L. Copper concentrations in filtered samples are less than the ESL of 9.0 µg/L.

Surface Water. Copper was detected in 28 of 37 unfiltered surface water samples (76 percent frequency) with concentrations ranging from 0.53 to 3.5 µg/L. Copper was detected in all 13 filtered surface water samples (100 percent frequency) with concentrations ranging from 0.48 to 0.60 µg/L. All copper concentrations and MDLs are less than the ESL of 9.0 µg/L.

M3.3.4.5 Dieldrin

Groundwater. Dieldrin was not detected in unfiltered groundwater samples (2 samples). All MDL are greater than the ESL of 0.0019 µg/L.

Aquifer tube. Dieldrin was detected in one of seven unfiltered aquifer tube samples (14 percent frequency). The single dieldrin sample was reported with a concentration greater than the ESL of 0.0019 µg/L. Dieldrin was detected at location C6371 (0.016 µg/L), and flagged with a "J" qualifier indicating the concentration is an estimated value. All MDLs are greater than the ESL.

Seep/Spring. Dieldrin was not analyzed in seep/spring samples.

Porewater. Dieldrin was not detected in unfiltered porewater samples (16 samples). All MDL are greater than the ESL of 0.0019 µg/L.

Surface Water. Dieldrin was not detected in unfiltered surface water samples (14 samples). All MDL are greater than the ESL of 0.0019 µg/L.

M3.3.4.6 Iron

Groundwater. Iron was detected in 92 of 143 unfiltered groundwater samples (64 percent frequency). Iron concentrations in unfiltered samples ranged from 13 to 1,260 µg/L. Of the 92 detected results, three

samples were reported with concentrations greater than the ESL of 1,000 µg/L. Iron was detected at monitoring well 399-1-10B (1,260, 1,170, and 1,060 µg/L).

Iron was detected in 76 of 179 filtered groundwater samples (42 percent frequency). Iron concentrations in filtered samples ranged from 13 to 1,190 µg/L. Of the 76 detected results, three samples were reported with concentration greater than the ESL of 1,000 µg/L. Iron was detected at monitoring well 399-1-10B (1,190, 1,160, and 1,100 µg/L).

All MDLs for filtered and unfiltered samples are less than the ESL.

Aquifer Tubes. Iron was detected in 63 of 86 unfiltered aquifer tube samples (73 percent frequency). Iron concentrations in unfiltered samples ranged from 21 to 8,970 µg/L. Of the 63 detected results, 11 samples were reported with concentrations greater than the ESL of 1,000 µg/L.

Iron was detected in 35 of 90 filtered aquifer tube samples (39 percent frequency). Iron concentrations in filtered samples ranged from 13 to 3,580 µg/L. Of the 13 detected results, one sample was reported with a concentration greater than the ESL of 1,000 µg/L. Iron was detected at location AT-3-2-M (3,580 µg/L).

All MDLs for filtered and unfiltered samples are less than the ESL.

Porewater. Iron was detected in 13 of 16 unfiltered porewater samples (81 percent frequency). Iron concentrations in unfiltered samples ranged from 26 to 8,270 µg/L. Of the 13 detected results, two samples were reported with concentrations greater than the ESL of 1,000 µg/L. Iron was detected at location RCBRA U1 (8,270 and 2,550 µg/L). All MDLs are less than the ESL.

Seep/Spring. Iron was detected in all three unfiltered seep/spring samples (100 percent frequency). Iron concentrations in unfiltered samples ranged from 190 to 4,700 µg/L. Of the three detected results, two samples were reported with concentrations greater than the ESL of 1,000 µg/L. Iron was detected at location 300 Area DR Spring 42-2 (4,700 and 1,200 µg/L).

Surface Water. Iron was detected in 15 of 17 unfiltered surface water samples (88 percent frequency) with concentrations ranging of 25 to 310 µg/L. Iron concentrations in unfiltered samples are less than the ESL of 1,000 µg/L. All MDLs are less than the ESL.

M3.3.4.7 Lead

Groundwater. Lead was detected in one of 30 unfiltered groundwater samples (3.3 percent frequency), and was not detected in filtered groundwater samples (19 samples). The single lead concentration in unfiltered samples was detected at location 399-1-54 (0.22 µg/L), and flagged with a “BD” qualifier indicating the analyte was detected at a value less than the RDL but greater than the MDL. Lead concentrations in unfiltered samples are less than the ESL of 2.1 µg/L. Most MDLs for filtered and unfiltered samples are less than the ESL.

Aquifer Tubes. Lead was detected in one of eight filtered aquifer tube samples (13 percent frequency), and was not detected in unfiltered aquifer tube samples (7 samples). The single lead concentration in filtered samples was detected at location AT-3-3-D (0.013 µg/L). Lead concentrations in filtered samples are less than the ESL of 2.1 µg/L. Most MDLs for filtered and unfiltered samples are greater than the ESL.

Porewater. Lead was detected in two of 16 unfiltered porewater samples (13 percent frequency). Lead concentrations in unfiltered samples are 1.5 and 3.1 µg/L. Of the two detected results, one sample was reported with a concentration greater than the ESL of 2.1. Lead was detected at location RCBRA REF 300-1 (3.1 µg/L). All MDLs are less than the ESL.

Seep/Spring. Lead was detected in all 10 unfiltered seep/spring samples (100 percent frequency). Lead concentrations in unfiltered samples ranged from 0.062 to 16 µg/L. Of the 10 detected results, two samples were reported with a concentrations greater than the ESL of 2.1 µg/L. Lead was detected at locations 300 Area DR Spring 42-2 (16 µg/L) and 300 Area Spring 42-2 (2.4 µg/L). All MDLs are less than the ESL.

Lead was detected in two of three filtered seep/spring samples (67 percent frequency) at concentrations 0.17 and 0.35 µg/L. Lead concentrations in filtered samples are less than the ESL of 2.1 µg/L.

Surface Water. Lead was detected in 22 of 35 unfiltered surface water samples (63 percent frequency). Lead concentration in unfiltered samples ranged from 0.0094 µg/L to 3.9 µg/L. Of the 22 detected results, one sample was reported with a concentration greater than the ESL of 2.1 µg/L. Lead was detected at location RCBRA U8 (3.9 µg/L). Most MDLs are greater than the ESL

Lead was detected in 12 of 14 filtered surface water samples (86 percent frequency) with concentrations ranging from 0.012 to 0.090 µg/L. Lead concentrations in filtered samples are less than the ESL of 2.1 µg/L. All MDLs are less than the ESL.

M3.3.4.8 Nickel

Groundwater. Nickel was detected in 36 of 143 unfiltered groundwater samples (25 percent frequency). Nickel concentrations in unfiltered samples ranged from 0.72 to 56 µg/L. Of the 36 detected results, two samples were reported with concentrations greater than the ESL of 52 µg/L. Nickel was detected at monitoring well 399-1-16A (56 and 54 µg/L).

Nickel was detected in 32 of 179 filtered groundwater samples (18 percent frequency). Nickel concentrations in filtered samples ranged from 4.0 to 65 µg/L. Of the 32 detected results, three samples were reported with concentrations greater than the ESL of 52 µg/L. Nickel was detected at monitoring wells 399-1-16A (65 and 54 µg/L) and 399-1-16B (56 µg/L).

All MDLs for filtered and unfiltered samples are less than the ESL.

Aquifer Tubes. Nickel was detected in 14 of 93 unfiltered aquifer tube samples (15 percent frequency) with concentrations ranging from 0.20 to 5.9 µg/L. Nickel was detected in seven of 98 filtered aquifer tube samples (7.1 percent frequency) with concentrations ranging from 0.27 to 4.5 µg/L. All nickel concentrations and MDLs are less than the ESL of 52 µg/L.

Porewater. Nickel was not detected in unfiltered porewater samples (16 samples). All MDLs are less than the ESL of 52 µg/L.

Seep/Spring. Nickel was detected in 12 of 13 unfiltered seep/spring samples (92 percent frequency) with concentrations ranging from 0.38 to 18 µg/L. Nickel was detected in all three filtered seep/spring samples (100 percent frequency) with concentrations ranging from 0.97 to 1.5 µg/L. All nickel concentrations and MDLs are less than the ESL of 52 µg/L.

Surface Water. Nickel was detected in 22 of 35 unfiltered surface water samples (63 percent frequency) with concentrations ranging from 0.20 to 22 µg/L. Nickel was detected in all 13 filtered surface water samples (100 percent frequency) with concentrations ranging from 0.65 to 1.4 µg/L. All nickel concentrations and MDLs are less than the ESL of 52 µg/L.

M3.3.4.9 Silver

Groundwater. Silver was detected in 3 of 143 unfiltered groundwater samples (2.1 percent frequency). Silver concentrations in unfiltered samples ranged from 15 to 17 µg/L. All three silver samples were

reported with concentrations greater than the ESL of 2.6 µg/L. Silver was detected at monitoring wells 399-4-10 (17 µg/L), 399-3-9 (16 µg/L), and 399-3-18 (15 µg/L), and all silver results were flagged with a "C" qualifier, indicating that silver was detected in the sample and the QC blank. MDLs for Method 6010 range from 1.4 to 7.0 µg/L. MDLs for Method 200.8 are 0.2 µg/L. Most MDLs are greater than the ESL.

Silver was detected in 4 of 179 filtered groundwater samples (2.2 percent frequency). Silver concentrations in filtered samples ranged from 5.5 to 15 µg/L. All four silver samples were reported with concentrations greater than the ESL of 2.6 µg/L. Silver was detected at monitoring wells 399-3-18 (15 µg/L), 399-3-9 (6.3 µg/L), 399-4-7 (6.2 µg/L), and 399-1-6 (5.5 µg/L). Silver results were flagged with a "C," "B," and "BC" qualifier, indicate the analyte was detected in the sample and the QC blank, the analyte was detected at a value less than the CRDL, or both; respectively. MDLs for Method 6010 range from 1.7 to 10 µg/L. MDLs for Method 200.8 are 0.2 µg/L. Most MDLs are greater than the ESL.

Aquifer Tubes. Silver was detected in 2 of 86 unfiltered aquifer tube samples (2.3 percent frequency). Silver concentrations in unfiltered samples are 5.5 and 6.6 µg/L. Both silver samples were reported with concentrations greater than the ESL of 2.6 µg/L. Silver was detected at location AT-3-8-S (6.6 and 5.5 µg/L), and flagged with a "B" qualifier indicating the analytes was detected at a value less than the CRDL. MDLs for Method 6010 range from 5.0 to 7.0 µg/L. MDLs for Method 200.8 are 0.1 µg/L. Most MDLs are greater than the ESL.

Silver was detected in 4 of 90 filtered aquifer tube samples (4.4 percent frequency). Silver concentrations in filtered samples range from 5.3 to 8.1 µg/L. All four silver samples were reported with concentrations greater than the ESL of 2.6 µg/L. Silver was detected at location AT-3-4-S (8.1 µg/L), C6342 (7.0 µg/L), AT-3-2-M (6.0 µg/L), and C6351 (5.3 µg/L). All silver results were flagged with a "B" qualifier. MDLs for method 6010 range from 5.0 to 7.0 µg/L. MDLs for Method 200.8 are 0.1 µg/L. Most MDLs are greater than the ESL.

Porewater. Silver was not detected in unfiltered porewater samples (16 samples). All MDLs are less than the ESL of 2.6 µg/L.

Seep/Spring. Silver was detected in 5 of 11 unfiltered seep/spring samples (45 percent frequency) and was not detected in filtered samples (3 samples). Silver concentration in unfiltered samples ranged from 0.0013 to 0.064 µg/L. Silver concentrations in unfiltered samples are less than the ESL of 2.6 µg/L. Most MDLs are less than the ESL.

Surface Water. Silver was detected in 12 of 35 unfiltered surface water samples (34 percent frequency). Silver concentrations in unfiltered samples ranged from 0.0028 to 6.4 µg/L. Of the 12 detected results, one sample reported a concentration greater than the ESL of 2.6 µg/L. The single silver concentration was reported at location 300 Area -6 HRM 43.1 (6.4 µg/L).

Silver was detected in one of 13 filtered surface water samples (7.7 percent frequency) at a concentration of 0.0029 µg/L. Silver concentrations in filtered samples are less than the ESL.

All MDLs for filtered and unfiltered samples are less than the ESL.

M3.3.4.10 Zinc

Groundwater. Zinc was detected in 34 of 143 unfiltered groundwater samples (24 percent frequency) with concentrations ranging from 2.7 to 30 µg/L. Zinc concentrations in unfiltered samples are less than the ESL of 91 µg/L.

Zinc was detected in 38 of 179 filtered groundwater samples (21 percent frequency). Zinc concentrations in filtered samples ranged from 4.0 to 104 µg/L. Of the 38 detected results, one sample was reported with a concentration greater than the ESL of 91 µg/L. Zinc was detected at location 399-2-1 (104 µg/L).

All MDLs for filtered and unfiltered samples are less than the ESL.

Aquifer Tubes. Zinc was detected in 24 of 93 unfiltered aquifer tube samples (26 percent frequency). Zinc concentrations in unfiltered samples ranged from 1.1 to 490 µg/L. Of the 24 detected results, seven samples were reported with concentrations greater than the ESL of 91 µg/L. Six of the seven unfiltered samples were flagged with a "C" or "CN" qualifier indicating the analyte was reported in the laboratory QC blank.

Zinc was detected in 19 of 98 filtered aquifer tube samples (19 percent frequency). Zinc concentrations in filtered samples ranged from 1.0 to 594 µg/L. Of the 19 detected results, eight samples were reported with concentrations greater than the ESL of 91 µg/L. Six of the eight samples were flagged with either a "C" or "CN" qualifier.

All MDLs for filtered and unfiltered samples are less than the ESL.

Porewater. Zinc was detected in 15 of 16 unfiltered porewater samples (94 percent frequency) with concentrations ranging from 1.2 to 13 µg/L. Zinc concentrations in unfiltered sample are less than the ESL of 91 µg/L.

Seep/Spring. Zinc was detected in all 13 unfiltered seep/spring samples (100 percent frequency). Zinc concentrations in unfiltered samples ranged from 1.4 to 106 µg/L. Of the 13 detected results, two samples were reported with concentrations greater than the ESL of 91 µg/L. Zinc was detected at locations 300 Area DR Spring 42-2 (106 µg/L) and 300 Area Spring 42-2 (100 µg/L).

Zinc was detected in all three filtered seep/spring samples (100 percent frequency) with concentrations ranging from 1.1 to 1.9 µg/L. Zinc concentrations in filtered samples are less than the ESL of 91 µg/L.

Surface Water. Zinc was detected in 36 of 37 unfiltered surface water samples (97 percent frequency) with concentrations ranging from 0.56 to 57 µg/L. Zinc was detected in all 13 filtered surface water samples (100 percent frequency) with concentrations ranging from 0.69 to 2.0 µg/L. All zinc concentrations and MDLs are less than the ESL of 91 µg/L.

M3.4 Identification of Contaminants of Interest—Riparian Soil

Contaminants of interest were identified using the same process that was used for water.

M3.4.1 Apply Exclusion Criteria

The analytes in riparian soil that do not have plant/invert screening level are summarized in Table M-29 and analytes that do not have a wildlife screening level are summarized in Table M-30. Sampling dates, minimum and maximum detected concentrations, and minimum and maximum MDLs, are also provided in Tables M-29 and M-30.

M3.4.2 Identify Nondetected Analytes

Analytes that were not detected in riparian soil samples and have a plant/invertebrate SSL are summarized in Table M-31. Analytes that were not detected in riparian soil samples but have a wildlife SSL are summarized in Table M-32. Sampling dates, minimum and maximum detected concentrations, and minimum and maximum MDLs, are also provided in Tables M-31 and M-32.

M3.4.3 Identify Analytes with Maximum Detected Concentrations Less Than ESLs

A summary of the riparian soil analytes that do not exceed the lowest Plant/Invertebrate ESLs is provided in Table M-33. A summary of the riparian soil analytes that do not exceed the lowest wildlife ESLs is provided in Table M-34. Sampling dates, minimum and maximum detected concentrations, and minimum and maximum MDLs, are also provided in Tables M-33 and M-34.

M3.4.4 Identify Analytes with Maximum Detected Concentrations Greater Than ESLs

This step identifies analytes with maximum concentrations greater than their plant/invert or wildlife ESLs. A summary of the riparian soil analytes that exceed the lowest Plant/Invertebrate ESLs is provided in Table M-35. Table M-35 shows that concentrations of eight metals are greater than their respective plant/invertebrate ESL. The following metals had at least one sample result greater than the screening value:

- Boron, chromium, lithium, manganese, mercury, uranium, vanadium, and zinc.

The metals listed above that exceed the plant/invertebrate ESL are subsequently compared to the plant/invertebrate PRGs, and the results of this comparison are shown in Table M-36. As shown in Table M-36, no metal concentrations are greater than the plant/invertebrate PRG values.

A summary of the riparian soil analytes that exceed the lowest wildlife ESLs is provided in Table M-37. Table M-37 shows that concentrations of two metals are greater than their respective wildlife ESL. The following analytes had at least one sample result greater than the screening value:

- Vanadium and zinc.

The analytes listed above that exceed the wildlife ESL are subsequently compared to the wildlife PRGs, the results of this comparison are shown in Table M-38. As shown in Table M-38, vanadium is greater than the wildlife PRG values.

Vanadium was measured in 11 riparian soil samples (2 MIS locations) with concentrations ranging between 49 and 73 mg/kg. Vanadium concentrations measured in riparian soil are less than the Hanford Site 90th percentile background value of 85 mg/kg. A discussion of the ecological risk considerations associated with this result is presented in Chapter M4.

M3.5 Identification of Contaminants of Interest—Nearshore Sediment

Contaminants of interest were identified using the same process that was used for water.

M3.5.1 Apply Exclusion Criteria

The analytes in sediment that do not have ESLs are summarized in Table M-39. Sampling dates, minimum and maximum detected concentrations, and minimum and maximum MDLs, are also provided in Table M-39.

M3.5.2 Identify Nondetected Analytes

Analytes that were not detected in sediment samples are summarized in Table M-40. Sampling dates and minimum and maximum MDLs are also provided in Table M-40.

M3.5.3 Identify Analytes with Maximum Detected Concentrations Less Than ESLs

A summary of the sediment analytes that do not exceed the sediment screening levels is provided in Table M-41. Sampling dates, minimum and maximum detected concentrations, and minimum and maximum MDLs, are also provided in Table M-41.

M3.5.4 Identify Analytes with Maximum Detected Concentrations Greater Than ESLs

This step identifies analytes with maximum concentrations greater than sediment screening levels. A summary of the sediment analytes that exceed the sediment screening levels is provided in Table M-42. Table M-42 shows that concentrations of the following 10 analytes are greater than their sediment screening value:

- Antimony, beta-benzene hexachloride (BHC), bis(2-ethylhexy) phthalate, cadmium, endosulfan I, iron, manganese, selenium, TPH-diesel range, and zinc.

In at least one sediment sample, there were concentrations of two chlorinated pesticide (beta-BHC and endosulfan I), TPH-diesel, and metals (antimony, cadmium, iron, manganese, selenium, and zinc) detected at concentrations higher than an ESL. The presence of endosulfan I and beta-BHC are not a contaminant associated with Hanford Site operations, and is not likely to be associated with overland flow from upland waste site areas; in addition, chlorinated pesticides generally are not mobile in soil.

Antimony was detected in 2 of 17 samples with concentrations of 2.2 and 10 mg/kg. Both detections were reported with antimony concentrations greater than the ecological screening values of 0.4 mg/kg.

Cadmium was detected in 17 of 18 samples with concentrations ranging from 0.11 to 2.4 mg/kg. Of the 17 detections, five sediment samples were reported with cadmium concentrations greater than the ecological screening value of 0.6 mg/kg.

Iron was detected in all 18 samples with concentrations ranging from 8,700 to 29,000 mg/kg. Of the 18 detections, five sediment samples were reported with iron concentrations greater than the ecological screening value of 20,000 mg/kg.

Manganese was detected in all 18 samples with concentrations ranging from 87 to 746 mg/kg. Of the 18 detections, four sediment samples were reported with iron concentrations greater than the ecological screening value of 460 mg/kg.

Selenium was detected in five of 15 samples with concentrations ranging from 0.42 to 4.3 mg/kg. Of the five detections, one sediment samples were reported with selenium concentrations greater than the ecological screening value of 4.0 mg/kg.

TPH-diesel was detected in 14 of 15 samples with concentrations ranging from 1.5 to 45 mg/kg. Of the 14 detections, 13 sediment samples were reported with selenium concentrations greater than the ecological screening value of 1.7 mg/kg.

Zinc was detected in all 18 samples with concentrations that range from 48 and 310 mg/kg. Of the 18 detections, six sediment samples were reported with zinc concentrations greater than the ecological screening value of 140 mg/kg.

A discussion of the ecological risk considerations associated with this result is presented in Chapter M4.

M3.6 Data Evaluation Summary

A range of inorganic contaminants and one pesticide were detected in near-river groundwater samples collected from the 300-FF-5 OU. In many cases, these contaminants also could be detected in aquifer tube, porewater, spring/seep, and surface water samples. In most cases, the analytical results that were most relevant to assessing aquatic water quality (i.e., from filtered analyses) were at concentrations below aquatic criteria. In other cases where concentrations higher than aquatic criteria were observed, these

results were associated with analytical data quality issues such as presence of contamination in blank samples, or elevated detection limits relative to the criteria.

The analytical results addressed in this evaluation did not provide evidence that contaminants from Hanford Site soils or groundwater or associated with Hanford Site operations evaluated in this appendix have potentially been discharged to riparian or nearshore media, or to the Columbia River. A more detailed discussion of potential ecological risks in the context of abiotic and biotic media evaluations and potential contributions to these risks from the Hanford Site is presented in Chapter M4.

M4 Summary of Ecological Risks

Ecological risks in riparian and nearshore areas were assessed as part of the RCBRA (RCBRA Report [DOE/RL-2007-21]). A study by PNNL, also presented the results and evaluation of radiological and chemical concentrations measured in the nearshore environment adjacent to the 300 Area (*Survey of Radiological and Chemical Contaminants in the Near-Shore Environment at the Hanford Site 300 Area* [PNNL-13692], Rev. 1). The risk evaluation in this appendix incorporates the results from the assessment of ecological risks in the riparian and nearshore areas based on the data evaluation and calculations performed in the RCBRA. The risk evaluation it discusses the *Survey of Radiological and Chemical Contaminants in the Near-Shore Environment at the Hanford Site 300 Area* (PNNL-13692), as appropriate.

The RCBRA evaluated risks to an array of assessment endpoints using multiple measures of exposure, effect, and ecosystem/receptor characteristics at representative nearshore study sites. The study sites were selected to represent locations that may be adjacent to or directly affected by known contaminated media (groundwater seeps and springs, soil, sediment).

M4.1 Risks to Terrestrial Plants

As shown in Table 5-61 of the RCBRA Report (DOE/RL-2007-21), Central Tendency Estimates (CTEs), some COPECs in riparian soil collected across the Hanford Reach (i.e., estimate of central tendency across both the 100 and 300 Areas) exceed literature-based plant SSL concentrations (i.e., Tier 1 SSLs), indicating that effects in plants might occur. CTEs for arsenic, chromium, lead, vanadium, and zinc were greater than SSLs, suggesting a potential for adverse effects. In the 300 Area riparian study areas (5c and Rip 6), the COPECs that exceed the plant benchmark were arsenic, vanadium, and zinc. However, none of the concentrations of the COPECs detected in the 300 Area riparian study sites exceeded Hanford Site PRGs. Also, other lines of evidence obtained through seven different measures in bioassay testing indicate that COPECs may not adversely affect riparian plants, including those at the rare plant sites that performed better than bioassays from reference soils. Bioassays showed no significant differences in plant seed germination, root length, stem height, root biomass, or shoot biomass between riparian study sites and reference sites. Some COPECs were detected in plant tissues, but the concentrations of the COPECs were statistically different between riparian study area site concentrations and reference site concentrations for only four COPECs: barium, copper, thallium, and zinc (Table 5-32, RCBRA Report [DOE/RL-2007-21]). Similar to the upland plant data, COPEC concentrations found in riparian plant tissues did not correlate to those in riparian soil. Therefore, although soil concentrations are greater than plant SSLs for some COPECs, the weight attributed to this line of evidence is low and SSL hazard quotient (HQ) results do not overwhelm the conclusions of the other lines of evidence. While several analytes were detected in RCBRA plant tissue, and statistical differences between riparian study area sites and reference site concentrations were noted, there were no statistically significant relationships of COPEC concentrations in plant tissue to soil concentrations. Therefore, no COPECs are in 300 Area riparian soils that warrant further evaluation in the FS, based on risks to terrestrial plants.

M4.2 Risks to Aquatic Plants

Potential effects on aquatic plants were evaluated through results of a bioassay in sediment and comparison of sediment and porewater concentrations to SSLs (RCBRA Report [DOE/RL-2007-21], Tables 6-88 through 6-91). Based on the combined porewater and sediment concentrations the RCBRA identified cadmium, chromium, Cr(VI), manganese, and uranium as COPECs warranting further evaluation for potential effects on aquatic plants. For the River Corridor as a whole, sediment concentrations were greater than benchmarks for seven COPECs (antimony, barium, cadmium, chromium, manganese, selenium, and zinc), and this information suggests a potential for adverse effects. For the 300 Area nearshore sampling sites, five of these COPECs were detected in nearshore sediment at concentrations greater than the sediment biota SSL: antimony, cadmium, manganese, selenium, and zinc. These sediment COPECs are discussed in more detail below with risks to aquatic invertebrates. As shown in RCBRA Table 6-90, porewater concentrations across the Hanford Reach were greater than chronic water standards or criteria for the following COPECs: aluminum, cadmium, chromium, Cr(VI), and lead. For the 300 Area nearshore sampling sites (U1 through U10), the porewater concentrations of calculated total uranium and inorganic uranium exceeded the aquatic plant-based water benchmark at study site U4. Manganese concentrations in porewater exceeded the aquatic plant-based water SSL at one 300 Area study site (U1).

Laboratory bioassays (i.e., toxicity tests) were conducted with field-collected sediments. Some significant relationships were determined with observed response within aquatic plant toxicity tests in association with confounding factors and some COPECs. Additionally, there were clear measures of exposure (i.e., accumulation into plants), primarily for inorganic COPECs that were detected in porewater and sediment. However, of the significant relationships determined, none was with COPECs for which porewater concentrations were greater than aquatic plant benchmarks. Further, no risks to aquatic plants were noted based on toxicity testing. Though the analysis represents only one season of sampling and analysis, the weight of the available data does not suggest risk to aquatic plants.

Of the key plume contaminants in the 300 Area, total uranium and inorganic uranium had concentrations of ecological relevance in the nearshore environment (i.e., porewater concentrations above aquatic plant benchmarks). As shown in Table 6-43 of the RCBRA, statistical tests showed that the concentrations of uranium are not greater than reference porewater concentrations. However, as discussed previously, uranium concentrations in groundwater, seeps, aquifer tubes, and porewater exceed background. Likewise, the PNNL study in the 300 Area (*Survey of Radiological and Chemical Contaminants in the Near-Shore Environment at the Hanford Site 300 Area* [PNNL-13692]) noted uranium in groundwater, springs, and river water as the only contaminant with concentrations of interest. Other constituents in the PNNL study (arsenic, barium, Cs-137, chromium, I-129, selenium, Tc-99, thallium, tritium, and zinc) had concentrations above background samples from Vernita Bridge) but were below ambient water quality criteria or BCGs.

M4.3 Risks to Terrestrial Invertebrates

Concentrations of some COPECs in riparian soil exceeded literature-based SSLs protective of terrestrial invertebrates (i.e., SSLs); in the 300 Area riparian study area (Rip 6), concentrations of mercury and zinc were higher than the benchmark value for protection of terrestrial invertebrates (RCBRA Report [DOE/RL-2007-21], Tables 5-69 and 5-70). However, none of the concentrations exceeds Hanford Site-specific PRGs. Terrestrial invertebrate tissue concentrations, which provide an indication of contaminant uptake and bioavailability, were measured at River Corridor study sites and reference locations and some, but not all, COPECs were detected in terrestrial invertebrates. Statistical differences were found between RCBRA terrestrial invertebrate tissue concentrations for certain COPECs between

study sites and reference sites. However, this line of evidence was ranked low because of the lack of detections in invertebrate tissue riparian COPECs and the possibility of bias due to sample collection methods. Statistical differences in tissue concentrations of mercury and zinc in terrestrial invertebrates were noted between River Corridor and reference study sites; this relationship is based on data across the entire River Corridor, and should not be inferred as a relationship that is specific for the 300 Area. However, there is insufficient evidence for COPECs in general of a correlation between tissue concentrations in terrestrial invertebrates and concentrations in soil (RCBRA Report [DOE/RL-2007-21]). Based on this analysis, there are no COPECs in riparian soil for terrestrial invertebrates warranting further evaluation in the FS based on risks to terrestrial invertebrates.

M4.4 Risks to Aquatic Invertebrates

The primary lines of evidence used to evaluate risks to aquatic invertebrates are field surveys, the results of bioassays, and comparison of sediment and water concentrations to SSLs.

M1.1.1 Abiotic Media Concentrations Compared to Literature Values

For the River Corridor as a whole, sediment concentrations were greater than ESLs for seven COPECs (antimony, barium, cadmium, chromium, manganese, selenium, and zinc), and this information suggests a potential for adverse effects (RCBRA Report (DOE/RL-2007-21), Table 6-88). For the 300 Area nearshore sediment sampling sites, concentrations were greater than ESLs for 10 COECs (antimony, beta-BHC, bis[2-ethylhexyl] phthalate, cadmium, endosulfan I, iron, manganese, selenium, TPH-diesel, and zinc). The PNNL study in the 300 Area (*Survey of Radiological and Chemical Contaminants in the Near-Shore Environment at the Hanford Site 300 Area* [PNNL-13692]) noted Sr-90, Cs-137, and uranium above background but as shown in Table M-41 concentrations from the RCBRA data set were below SSLs. Metals concentrations in the PNNL study were reported as similar to or lower than sediment from Vernita Bridge. Porewater concentrations at study sites across the Hanford Reach were greater than chronic water standards or criteria for five COPECs (aluminum, cadmium, chromium, Cr(VI), and lead: RCBRA Report [DOE/RL-2007-21], Table 6-90). However, there are significant uncertainties relative to any of the conclusions based on porewater sampling. Further, all of these abiotic measurements represent a single point measurement within a dynamic river system with daily and seasonal fluctuations and flow volumes that can shift the composition of the substrates that were sampled. Thus, exceedances should not be ignored. The interpretation of porewater results as an indication of adverse affects to aquatic invertebrates is the same as that for aquatic plants, given that the ESLs are protective of both plants and aquatic invertebrates. For the 300 Area nearshore sampling sites (U1 through U10), the porewater concentration of calculated total uranium and inorganic uranium exceeded the aquatic invertebrate-based water benchmark at study site U4 (RCBRA Report [DOE/RL-2007-21], Table 6-91). Uranium in aquifer tube samples (14 of 21) and unfiltered groundwater (301 of 379) exceeded background (Tables M-8 and M-9). Total uranium and inorganic uranium in groundwater in the 300 Area, which represents a potential source for porewater concentrations that exceed water quality criteria, warrants further evaluation in the FS.

Given the uncertainty with representativeness mentioned above, a more detailed discussion of each of these 11 COECs in 300 Area nearshore sediment is presented below.

Antimony—Antimony was detected in 2 of 17 samples within the 300 Area nearshore sediments. Both detected concentrations exceed the ESL. The two detected concentrations of antimony were reported at the 300 Area DR Springs 42-2 sample site, and the RCBRA reports that there were no detections of antimony in the RCBRA nearshore study sites in the 300 Area. None of the detected concentrations of antimony in filtered samples from the 300 Area seeps/porewater analysis was above background concentrations for groundwater at the Hanford Site. Table 5-29 of the RCBRA indicates that antimony

concentrations across the Hanford Site riparian soils were not statistically different from riparian reference soil concentrations. Therefore, the 300 Area is not the source of antimony because no environmentally relevant concentrations of antimony are in RCBRA nearshore sediments, no detections of antimony are in 300 Area riparian soils, and riparian study site concentrations are not greater than reference sediment concentrations for antimony. There is no complete or significant pathway for observed antimony concentrations in sediment from the 300 Area riparian study area.

Beta-BHC—Beta-BHC was detected in 2 of 15 samples within the 300 Area nearshore sediments. One of the detected concentrations exceeded the ESL. Table 5-29 of the RCBRA indicates that beta-BHC concentrations across the Hanford Site riparian soils are not greater than riparian reference soil concentrations. The only detected concentration of beta-BHC in riparian soils in the 300 Area was a detection of 1 µg/kg at study site Rip 5c. This concentration was lower than the beta-BHC concentration detected at the adjacent nearshore sediment site (5c Aq) of 2 µg/kg and the other detected concentration of beta-BHC in the 300 Area nearshore study sites (5g Aq) of 8 µg/kg. Beta-BHC was not detected in any groundwater, seep/porewater, or surface water samples at 300 Area study site locations. Table 6-40 of the RCBRA Report (DOE/RL-2007-21) indicates that the detected nearshore sediment study site concentrations are not greater than reference sediment concentrations. Therefore, the 300 Area is not the source of beta-BHC because riparian soil concentrations are less than nearshore sediment concentrations and concentrations for both riparian soils and nearshore sediments are not greater than site reference sediment concentrations. There is no complete or significant pathway for observed beta-BHC concentrations in sediment from the 300 Area riparian area.

Bis(2-ethylhexyl) phthalate—Bis(2-ethylhexyl) phthalate was detected in 14 of 15 samples within the 300 Area nearshore sediments. Two of these detected concentrations exceeded the ESL of 230 µg/kg from *Development of Freshwater Sediment Quality Values for Use in Washington State. Phase II Report: Development and Recommendation of SQVs for Freshwater Sediments in Washington State* (Michelson, 2003). However, the same author has produced a draft report (*Development of Benthic SQVs for Freshwater Sediments in Washington, Oregon, and Idaho* (Michelson, 2010) updating sediment values for the states of Washington, Oregon, and Idaho with a screening threshold of 500 µg/kg and cleanup standard of 22,000 µg/kg, well above the maximum detect in the 300 Area nearshore sediments of 350 µg/kg. Table 5-29 of the RCBRA Report (DOE/RL-2007-21) indicates that bis(2-ethylhexyl) phthalate concentrations across the Hanford Site riparian soils are greater than riparian reference soil concentrations. For the 300 Area riparian soil samples collected at riparian study sites Rip 6 and 5c, detected concentrations of bis(2-ethylhexyl) phthalate (0.047 to 0.096 mg/kg) were lower than the maximum sediment reference concentration (0.45 mg/kg, nondetect) presented in Table 6-40 of the RCBRA Report (DOE/RL-2007-21). These concentrations were also lower than the maximum detected concentration at the 300 Area study sites (0.35 mg/kg at 300 Area nearshore study site 5c Aq), suggesting the riparian soils are less likely to be the source. While porewater analysis was conducted for bis(2-ethylhexyl) phthalate, no state of Washington surface water screening level or background concentrations in groundwater were available. However, this is a common laboratory contaminant the Hazardous Substance Data Bank (2009) reports bis(2-ethyl-hexyl) phthalate in groundwater biodegraded in 60 to 70 hours and organic carbon partition coefficient (K_{oc}) values ranging from 87,420 to 510,000 indicate bis(2-ethylhexyl) phthalate will be immobile. The state of Texas is one that has developed statewide screening value for bis(2-ethylhexyl) phthalate in water of 7 µg/L (RG-263) and some groundwater and porewater samples did exceed this value, however, as suggested by the K_{oc}, measures in surface water samples (maximum of 4 µg/L shown in Table L-12) did not exceed the Texas threshold. Table 6-40 of the RCBRA Report (DOE/RL-2007-21) indicates that the detected study site concentrations are not greater than reference sediment concentrations. Therefore, the 300 Area is not the source of bis(2-ethylhexyl) phthalate as riparian soil concentrations are not greater than 300 Area nearshore

sediment concentrations and site reference sediment concentrations. There is no complete or significant pathway for observed bis(2-ethylhexyl) phthalate concentrations in sediment from the 300 Area riparian study area.

Cadmium—Cadmium was detected in 17 of 18 samples within the 300 Area nearshore sediments. Five of these detected concentrations exceeded the ESL. Table 5-29 of the RCBRA indicates that cadmium concentrations across the Hanford Site riparian soils are greater than riparian reference soil concentrations. For the 300 Area riparian soil samples collected at riparian study sites Rip 6 and 5c, detected concentrations of cadmium (0.78 to 1.3 mg/kg) were lower than the maximum sediment reference concentration (2.2 mg/kg) presented in Table 6-40 of the RCBRA Report (DOE/RL-2007-21). These concentrations were also lower than the maximum detected concentration at the 300 Area study sites (2.4 mg/kg at 300 Area nearshore study site U10). As previously described in Chapter M3, exceedances of ambient water quality criteria in groundwater and aquifer tubes were anomalous (1 of 143 unfiltered groundwater samples and 1 of 98 filtered aquifer tube samples) and cadmium was not detected in porewater samples. These media do not represent a significant contribution to observed sediment concentrations in the Columbia River. Table 6-40 of the RCBRA Report (DOE/RL-2007-21) indicates that the detected nearshore sediment study site concentrations are not greater than reference sediment concentrations. Therefore, the 300 Area is not the source of cadmium as riparian soil concentrations are not greater than 300 Area nearshore sediment concentrations and site reference sediment concentrations and there is no clear link to riparian area soils or groundwater. There is no complete or significant pathway for observed cadmium concentrations in sediment from the 300 Area riparian area.

Endosulfan I—Endosulfan I was detected in 3 of 15 samples within the 300 Area nearshore sediments. All three of the detected concentrations exceeded the ESL. Table 5-29 of the RCBRA Report (DOE/RL-2007-21) indicates that endosulfan I concentrations across the Hanford Site riparian soils are not greater than riparian reference soil concentrations. For the 300 Area riparian soil samples collected at riparian study sites Rip 6 and 5c, the highest detected concentrations of endosulfan I (0.0046 mg/kg) were higher than the maximum sediment reference concentration (0.0027 mg/kg) presented in Table 6-40 of the RCBRA Report (DOE/RL-2007-21). These concentrations were also higher than the maximum detected concentration at the 300 Area study sites (0.0038 mg/kg at 300 Area nearshore study site U9). Table 6-40 of the RCBRA Report (DOE/RL-2007-21) indicates that the detected nearshore sediment study site concentrations are not greater than reference sediment concentrations. The RCBRA Report (DOE/RL-2007-21) concluded Hanford Site nearshore sediments were not statistically different from reference sediment concentrations. Further, the value used as an ESL, a value published by the Dutch Ministry of Housing, Spatial Planning, and the Environment, is not specifically derived based on toxicity to species of the northwest and is only appropriate in this case for the purposes of screening. While the exact source of the endosulfan I is unclear, with no known Hanford Site operation use, and riparian concentrations not greater than reference, and no clear North American or pacific northwest ESL available, the exceedance does not warrant further consideration. There is no complete or significant pathway for observed endosulfan I concentrations in sediment from the 300 Area riparian area.

Iron – Iron was detected in 18 of 18 samples within the 300 Area nearshore sediments. Five of these detected concentrations exceeded the ESL. Table 5-29 of the RCBRA Report (DOE/RL-2007-21) indicates that iron concentrations across the Hanford Site riparian soils are not greater than riparian reference soil concentrations. For the 300 Area riparian soil samples collected at riparian study sites Rip 6 and 5c, detected concentrations of iron (22,400 to 26,600 mg/kg) were lower than the maximum detected concentration at the 300 Area nearshore study sites (29,400 mg/kg at 300 Area nearshore study site U2). Table 6-40 of the RCBRA Report (DOE/RL-2007-21) indicates that the detected nearshore sediment study site concentrations are not greater than reference sediment concentrations. Iron was detected in

eight of eight porewater samples and three of three seep samples collected from the 300 Area nearshore study sites, as well as groundwater and aquifer tube samples (Tables L-23 through L-26). Two of the detected concentrations of iron in the porewater samples and seep samples exceeded surface water criteria and groundwater background levels. However, all the iron analyses were conducted on unfiltered samples. Filtered groundwater and aquifer tube samples showed only anomalous exceedances of the final surface water cleanup numbers for iron (3 of 179 samples for groundwater and 1 of 90 aquifer tube samples). The 300 Area is not the source of iron because riparian soil concentrations are not greater than 300 Area nearshore sediment concentrations and site reference sediment concentrations and there is no clear link to riparian area soils or groundwater. There is no complete or significant pathway for observed iron concentrations in sediment from the 300 Area riparian area.

Manganese—Manganese was detected in 18 of 18 samples within the 300 Area nearshore sediments. Four of these detected concentrations exceeded the ESL. Table 5-29 of the RCBRA Report (DOE/RL-2007-21) indicates that manganese concentrations across the Hanford Site riparian soils are not greater than riparian reference soil concentrations. For the 300 Area riparian soil samples collected at riparian study sites Rip 6 and 5c, detected concentrations of manganese (207 to 418 mg/kg) were lower than the maximum sediment reference concentration (577 mg/kg) presented in Table 6-40 of the RCBRA Report (DOE/RL-2007-21). These concentrations were also lower than the maximum detected concentration at the 300 Area study sites (746 mg/kg at 300 Area nearshore study site U2), suggesting the riparian soils are less likely to be the source. Table 6-40 of the RCBRA Report (DOE/RL-2007-21) indicates that the detected study site concentrations are not greater than reference sediment concentrations. Manganese was detected in nine of nine porewater samples, seven of seven seep samples, 58 of 179 groundwater samples, and in 42 of 98 aquifer tube samples collected from the 300 Area nearshore study sites. Many of these samples were greater than the groundwater background concentrations of manganese. However, as shown in the RCBRA Report (DOE/RL-2007-21), Table 6-43, manganese concentrations in porewater were not determined to be greater than reference. The seep maximum detect in the 300 Area riparian/nearshore environment was 220 µg/L compared to the maximum porewater reference of 1,210 µg/L. The maximum porewater concentration of 1,640 µg/L in the 300 Area did exceed the maximum reference concentration, however all samples were unfiltered and the results of this analysis may be biased high by the presence of suspended solids in these samples. Since riparian soil concentrations are not greater than 300 Area nearshore sediment concentrations and site reference sediment concentrations for manganese, and the seeps and porewater samples were not different from reference, there is no complete or significant pathway for observed manganese concentrations in sediment from the 300 Area riparian soils or groundwater.

Selenium—Selenium was detected in 5 of 15 samples within the 300 Area nearshore sediments. Only one of these detected concentrations exceeded the ESL. Table 5-29 of the RCBRA Report (DOE/RL-2007-21) indicates that selenium concentrations across the Hanford Site riparian soils are not greater than riparian reference soil concentrations. For the 300 Area, selenium was not detected in riparian soil samples collected at 300 Area riparian study sites. Selenium was detected in eighteen of nineteen filtered groundwater samples, one of 15 porewater samples, 15 of 15 seep samples, and in the one aquifer tube sample collected from the nearshore study sites in the 300 Area. None of the detected concentrations of selenium in any of these samples exceeded surface water criteria or background groundwater concentrations. Table 6-40 of the RCBRA Report (DOE/RL-2007-21) indicates that the detected study site nearshore sediment sample concentrations are not greater than reference sediment concentrations for selenium. The source of selenium is not the 300 Area because nearshore sediment study site concentrations are not greater than reference sediment concentrations and there is no clear link to riparian area soils or groundwater. There is no complete or significant pathway for observed selenium concentrations in sediment from the 300 Area riparian area.

TPH-Diesel—TPH-diesel was detected in 14 of 15 samples within the 300 Area nearshore sediments. Thirteen of these detected concentrations exceeded the ESL. TPH-diesel was not analyzed in riparian soil samples. However, TPH motor oil was detected at upland sites. While no SSL or PRG was identified for the Hanford Site, concentrations detected are in the range that could result in adverse effects to terrestrial invertebrates. TPH-diesel was only detected in two of the 12 porewater samples collected from the 300 Area nearshore study sites with a maximum detect of 120 µg/L. Though there is no a state or federal surface water criterion or background groundwater concentration to put these data in context, the state of Massachusetts has published groundwater protection standards for the protection of discharges to surface water for TPH. Massachusetts standards for petroleum hydrocarbons are broken out by aliphatic and aromatic compounds and by ranges based on the number of carbon atoms in the basic molecule chain (MCP, 310 CMR 400). At 2,000 µg/L, the lowest of these thresholds is an order of magnitude greater than the maximum detect in the 300 Area of 120 µg/L. Table 6-40 of the RCBRA Report (DOE/RL-2007-21) indicates that the detected study site nearshore sediment sample concentrations are not greater than reference sediment concentrations for TPH-diesel. There were two samples detected at a greater concentration (45 mg/kg at 5H SED and 25 mg/kg at U9) than the upstream reference of 20 mg/kg. However, as shown in Figure M-5, neither of these samples is particularly close to any of the riparian area waste sites. The closest upstream site to 5-H SED is 600-15 but location 5G SED is closer yet yielded only 3.4 mg/kg of TPH-diesel. Likewise, location U9 is downstream of 300-15 but location U8 is downstream and even closer to the waste site but the measured concentration was 9.8 mg/kg, half that of the reference station. Given the patterns of distribution, the source of TPH-diesel is not the 300 Area riparian soils because the 300 Area nearshore sediment study site concentrations are not greater than reference sediment concentrations and there is no clear link to riparian area soils or groundwater. There is no complete or significant pathway for observed TPH-diesel concentrations in sediment from the 300 Area riparian area.

Zinc—Zinc was detected in 18 of 18 samples within the 300 Area nearshore sediments. Six of these detected concentrations exceed the ESL. Table 5-29 of the RCBRA indicates that zinc concentrations across the Hanford Site riparian soils are greater than riparian reference soil concentrations. For the 300 Area riparian soil samples collected at riparian study sites Rip 6 and 5c, detected concentrations of zinc (134 to 207 mg/kg) were lower than the maximum sediment reference concentration (358 mg/kg) presented in Table 6-40 of the RCBRA Report (DOE/RL-2007-21). These concentrations were also lower than the maximum detected concentration at the 300 Area nearshore sediment study sites (310 mg/kg at 300 Area nearshore study site U10), suggesting the riparian soils are less likely to be the source. Zinc concentrations in porewater, aquifer tube, and seep samples were measured in 300 Area nearshore samples using both filtered and unfiltered analysis. Groundwater only included unfiltered samples. There were a number of quality issues with these data. Discounting the data quality issues, there was one well (Well 399-3-20) with filtered concentrations that exceeded the cleanup level of 91 µg/L. The distribution of zinc that exceeded the sediment ESL was up and down the River from location 5H-SED to U-10. If the 300 Area groundwater, in particular well 399-3-20, were the source of the zinc, then a more obvious hotspot would be expected in the sediment. The source of the zinc concentrations in sediment is of less important because the sediment concentrations observed are not of significance. The ESL of 140 mg/kg represents a screening value from Michelson (2003). In the same document, the author presents cleanup value for zinc of 160 mg/kg. However, the same author has produced a draft report (Michelson, 2010) updating sediment values for the states of Washington, Oregon, and Idaho with a screening threshold of 3,200 mg/kg and cleanup goal of greater than 4,200 mg/kg, well above the maximum detect in the 300 Area nearshore sediments of 310 mg/kg. In addition, Table 6-40 of the RCBRA Report (DOE/RL-2007-21) indicates that the detected nearshore sediment sample concentrations are not greater than reference sediment concentrations for zinc. Given that the 300 Area riparian study site

concentrations are not greater than 300 Area nearshore sediment and reference sediment concentrations and that the concentrations are below draft screening and cleanup values for sediments in Washington, there is no complete or significant pathway for observed zinc concentrations in sediment from the 300 Area riparian area.

M1.1.2 Direct Toxicity Measures

Risks to aquatic macroinvertebrates based on toxicity testing showed some relationships with confounding factors and some COPECs. Histopathology measures differed in study sites compared to reference sites; these measures also showed some negative relationships with COPECs. Sediment bioassays for the 300 Area study sites showed no difference in growth or higher growth in amphipod (*hyalella azteca*) relative to 300 Area reference sites, and the survival at 300 Area study sites was higher than that for the 300 Area reference sites with the exception of study site U10. Likewise, survival and reproduction tests on water fleas in porewater showed no difference at four 300 Area sites (5c Aq, 5d Aq, U1, and U4) relative to reference sites. Correlation between abiotic media chemistry and any observed differences in measured effects from both bioassays was conducted across the whole Hanford Reach. Mercury was the only COPEC with a significant correlation that showed a potential negative effect with a significant regression; however, mercury was below sediment ESLs at the 300 Area study sites. Clams were also monitored for survival. There was a statistical decrease in survival at study sites compared to reference sites, but there was no correlation of clam survival with COPECs. Together these measures do not indicate substrate concentrations were toxic. However, they do represent only a snapshot in time and do not represent all seasonal conditions and river stage fluctuations.

M1.1.3 Community Structure Measures

Key community metrics do not suggest that contaminant-related impacts to benthic macroinvertebrates are evident in aquatic study sites as a group, as evident by the comparison of EPT data from study sites relative to reference sites. Most of the aquatic community measures did not differ between the study sites and reference sites. There were exceptions among the large number of aquatic community measures evaluated, but the agreement among measures was weak and the biological significance to populations is not evident.

M1.1.4 Measures of Exposure

Within the RCBRA, there were clear measures of exposure (accumulation), primarily for inorganic COPECs that were detected in water, sediment, and tissues. The PNNL study (*Survey of Radiological and Chemical Contaminants in the Near-Shore Environment at the Hanford Site 300 Area* [PNNL-13692]) also noted elevated levels of uranium, selenium, and chromium in clam tissues adjacent to the 300 Area relative to the Vernita Bridge background. However, as shown in the RCBRA Report (DOE/RL-2007-21), there were no statistically significant correlations between COPEC concentrations in porewater or sediment with tissues of aquatic organisms, indicating a lack of significant COPEC bioaccumulation. Further, no tissue effect levels for COPECs in invertebrate tissue were exceeded.

Most histopathology measures of clams and mussels showed no significant differences between study sites and reference. While, there were some exceptions, COPEC concentrations generally did not correlate with differences in histopathology measures. Histopathology results in the PNNL study supports these findings as there were no abnormal frequency of lesions in target tissues in crayfish and sculpin.

In the PNNL study (*Survey of Radiological and Chemical Contaminants in the Near-Shore Environment at the Hanford Site 300 Area* [PNNL-13692]), radiation dose estimates were conducted for aquatic and terrestrial organisms exposed to sediment and surface water with all sum of fractions being below 1 indicating no adverse effects are likely.

M1.1.5 Weight of Evidence

As stated previously, both the abiotic and biotic measures collected for the RCBRA represent only a snapshot in time and do not represent all seasonal conditions and river stage fluctuations. Abiotic measurements do exceed literature based screening values for some COPECs, and this line of evidence is generally given the lowest weight given the lack of site-specificity in the literature-based values. Though biological measures give a different perspective than the chemistry, given the limited data set and the uncertainty with full representation of seasonal measurements, the results of the chemistry cannot be ignored.

Of the key plume contaminants investigated, only uranium had concentrations of ecological relevance in the nearshore environment for the 300 Area. As porewater concentrations of uranium were higher than chronic water quality standards or criteria, this COPEC in groundwater in the 300 Area warrants further evaluation in the FS. This conclusion is applicable to both aquatic invertebrates and amphibians.

M4.5 Risk to Mammals

For riparian soils, field ecological measures of the small mammal community were developed as qualitative information on the status of these populations. Estimated dietary contaminant exposures and biological concentrations in bird or small mammal tissues are compared to ecological effects levels established for dietary ingestion or related to tissue residues. For selected COPECs (cadmium, chromium, lead, selenium, and PCBs), measured tissue concentrations in small mammals trapped in study sites were not greater than reference areas (RCBRA Table 5-48), and were less than available tissue effect levels (RCBRA Volume 1, page 5-91). Dietary exposure to terrestrial birds and mammals estimated using wildlife exposure models, estimated for riparian concentrations across the River Corridor indicated potential exposure higher than lowest observed adverse effect level (LOAEL)-based SSL values for copper, selenium, vanadium, and zinc. Based on RCBRA exposure data for the 300 Area (RCBRA riparian stations 5c and Rip 6), CTE no observed adverse effect level HQs were >1 for the kingbird for copper and vanadium and for pocket mouse and deer mouse for selenium, and CTE LOAEL HQ was >1 for kingbird for vanadium and for the pocket mouse for selenium. However, concentrations of copper and vanadium in riparian soils in the 300 Area fall within Hanford Sitewide background or area background concentrations, and therefore should not warrant further evaluation in the FS. Selenium was only identified as a potential COPEC based on results from the riparian study site 5c, which is located more than 8 km (5 mi) upriver from the 300 Area. There is significant uncertainty concerning the conclusions regarding the soil concentrations found at this study area and exposure and risk that is occurring within the 300 Area. PRGs for wildlife exposure to copper and vanadium developed in this chapter were compared with the highest copper and vanadium concentrations in 300 Area riparian soil. The results from this comparison show that copper concentrations fall below the PRG, while vanadium slightly exceeds the most conservative of the PRGs (HQ=1.3) for the killdeer. Vanadium concentrations in 300 Area riparian soils were below the other seven wildlife PRGs. Therefore, this analysis further supports the conclusion that neither copper nor vanadium concentrations in riparian soil warrant further evaluation in the FS, based on risks to wildlife.

Most concentrations detected in riparian soils within the 300 Area fell below Tier 1 ESLs (in this case, specifically the SSLs described earlier) and all but one were below PRGs, and do not warrant further evaluation in the FS.

Within the RCBRA, information on dietary contaminant exposures were also compared to ecological effects levels for diet to assess risks to birds or mammals potentially exposed to contaminants in nearshore sediments, biota, and water. Only chromium was considered a final COEC. However, the single study site with which this risk was associated is not within the 300 Area nearshore environment.

M4.6 Risk to Fish

Porewater concentrations at study sites across the Hanford Reach were greater than the water standards or criteria for five COPECs (aluminum, cadmium, chromium, Cr(VI), and lead: RCBRA Report [DOE/RL-2007-21], Table 6-90). However, most other lines of evidence suggest that there is no unacceptable risk to fish in the Columbia River. In general across the River Corridor, fish were smaller (in length and mass) at study sites relative to reference sites. There were no strong trends in fish histopathological observations between those collected at study sites and those from reference site locations. No tissue COPECs were correlated with histopathological endpoints associated with adverse effects at study sites. No exceedances of tissue effects levels for nearshore aquatic COPECs were measured in fish tissue. In addition, evidence of greater contaminant uptake in fish from study sites was not apparent for most COPECs and tissues. For the 300 Area nearshore sampling sites (U1 through U10), only manganese in porewater exceeded the fish surface water ESL of 655 µg/L (RCBRA Report [DOE/RL-2007-21], Table 6-91). However, RCBRA Report (DOE/RL-2007-21), Table 6-43, shows that manganese in porewater is not greater than reference and the maximum detected concentration in groundwater is 133 µg/L (Table M-8) while the maximum overlying surface water concentration was 28 µg/L. Therefore, manganese in groundwater (which represents a potential source for porewater concentrations that exceed surface water criteria or fish surface water SSLs) does not warrant further evaluation in the FS.

For the 300 Area, uranium in groundwater, which represents a potential source for porewater concentrations that exceed background, warrants further evaluation in the FS. Uranium concentrations in multiple nearshore wells and aquifer tubes exceed background suggesting an ongoing source. Other COPECs detected in porewater above ambient water criteria do not appear to be issues in groundwater or aquifer tubes suggesting that 300 Area is not the source of observed elevated concentrations.

M5 Conclusions

The purpose for preparing this CSM was to address, on a reactor decision area basis, the potential for Hanford Site contaminants in soil or groundwater to migrate to riparian or nearshore areas at concentrations that could be of concern for ecological receptors. This CSM supplements the analysis of River Corridor-wide ecological risks presented in the ecological risk assessment of the RCBRA Report (DOE/RL-2007-21). The RCBRA Report (DOE/RL-2007-21) identified on a site-wide basis some COECs that warranted further evaluation. Based on the results of the further evaluation contained in this CSM, with the exception of uranium, detected concentrations of contaminants in riparian or nearshore groundwater, seeps, aquifer tubes, and porewater are not reliably detectable at levels of ecological concern, or are not associated with contaminated groundwater resulting from Hanford Site operations. For purposes of alternatives evaluation in the 300 Area FS, uranium in groundwater should be considered the only COEC.

There are uncertainties in this evaluation related to analytical data quality. With the exception of most recently collected analytical data in groundwater, analytical methods had MDLs that were close to or higher than aquatic criteria; when methods with adequate detection limits are used, the results show that contaminant concentrations are less than aquatic criteria. In many cases where analytical results were higher than aquatic criteria, it was determined that the results were based on unfiltered samples. Unfiltered analytical results are inappropriate for comparison with aquatic criteria; in general, filtered analytical results were less than aquatic criteria. In some cases where concentrations were reported higher than aquatic criteria, further evaluation of the data revealed it was qualified because of the presence of blank contamination. The analytical detection limit considerations and data quality issues further support

the conclusion that contaminants concentrations in water were not reliably detected above levels of ecological significance.

M6 References

CHPRC-00784, 2011, *Tier 1 Risk-Based Soil Concentrations Protective of Ecological Receptors at the Hanford Site*. Prepared for the U.S. Department of Energy under Contract DE-AC06-08RL14788 by CH2M HILL Plateau Remediation Company. May 2011.

CHPRC-01311, 2011, *Tier 2 Risk-Based Soil Concentrations Protective of Ecological Receptors at the Hanford Site*. Prepared for the U.S. Department of Energy under Contract DE-AC06-08RL14788 by CH2M HILL Plateau Remediation Company. August 2011.

DOE/RL-96-17, 2009, *Remedial Design Report/Remedial Action Work Plan for the 100 Area, Rev. 6*, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

DOE/RL-2004-37, 2005, *Risk Assessment Work Plan for the 100 Area and 300 Area Component of the RCBRA, Rev 2*, U.S. Department of Energy, Richland Operations, Richland, Washington.

DOE/RL-2005-42, 2006, *100 Area and 300 Area Component of the RCBRA Sampling and Analysis Plan, Rev. 1*, U.S. Department of Energy, Richland Operations, Richland, Washington.

DOE/RL-2007-21, 2007, *Risk Assessment Report for the 100 Area and 300 Area Component of the River Corridor Baseline Risk Assessment, Rev. 0*, U.S. Department of Energy, Richland Operations, Richland, Washington.

DOE/RL-2000-30, 2009, *300 Area Remedial Investigation/Feasibility Study Work Plan for the 300-FF-1, 300-FF-2, and 300-FF-5 Operable Units, Rev. 0.* U.S. Department of Energy, Richland Operations, Richland, Washington.

EPA, 1996, *Declaration of the Record of Decision for the 300-FF-1 and 300-FF-5 Operable Units, Hanford Site, Benton County*, Washington. U.S. Environmental Protection Agency, Region 10, Seattle, Washington.

EPA, 2001,*Declaration of the Record of Decision for the 300-FF-2 Operable Unit, Hanford Site, Benton County*, U.S. Environmental Protection Agency, Region 10, Seattle, Washington.

Hazardous Substance Data Bank, 2009, Toxicological Profile for Bis(2-ethylhexyl) phthalate, U.S. National Library of Medicine, National Institutes of Health,

Department of Health & Human Services, last updated August 20, 2009

McCormack WD and JMV Carlile. 1984. *Investigation of Groundwater Seepage from the Hanford Shoreline of the Columbia River*. PNL-5289, Pacific Northwest Laboratory, Richland, Washington.

Michelsen. T. 2003. *Development of Freshwater Sediment Quality Values for Use in Washington State. Phase II Report: Development and Recommendation of SQVs for Freshwater Sediments in Washington State*. Publication No. 03-09-088.

Michelson, T., 2010, *Development of Benthic SQVs for Freshwater Sediments in Washington, Oregon, and Idaho*. Prepared for the Washington Department of Ecology and Oregon Department of Environmental Quality.

Peterson RE and VG Johnson. 1992. *Riverbank Seepage of Groundwater Along the Hanford Reach of the Columbia River, Washington.* WHC-EP-0609, Westinghouse Hanford Company, Richland, Washington.

PNNL-13674, 2001, *Zone of Interaction Between Hanford Site Groundwater and Adjacent Columbia River*, Pacific Northwest National Laboratory, Richland, Washington.

PNNL-13692, Rev. 1, 2003, *Survey of Radiological and Chemical Contaminants in the Near-Shore Environment at the Hanford Site 300 Area*. Pacific Northwest National Laboratory, Richland, Washington.

PNNL-16435, 2007. *Limited Field Investigation Report for Uranium Contamination in the 300-FF-5 Operable Unit at the 300 Area, Hanford Site*, Washington. Pacific Northwest National Laboratory, Richland, Washington.

PNNL-17031, 2007, *A Site-Wide Perspective on Uranium Geochemistry at the Hanford Site*, Pacific Northwest National Laboratory, Richland, Washington.

PNNL-19455, 2010, *Hanford Site Environmental Report for Calendar Year 2009*, Pacific Northwest National Laboratory, Richland, Washington.

PNNL-SA-41467, 2004, *Literature Review of Environmental Documents in Support of the 100 and 300 Area River Corridor Baseline Risk Assessment*, Pacific Northwest National Laboratory, Richland, Washington.

RG-263, 2003,*Guidance for Conducting Ecological Risk Assessments at Remediation Sites in Texas*, Texas Natural Resource Conservation Commission. Revised August 2003

State of Massachusetts, 310 CMR 40.0974(2): TABLE 1, MCP Method 1 GROUNDWATER STANDARDS, http://www.mass.gov/dep/cleanup/laws/0974_2.htm

SGW-39305, 2008, *Technical Evaluation of the Interaction of Groundwater with Columbia River at the Department of Energy Hanford Site, 100-D Area, Rev. 0*, prepared by AMEC/Geomatrix for Fluor-Hanford Company, Richland, Washington.

Weiss SG. 1993. *100 Area Columbia River Sediment Sampling.* WHC-SD-EN-TI-198, Rev. 0, prepared by IT Corporation for Westinghouse Hanford Company, Richland, Washington.

Table M-1. Summary of Near Shore Wells and Aquifer Tubes for the 300-FF-5 Groundwater Operable Unit

Near Shore Wells			
399-1-1	399-1-54	399-2-2	399-3-9
399-1-10A	399-1-57	399-3-1	399-4-10
399-1-10B	399-1-6	399-3-10	399-4-7
399-1-16A	399-1-8	399-3-18	399-4-9
399-1-16B	399-2-1	399-3-33	
Aquifer Tubes			
103mArray-AT3A	300SPR9A-19cm	AT-3-6-D	C6350
103mArray-DS25	300SPR9A-86cm	AT-3-6-M	C6351
103mArray-DS50	AT-3-1-D(1)	AT-3-6-S	C6362
103mArray-DS75	AT-3-1-M	AT-3-7-D	C6365
103mArray-US100	AT-3-1-S	AT-3-7-M	C6368
103mArray-US125	AT-3-2-M	AT-3-7-S	C6371
103mArray-US25	AT-3-2-S	AT-3-8-M	C6374
103mArray-US50	AT-3-3-D	AT-3-8-S	C6375
103mArray-US75	AT-3-3-M	C6341	C6378
300-3-3A-124cm	AT-3-3-S	C6342	C6380
300-3-3A-579cm	AT-3-4-D	C6343	C6383
300-3-3B-376cm	AT-3-4-M	C6344	C6384
300-3-3B-518cm	AT-3-4-S	C6347	DS75-100cm
300-3-3C-409cm	AT-3-5-S	C6348	DS75-319cm
300SPR9A-142cm			

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Table M-2. Summary of Ecological Screening Values for Surface Water

CAS #	Analyte Name	Alternate Analyte Name	Units	National Recommended Water Quality Criteria[a]		40 CFR 131 Water Quality Standards[b]		WAC 173-201A[c]	DOE-STD-1153-2002[d]	Final Surface Water Cleanup Level	Final Surface Water Cleanup Level Basis
				Freshwater CMC (Acute)	Freshwater CCC (Chronic)	Freshwater CMC (Acute)	Freshwater CCC (Chronic)	Water Quality Standards for Surface Waters of WA	RESRAD Biota Calculator - Level 1		
630-20-6	1,1,1,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--
71-55-6	1,1,1-Trichloroethane	Trichloroethane;1,1,1-	--	--	--	--	--	--	--	--	--
79-34-5	1,1,2,2-Tetrachloroethane	tetrachloroethane;1,1,2,2-	--	--	--	--	--	--	--	--	--
79-00-5	1,1,2-Trichloroethane	trichloroethane;1,1,2-	--	--	--	--	--	--	--	--	--
75-34-3	1,1-Dichloroethane	dichloroethane;1,1-	--	--	--	--	--	--	--	--	--
75-35-4	1,1-Dichloroethene	Dichloroethene;1,1-	--	--	--	--	--	--	--	--	--
96-18-4	1,2,3-Trichloropropane	--	--	--	--	--	--	--	--	--	--
120-82-1	1,2,4-Trichlorobenzene	trichlorobenzene;1,2,4-	--	--	--	--	--	--	--	--	--
95-63-6	1,2,4-Trimethylbenzene	--	--	--	--	--	--	--	--	--	--
96-12-8	1,2-Dibromo-3-chloropropane	--	--	--	--	--	--	--	--	--	--
106-93-4	1,2-Dibromoethane	--	--	--	--	--	--	--	--	--	--
95-50-1	1,2-Dichlorobenzene	dichlorobenzene;1,2- (ortho-Dichlorobenzene)	--	--	--	--	--	--	--	--	--
107-06-2	1,2-Dichloroethane	dichloroethane;1,2-	--	--	--	--	--	--	--	--	--
540-59-0	1,2-Dichloroethene (Total)	dichloroethylene,1,2- (mixed isomers)	--	--	--	--	--	--	--	--	--
78-87-5	1,2-Dichloropropane	dichloropropane;1,2-	--	--	--	--	--	--	--	--	--
541-73-1	1,3-Dichlorobenzene	dichlorobenzene;1,3	--	--	--	--	--	--	--	--	--
106-46-7	1,4-Dichlorobenzene	dichlorobenzene;1,4- (para-Dichlorobenzene)	--	--	--	--	--	--	--	--	--
123-91-1	1,4-Dioxane	--	--	--	--	--	--	--	--	--	--
71-36-3	1-Butanol	--	--	--	--	--	--	--	--	--	--
93-76-5	2,4,5-T(2,4,5-Trichlorophenoxyacetic acid)	Trichlorophenoxyacetic Acid, 2,4,5-	--	--	--	--	--	--	--	--	--
93-72-1	2,4,5-TP(2-(2,4,5-Trichlorophenoxy)propionic acid)Silvex	Trichlorophenoxypropionic acid, -2,4,5	--	--	--	--	--	--	--	--	--
95-95-4	2,4,5-Trichlorophenol	Trichlorophenol;2,4,5-	--	--	--	--	--	--	--	--	--
88-06-2	2,4,6-Trichlorophenol	Trichlorophenol2,4,6-	--	--	--	--	--	--	--	--	--
94-82-6	2,4-DB(4-(2,4-Dichlorophenoxy)butanoic acid)	Dichlorophenoxy)butyric Acid, 4-(2,4-	--	--	--	--	--	--	--	--	--
120-83-2	2,4-Dichlorophenol	dichlorophenol;2,4-	--	--	--	--	--	--	--	--	--
94-75-7	2,4-Dichlorophenoxyacetic acid	Dichlorophenoxy Acetic Acid, 2,4-	--	--	--	--	--	--	--	--	--
105-67-9	2,4-Dimethylphenol	dimethylphenol;2,4-	--	--	--	--	--	--	--	--	--
51-28-5	2,4-Dinitrophenol	dinitrophenol;2,4-	--	--	--	--	--	--	--	--	--
121-14-2	2,4-Dinitrotoluene	dinitrotoluene;2,4-	--	--	--	--	--	--	--	--	--
606-20-2	2,6-Dinitrotoluene	dinitrotoluene;2,6-	--	--	--	--	--	--	--	--	--
78-93-3	2-Butanone	methyl ethyl ketone (MEK; 2-butanone)	--	--	--	--	--	--	--	--	--
91-58-7	2-Chloronaphthalene	beta-chloronaphthalene	--	--	--	--	--	--	--	--	--
95-57-8	2-Chlorophenol	Chlorophenol;2-	--	--	--	--	--	--	--	--	--
591-78-6	2-Hexanone	HEXANONE;2- [MBK, methyl butyl ketone]	--	--	--	--	--	--	--	--	--
91-57-6	2-Methylnaphthalene	methylnapthalene;2-	--	--	--	--	--	--	--	--	--
95-48-7	2-Methylphenol (cresol, o-)	cresol;o-	--	--	--	--	--	--	--	--	--
88-74-4	2-Nitroaniline	nitroaniline, 2-	--	--	--	--	--	--	--	--	--
88-75-5	2-Nitrophenol	nitrophenol;2-	--	--	--	--	--	--	--	--	--
91-94-1	3,3'-Dichlorobenzidine	dichlorobenzidine;3,3'-	--	--	--	--	--	--	--	--	--
65794-96-9	3+4 Methylphenol (cresol, m+p)	methylphenol,3+4 (cresol, m+p)	--	--	--	--	--	--	--	--	--
99-09-2	3-Nitroaniline	nitroaniline, 3-	--	--	--	--	--	--	--	--	--
72-54-8	4,4'-DDD (Dichlorodiphenyldichloroethane)	ddd	--	--	--	--	--	--	--	--	--
72-55-9	4,4'-DDE (Dichlorodiphenyldichloroethylene)	dde	--	--	--	--	--	--	--	--	--
50-29-3	4,4'-DDT (Dichlorodiphenyltrichloroethane)	ddt	µg/L	1.1	0.0010	1.1	0.0010	0.0010	--	0.0010	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
534-52-1	4,6-Dinitro-2-methylphenol	dinitro-2-methylphenol;4,6-	--	--	--	--	--	--	--	--	--
101-55-3	4-Bromophenylphenyl ether	bromodiphenyl ether;4-	--	--	--	--	--	--	--	--	--
59-50-7	4-Chloro-3-methylphenol	chloro-3-methylphenol;4-	--	--	--	--	--	--	--	--	--
106-47-8	4-Chloroaniline	chloroaniline;p-	--	--	--	--	--	--	--	--	--

Table M-2. Summary of Ecological Screening Values for Surface Water

CAS #	Analyte Name	Alternate Analyte Name	Units	National Recommended Water Quality Criteria[a]		40 CFR 131 Water Quality Standards[b]		WAC 173-201A[c]	DOE-STD-1153-2002[d]	Final Surface Water Cleanup Level	Final Surface Water Cleanup Level Basis
				Freshwater CMC (Acute)	Freshwater CCC (Chronic)	Freshwater CMC (Acute)	Freshwater CCC (Chronic)	Water Quality Standards for Surface Waters of WA	RESRAD Biota Calculator - Level 1		
7005-72-3	4-Chlorophenylphenyl ether	chlorodiphenyl ether;4-	--	--	--	--	--	--	--	--	--
108-10-1	4-Methyl-2-pentanone	methyl isobutyl ketone	--	--	--	--	--	--	--	--	--
106-44-5	4-Methylphenol (cresol, p-)	cresol;p-	--	--	--	--	--	--	--	--	--
100-01-6	4-Nitroaniline	nitroaniline, 4-	--	--	--	--	--	--	--	--	--
100-02-7	4-Nitrophenol	nitrophenol;4-	--	--	--	--	--	--	--	--	--
83-32-9	Acenaphthene	acenaphthene	--	--	--	--	--	--	--	--	--
208-96-8	Acenaphthylene	acenaphthylene (Not in CLARC database tables; use acenaphthene as surrogate)	--	--	--	--	--	--	--	--	--
67-64-1	Acetone	Acetone	--	--	--	--	--	--	--	--	--
75-05-8	Acetonitrile	--	--	--	--	--	--	--	--	--	--
107-02-8	Acrolein	--	µg/L	3.0	3.0	--	--	--	--	3.0	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
14331-83-0	Actinium-228	--	--	--	--	--	--	--	--	--	--
309-00-2	Aldrin	aldrin	µg/L	3.0	--	3.0		0.0019	--	0.0019	WAC 173-201A-Water Quality Standards for Surface Waters of WA
ALKALINITY	Alkalinity	--	--	--	--	--	--	--	--	--	--
107-05-1	Allyl chloride	--	--	--	--	--	--	--	--	--	--
319-84-6	Alpha-BHC	hexachlorocyclohexane;alpha (alpha-BHC, HCH)	--	--	--	--	--	--	--	--	--
5103-71-9	Alpha-Chlordane	Alpha-Chlordane	µg/L	2.4	0.0043	2.4	0.0043	--	--	0.0043	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
7429-90-5	Aluminum	Aluminum (soluable)	µg/L	750	87	--	--	--	--	87	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
14596-10-2	Americium-241	--	pCi/L	--	--	--	--	--	202,000	202,000	RESRAD Biota Calculator - Level 1
120-12-7	Anthracene	anthracene	--	--	--	--	--	--	--	--	--
7440-36-0	Antimony	antimony	--	--	--	--	--	--	--	--	--
14683-10-4	Antimony-124	--	--	--	--	--	--	--	--	--	--
14234-35-6	Antimony-125	--	pCi/L	--	--	--	--	--	6.97E+06	6.97E+06	RESRAD Biota Calculator - Level 1
12674-11-2	Aroclor-1016	aroclor 1016 (PCB)	µg/L	--	0.014	--	0.014	0.014	--	0.014	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
11104-28-2	Aroclor-1221	aroclor 1221 [PCB]	µg/L	--	0.014	--	0.014	0.014	--	0.014	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
11141-16-5	Aroclor-1232	aroclor 1232 [PCB]	µg/L	--	0.014	--	0.014	0.014	--	0.014	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
53469-21-9	Aroclor-1242	aroclor 1242 [PCB]	µg/L	--	0.014	--	0.014	0.014	--	0.014	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
12672-29-6	Aroclor-1248	aroclor 1248 [PCB]	µg/L	--	0.014	--	0.014	0.014	--	0.014	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
11097-69-1	Aroclor-1254	aroclor 1254 (PCB)	µg/L	--	0.014	--	0.014	0.014	--	0.014	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
11096-82-5	Aroclor-1260	aroclor 1260 (PCB)	µg/L	--	0.014	--	0.014	0.014	--	0.014	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
7440-38-2	Arsenic	arsenic, inorganic	µg/L	340	150	360	190	190	--	150	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
7440-39-3	Barium	Barium	--	--	--	--	--	--	--	--	--
13981-41-4	Barium-133	--	--	--	--	--	--	--	--	--	--
14798-08-4	Barium-140	--	pCi/L	--	--	--	--	--	19,500	19,500	RESRAD Biota Calculator - Level 1
71-43-2	Benzene	Benzene	--	--	--	--	--	--	--	--	--
56-55-3	Benzo(a)anthracene	Benzo(a)anthracene	--	--	--	--	--	--	--	--	--
50-32-8	Benzo(a)pyrene	Benzo(a)pyrene	--	--	--	--	--	--	--	--	--
205-99-2	Benzo(b)fluoranthene	Benzo(b)fluoranthene	--	--	--	--	--	--	--	--	--

Table M-2. Summary of Ecological Screening Values for Surface Water

CAS #	Analyte Name	Alternate Analyte Name	Units	National Recommended Water Quality Criteria[a]		40 CFR 131 Water Quality Standards[b]		WAC 173-201A[c]	DOE-STD-1153-2002[d]	Final Surface Water Cleanup Level	Final Surface Water Cleanup Level Basis
				Freshwater CMC (Acute)	Freshwater CCC (Chronic)	Freshwater CMC (Acute)	Freshwater CCC (Chronic)	Water Quality Standards for Surface Waters of WA	RESRAD Biota Calculator - Level 1		
191-24-2	Benzo(ghi)perylene	BENZO(g,h,i)PERYLENE (using pyrene as a surrogate)	--	--	--	--	--	--	--	--	--
207-08-9	Benzo(k)fluoranthene	Benzo(k)fluoranthene	--	--	--	--	--	--	--	--	--
7440-41-7	Beryllium	beryllium	--	--	--	--	--	--	--	--	--
13966-02-4	Beryllium-7	--	--	--	--	--	--	--	--	--	--
319-85-7	beta-1,2,3,4,5,6-Hexachlorocyclohexane (beta-BHC)	hexachlorocyclohexane;beta-	--	--	--	--	--	--	--	--	--
108-60-1	Bis(2-chloro-1-methylethyl)ether	bis(2-chloro-1-methyl-ethyl)ether	--	--	--	--	--	--	--	--	--
111-91-1	Bis(2-Chloroethoxy)methane	bis(2-chloroethoxyl)methane	--	--	--	--	--	--	--	--	--
111-44-4	Bis(2-chloroethyl) ether	bis(2-chloroethyl)ether	--	--	--	--	--	--	--	--	--
117-81-7	Bis(2-ethylhexyl) phthalate	bis(2-ethylhexyl) phthalate	--	--	--	--	--	--	--	--	--
7440-69-9	Bismuth	Bismuth	--	--	--	--	--	--	--	--	--
7440-42-8	Boron	Boron	--	--	--	--	--	--	--	--	--
24959-67-9	Bromide	Bromide	--	--	--	--	--	--	--	--	--
75-27-4	Bromodichloromethane	bromodichloromethane	--	--	--	--	--	--	--	--	--
75-25-2	Bromoform	bromoform	--	--	--	--	--	--	--	--	--
74-83-9	Bromomethane	bromomethane	--	--	--	--	--	--	--	--	--
85-68-7	Butylbenzylphthalate	butyl benzyl phthalate	--	--	--	--	--	--	--	--	--
7440-43-9	Cadmium	cadmium	µg/L	2.0	0.25	3.7	1.0	0.91	--	0.25	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
7440-70-2	Calcium	Calcium	--	--	--	--	--	--	--	--	--
calc_tot_U	Calculated Total Uranium	--	--	--	--	--	--	--	--	--	--
86-74-8	Carbazole	carbazole	--	--	--	--	--	--	--	--	--
75-15-0	Carbon disulfide	carbon disulfide	--	--	--	--	--	--	--	--	--
56-23-5	Carbon tetrachloride	carbon tetrachloride	--	--	--	--	--	--	--	--	--
14762-75-5	Carbon-14	--	pCi/L	--	--	--	--	--	2.33E+07	2.33E+07	RESRAD Biota Calculator - Level 1
3812-32-6	Carbonate ion	--	--	--	--	--	--	--	--	--	--
CERIO_YOUNG_FEM	Ceriodaphnia Number Young per Female	--	--	--	--	--	--	--	--	--	--
CERIO_SURV	Ceriodaphnia Survival	--	--	--	--	--	--	--	--	--	--
CE/PR-144	Cerium/Praseodymium-144	--	pCi/L	--	--	--	--	--	2.85E+06	2.85E+06	RESRAD Biota Calculator - Level 1
CE-139	Cerium-139	--	--	--	--	--	--	--	--	--	--
13967-74-3	Cerium-141	--	pCi/L	--	--	--	--	--	1.56E+07	1.56E+07	RESRAD Biota Calculator - Level 1
14762-78-8	Cerium-144	--	pCi/L	--	--	--	--	--	2.85E+06	2.85E+06	RESRAD Biota Calculator - Level 1
13967-70-9	Cesium-134	--	pCi/L	--	--	--	--	--	326,000	326,000	RESRAD Biota Calculator - Level 1
CS-136	Cesium-136	--	--	--	--	--	--	--	--	--	--
10045-97-3	Cesium-137	--	pCi/L	--	--	--	--	--	599,000	599,000	RESRAD Biota Calculator - Level 1
57-74-9	Chlordane	chlordane	µg/L	2.4	0.0043	2.4	0.0043	0.0043	--	0.0043	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
16887-00-6	Chloride	chloride	µg/L	860,000	230,000	--	--	230,000	--	230,000	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
7782-50-5	Chlorine	--	µg/L	19	11	--	--	11	--	11	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
108-90-7	Chlorobenzene	chlorobenzene	--	--	--	--	--	--	--	--	--
75-00-3	Chloroethane	ethyl chloride	--	--	--	--	--	--	--	--	--
67-66-3	Chloroform	chloroform	--	--	--	--	--	--	--	--	--
74-87-3	Chloromethane	chloromethane	--	--	--	--	--	--	--	--	--
126-99-8	Chloroprene	--	--	--	--	--	--	--	--	--	--
7440-47-3	Chromium	chromium (total)	µg/L	570	65	550	180	156	--	65	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
14392-02-0	Chromium-51	--	pCi/L	--	--	--	--	--	9.93E+07	9.93E+07	RESRAD Biota Calculator - Level 1
218-01-9	Chrysene	Chrysene	--	--	--	--	--	--	--	--	--
156-59-2	cis-1,2-Dichloroethylene	dichloroethylene;1,2-,cis	--	--	--	--	--	--	--	--	--

Table M-2. Summary of Ecological Screening Values for Surface Water

CAS #	Analyte Name	Alternate Analyte Name	Units	National Recommended Water Quality Criteria[a]		40 CFR 131 Water Quality Standards[b]		WAC 173-201A[c]	DOE-STD-1153-2002[d]	Final Surface Water Cleanup Level	Final Surface Water Cleanup Level Basis
				Freshwater CMC (Acute)	Freshwater CCC (Chronic)	Freshwater CMC (Acute)	Freshwater CCC (Chronic)	Water Quality Standards for Surface Waters of WA	RESRAD Biota Calculator - Level 1		
10061-01-5	cis-1,3-Dichloropropene	dichloropropene;1,2-,cis	--	--	--	--	--	--	--	--	--
7440-48-4	Cobalt	Cobalt	--	--	--	--	--	--	--	--	--
13981-50-5	Cobalt-57	--	--	--	--	--	--	--	--	--	--
13981-38-9	Cobalt-58	--	pCi/L	--	--	--	--	--	3.23E+06	3.23E+06	RESRAD Biota Calculator - Level 1
10198-40-0	Cobalt-60	Cobalt-60	pCi/L	--	--	--	--	--	1.19E+06	2.70E+09	RESRAD Biota Calculator - Level 1
PCB1242/1016	Co-elution of Aroclor 1242 and Aroclor 1016	Co-elution of Aroclor 1242 and Aroclor 1017	--	--	--	--	--	--	--	--	--
7440-50-8	Copper	copper	µg/L	--	9.0	17	11	--	--	9.0	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
57-12-5	Cyanide	cyanide	µg/L	22	5.2	22	5.2	5.2	--	5.2	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
108-94-1	Cyclohexanone	--	--	--	--	--	--	--	--	--	--
75-99-0	Dalapon	Dalapon	--	--	--	--	--	--	--	--	--
319-86-8	Delta-BHC	hexachlorocyclohexane;delta-	--	--	--	--	--	--	--	--	--
53-70-3	Dibenz[a,h]anthracene	Dibenz[a,h]anthracene	--	--	--	--	--	--	--	--	--
132-64-9	Dibenzofuran	dibenzofuran	--	--	--	--	--	--	--	--	--
124-48-1	Dibromochloromethane	chlorodibromomethane [dibromochloromethane]	--	--	--	--	--	--	--	--	--
74-95-3	Dibromomethane	--	--	--	--	--	--	--	--	--	--
1918-00-9	Dicamba	Dicamba	--	--	--	--	--	--	--	--	--
75-71-8	Dichlorodifluoromethane	--	--	--	--	--	--	--	--	--	--
120-36-5	Dichloroprop	Dichloroprop	--	--	--	--	--	--	--	--	--
60-57-1	Dieldrin	dieldrin	µg/L	0.24	0.056	2.5	0.0019	0.0019	--	0.0019	40 CFR 131 Water Quality Standards-Freshwater CCC (Chronic)
84-66-2	Diethylphthalate	diethyl phthalate	--	--	--	--	--	--	--	--	--
60-51-5	Dimethoate	--	--	--	--	--	--	--	--	--	--
131-11-3	Dimethyl phthalate	dimethyl phthalate	--	--	--	--	--	--	--	--	--
84-74-2	Di-n-butylphthalate	di-butyl phthalate	--	--	--	--	--	--	--	--	--
117-84-0	Di-n-octylphthalate	di-n-octyl phthalate	--	--	--	--	--	--	--	--	--
88-85-7	Dinoseb(2-secButyl-4,6-dinitrophenol)	Dinoseb	--	--	--	--	--	--	--	--	--
DO	Dissolved oxygen	--	--	--	--	--	--	--	--	--	--
959-98-8	Endosulfan I	Endosulfan I	µg/L	0.22	0.056	0.22	0.056	--	--	0.056	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
33213-65-9	Endosulfan II	Endosulfan II	µg/L	0.22	0.056	0.22	0.056	--	--	0.056	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
1031-07-8	Endosulfan sulfate	Endosulfan sulfate	--	--	--	--	--	--	--	--	--
72-20-8	Endrin	endrin	µg/L	0.086	0.036	0.18	0.0023	0.0023	--	0.0023	40 CFR 131 Water Quality Standards-Freshwater CCC (Chronic)
7421-93-4	Endrin aldehyde	Endrin aldehyde	--	--	--	--	--	--	--	--	--
53494-70-5	Endrin ketone	Endrin ketone	--	--	--	--	--	--	--	--	--
107-21-1	Ethelyne glycol	Ethelyne glycol	--	--	--	--	--	--	--	--	--
107-12-0	Ethyl cyanide	--	--	--	--	--	--	--	--	--	--
97-63-2	Ethyl methacrylate	--	--	--	--	--	--	--	--	--	--
100-41-4	Ethylbenzene	ethylbenzene	--	--	--	--	--	--	--	--	--
14683-23-9	Europium-152	--	pCi/L	--	--	--	--	--	2.55E+06	2.55E+06	RESRAD Biota Calculator - Level 1
15585-10-1	Europium-154	Europium-154	pCi/L	--	--	--	--	--	2.17E+06	2.16E+10	RESRAD Biota Calculator - Level 1
14391-16-3	Europium-155	Europium-155	pCi/L	--	--	--	--	--	2.71E+07	2.70E+11	RESRAD Biota Calculator - Level 1
FETAX_DEFORM	FETAX deformity	--	--	--	--	--	--	--	--	--	--
FETAX_GROWTH	FETAX growth [Percent of CTL]	--	--	--	--	--	--	--	--	--	--
FETAX_SURV	FETAX Survival	--	--	--	--	--	--	--	--	--	--
206-44-0	Fluoranthene	fluoranthene	--	--	--	--	--	--	--	--	--
86-73-7	Fluorene	fluorene	--	--	--	--	--	--	--	--	--

Table M-2. Summary of Ecological Screening Values for Surface Water

CAS #	Analyte Name	Alternate Analyte Name	Units	National Recommended Water Quality Criteria[a]		40 CFR 131 Water Quality Standards[b]		WAC 173-201A[c]	DOE-STD-1153-2002[d]	Final Surface Water Cleanup Level	Final Surface Water Cleanup Level Basis
				Freshwater CMC (Acute)	Freshwater CCC (Chronic)	Freshwater CMC (Acute)	Freshwater CCC (Chronic)	Water Quality Standards for Surface Waters of WA	RESRAD Biota Calculator - Level 1		
16984-48-8	Fluoride	fluoride (using fluorine)	--	--	--	--	--	--	--	--	--
58-89-9	Gamma-BHC (Lindane)	lindane [gamma-BHC] (see hexachlorocyclohexane)	µg/L	0.95	--	2.0	0.080	0.080	--	0.080	40 CFR 131 Water Quality Standards-Freshwater CCC (Chronic)
5566-34-7	gamma-Chlordane	--	µg/L	2.4	0.0043	2.4	0.0043	0.0043	--	0.0043	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
12587-46-1	Gross alpha	Gross alpha	--	--	--	--	--	--	--	--	--
12587-47-2	Gross beta	Gross beta	--	--	--	--	--	--	--	--	--
HARDNESS	Hardness	--	--	--	--	--	--	--	--	--	--
76-44-8	Heptachlor	heptachlor	µg/L	0.52	0.0038	0.52	0.0038	0.0038	--	0.0038	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
1024-57-3	Heptachlor epoxide	Heptachlor epoxide	µg/L	0.52	0.0038	0.52	0.0038	--	--	0.0038	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
118-74-1	Hexachlorobenzene	hexachlorobenzene	--	--	--	--	--	--	--	--	--
87-68-3	Hexachlorobutadiene	hexachlorobutadiene	--	--	--	--	--	--	--	--	--
77-47-4	Hexachlorocyclopentadiene	hexachlorocyclopentadiene	--	--	--	--	--	--	--	--	--
67-72-1	Hexachloroethane	hexachloroethane	--	--	--	--	--	--	--	--	--
110-54-3	Hexane	--	--	--	--	--	--	--	--	--	--
18540-29-9	Hexavalent Chromium	chromium(VI)	µg/L	16	11	15	10	10	--	10	40 CFR 131 Water Quality Standards-Freshwater CCC (Chronic)
AQ_BASKET_CONDU	Highest Specific Conductance [uS/cm]	--	--	--	--	--	--	--	--	--	--
193-39-5	Indeno(1,2,3-cd)pyrene	Indeno(1,2,3-cd)pyrene	--	--	--	--	--	--	--	--	--
7553-56-2	Iodine	--	--	--	--	--	--	--	--	--	--
7553-56-2	Iodine	--	--	--	--	--	--	--	--	--	--
15046-84-1	Iodine-129	Iodine-129	pCi/L	--	--	--	--	--	5.70E+06	1.08E+12	RESRAD Biota Calculator - Level 1
10043-66-0	Iodine-131	--	pCi/L	--	--	--	--	--	1.87E+06	1.87E+06	RESRAD Biota Calculator - Level 1
74-88-4	Iodomethane	--	--	--	--	--	--	--	--	--	--
7439-89-6	Iron	Iron	µg/L	--	1,000	--	--	--	--	1,000	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
14596-12-4	Iron-59	--	--	--	--	--	--	--	--	--	--
78-83-1	Isobutyl alcohol	--	--	--	--	--	--	--	--	--	--
78-59-1	Isophorone	isophorone	--	--	--	--	--	--	--	--	--
13981-28-7	Lanthanum-140	--	--	--	--	--	--	--	--	--	--
7439-92-1	Lead	lead	µg/L	65	2.5	65	2.5	2.1	--	2.1	WAC 173-201A-Water Quality Standards for Surface Waters of WA
15092-94-1	Lead-212	--	--	--	--	--	--	--	--	--	--
15067-28-4	Lead-214	--	--	--	--	--	--	--	--	--	--
7439-93-2	Lithium	Lithium	--	--	--	--	--	--	--	--	--
7439-95-4	Magnesium	Magnesium (Not in CLARC database Tables)	--	--	--	--	--	--	--	--	--
7439-96-5	Manganese	manganese	--	--	--	--	--	--	--	--	--
13966-31-9	Manganese-54	--	--	--	--	--	--	--	--	--	--
7439-97-6	Mercury	mercury	µg/L	1.4	0.77	2.1	0.012	0.012	--	0.012	40 CFR 131 Water Quality Standards-Freshwater CCC (Chronic)
126-98-7	Methacrylonitrile	--	--	--	--	--	--	--	--	--	--
72-43-5	Methoxychlor	methoxychlor	µg/L	--	0.030	--	--	--	--	0.030	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
80-62-6	Methyl methacrylate	--	--	--	--	--	--	--	--	--	--
75-09-2	Methylene chloride	methylene chloride	--	--	--	--	--	--	--	--	--
7439-98-7	Molybdenum	molybdenum	--	--	--	--	--	--	--	--	--
14119-15-4	Molybdenum-99	--	--	--	--	--	--	--	--	--	--
108-38-3	m-Xylene	Xylene, m-	--	--	--	--	--	--	--	--	--

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CAS #	Analyte Name	Alternate Analyte Name	Units	National Recommended Water Quality Criteria[a]		40 CFR 131 Water Quality Standards[b]		WAC 173-201A[c]	DOE-STD-1153-2002[d]	Final Surface Water Cleanup Level	Final Surface Water Cleanup Level Basis
				Freshwater CMC (Acute)	Freshwater CCC (Chronic)	Freshwater CMC (Acute)	Freshwater CCC (Chronic)	Water Quality Standards for Surface Waters of WA	RESRAD Biota Calculator - Level 1		
91-20-3	Naphthalene	naphthalene	--	--	--	--	--	--	--	--	--
13994-20-2	Neptunium-237	--	pCi/L	--	--	--	--	--	6.49E+06	6.49E+06	RESRAD Biota Calculator - Level 1
7440-02-0	Nickel	nickel soluble salts	µg/L	470	52	1,400	160	137	--	52	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
14681-63-1	Niobium-94	--	--	--	--	--	--	--	--	--	--
13967-76-5	Niobium-95	--	--	--	--	--	--	--	--	--	--
14797-55-8	Nitrate	Nitrate	--	--	--	--	--	--	--	--	--
14797-65-0	Nitrite	Nitrite	--	--	--	--	--	--	--	--	--
98-95-3	Nitrobenzene	Nitrobenzene	--	--	--	--	--	--	--	--	--
NH3-N	Nitrogen in ammonia	--	--	--	--	--	--	--	--	--	--
NO3-N	Nitrogen in Nitrate	Nitrogen in Nitrate	--	--	--	--	--	--	--	--	--
NO2-N	Nitrogen in Nitrite	Nitrogen in Nitrite	--	--	--	--	--	--	--	--	--
NO2+NO3-N	Nitrogen in Nitrite and Nitrate	Nitrogen in Nitrite and Nitrate	--	--	--	--	--	--	--	--	--
N-KJELDAHL	Nitrogen, Kjeldahl total	--	--	--	--	--	--	--	--	--	--
621-64-7	n-Nitrosodi-n-dipropylamine	nitroso-di-n-propylamine;N-	--	--	--	--	--	--	--	--	--
86-30-6	n-Nitrosodiphenylamine	nitrosodiphenylamine;N-	--	--	--	--	--	--	--	--	--
EH	Oxidation Reduction Potential	--	--	--	--	--	--	--	--	--	--
95-47-6	o-Xylene	xylene,o-	--	--	--	--	--	--	--	--	--
87-86-5	Pentachlorophenol	pentachlorophenol	µg/L	19	15	20	13	--	--	13	40 CFR 131 Water Quality Standards-Freshwater CCC (Chronic)
%MOISTURE	Percent moisture (wet sample)	Percent moisture (wet sample)	--	--	--	--	--	--	--	--	--
PH	pH Measurement	pH Measurement	--	--	--	--	--	--	--	--	--
85-01-8	Phenanthrene	Phenanthrene	--	--	--	--	--	--	--	--	--
108-95-2	Phenol	Phenol	--	--	--	--	--	--	--	--	--
14265-44-2	Phosphate	Phosphate	--	--	--	--	--	--	--	--	--
7723-14-0	Phosphorus	phosphorus	--	--	--	--	--	--	--	--	--
PO4-P	Phosphorus in phosphate	Phosphorus in phosphate	--	--	--	--	--	--	--	--	--
13981-16-3	Plutonium-238	Plutonium-238	--	--	--	--	--	--	--	--	--
PU-239/240	Plutonium-239/240	Plutonium-239/240	--	--	--	--	--	--	--	--	--
7440-09-7	Potassium	Potassium	--	--	--	--	--	--	--	--	--
13966-00-2	Potassium-40	--	pCi/L	--	--	--	--	--	1.93E+06	1.93E+06	RESRAD Biota Calculator - Level 1
14331-85-2	Protactinium-231	--	pCi/L	--	--	--	--	--	1.26E+06	1.26E+06	RESRAD Biota Calculator - Level 1
129-00-0	Pyrene	pyrene	--	--	--	--	--	--	--	--	--
7440-14-4	Radium	--	--	--	--	--	--	--	--	--	--
13982-63-3	Radium-226	--	pCi/L	--	--	--	--	--	8,110	8,110	RESRAD Biota Calculator - Level 1
13968-53-1	Ruthenium-103	--	--	--	--	--	--	--	--	--	--
13967-48-1	Ruthenium-106	--	--	--	--	--	--	--	--	--	--
7782-49-2	Selenium	selenium and compounds	µg/L	--	5.0	20	5.0	5.0	--	5.0	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
SE-75	Selenium-75	--	--	--	--	--	--	--	--	--	--
15758-45-9	Selenium-79	--	--	--	--	--	--	--	--	--	--
7440-21-3	Silicon	Silicon	--	--	--	--	--	--	--	--	--
7440-22-4	Silver	silver	µg/L	3.2	--	3.4	--	2.6	--	2.6	WAC 173-201A-Water Quality Standards for Surface Waters of WA
AG-110M	Silver-110 [metastable]	--	--	--	--	--	--	--	--	--	--
7440-23-5	Sodium	Sodium	--	--	--	--	--	--	--	--	--
13982-04-2	Sodium-24	--	--	--	--	--	--	--	--	--	--
CONDUCT	Specific Conductance	--	--	--	--	--	--	--	--	--	--
CONDUCT	Specific Conductance	--	--	--	--	--	--	--	--	--	--
7440-24-6	Strontium	strontium	--	--	--	--	--	--	--	--	--
13967-73-2	Strontium-85	--	--	--	--	--	--	--	--	--	--

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CAS #	Analyte Name	Alternate Analyte Name	Units	National Recommended Water Quality Criteria[a]		40 CFR 131 Water Quality Standards[b]		WAC 173-201A[c]	DOE-STD-1153-2002[d]	Final Surface Water Cleanup Level	Final Surface Water Cleanup Level Basis
				Freshwater CMC (Acute)	Freshwater CCC (Chronic)	Freshwater CMC (Acute)	Freshwater CCC (Chronic)	Water Quality Standards for Surface Waters of WA	RESRAD Biota Calculator - Level 1		
10098-97-2	Strontium-90	Strontium-90	pCi/L	--	--	--	--	--	54,500	5.41E+10	RESRAD Biota Calculator - Level 1
100-42-5	Styrene	styrene	--	--	--	--	--	--	--	--	--
14808-79-8	Sulfate	sulfate	--	--	--	--	--	--	--	--	--
12597-04-5	Sulfide	Sulfide	--	--	--	--	--	--	--	--	--
14133-76-7	Technetium-99	Technetium-99	pCi/L	--	--	--	--	--	1.55E+07	2.43E+12	RESRAD Biota Calculator - Level 1
TE-129M	Tellurium-129M	--	--	--	--	--	--	--	--	--	--
TEMPERATURE	Temperature	--	--	--	--	--	--	--	--	--	--
TEMPERATURE	Temperature	--	--	--	--	--	--	--	--	--	--
127-18-4	Tetrachloroethene	tetrachloroethylene	--	--	--	--	--	--	--	--	--
109-99-9	Tetrahydrofuran	--	--	--	--	--	--	--	--	--	--
7440-28-0	Thallium	Thallium, soluable salts	--	--	--	--	--	--	--	--	--
7440-29-1	Thorium	Thorium	--	--	--	--	--	--	--	--	--
14274-82-9	Thorium-228	--	pCi/L	--	--	--	--	--	63,300	63,300	RESRAD Biota Calculator - Level 1
14269-63-7	Thorium-230	--	pCi/L	--	--	--	--	--	452,000	452,000	RESRAD Biota Calculator - Level 1
TH-232	Thorium-232	--	pCi/L	--	--	--	--	--	4.32E+06	4.32E+06	RESRAD Biota Calculator - Level 1
7440-31-5	Tin	tin	--	--	--	--	--	--	--	--	--
13966-06-8	Tin-113	--	--	--	--	--	--	--	--	--	--
108-88-3	Toluene	Toluene	--	--	--	--	--	--	--	--	--
TDS	Total dissolved solids	--	--	--	--	--	--	--	--	--	--
TOC	Total organic carbon	--	--	--	--	--	--	--	--	--	--
TPH	Total petroleum hydrocarbons	Total petroleum hydrocarbons	--	--	--	--	--	--	--	--	--
TPHDIESEL	Total petroleum hydrocarbons - diesel range	Total petroleum hydrocarbons - diesel range	--	--	--	--	--	--	--	--	--
TPHGASOLINE	Total petroleum hydrocarbons - gasoline range	Total petroleum hydrocarbons - gasoline range	--	--	--	--	--	--	--	--	--
TPH/OILH	Total petroleum hydrocarbons - motor oil (high boiling)	Total petroleum hydrocarbons - motor oil (high boiling)	--	--	--	--	--	--	--	--	--
TSS	Total suspended solids	--	--	--	--	--	--	--	--	--	--
8001-35-2	Toxaphene	toxaphene	µg/L	0.73	2.00E-04	0.73	2.00E-04	2.00E-04	--	2.00E-04	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
156-60-5	trans-1,2-Dichloroethylene	dichloroethylene;1,2-,trans	--	--	--	--	--	--	--	--	--
10061-02-6	trans-1,3-Dichloropropene	dichloropropene;1,3-,trans	--	--	--	--	--	--	--	--	--
110-57-6	trans-1,4-Dichloro-2-butene	--	--	--	--	--	--	--	--	--	--
5103-74-2	trans-Chlordane	--	µg/L	2.4	0.0043	2.4	0.0043	0.0043	--	0.0043	National Recommended Water Quality Criteria-Freshwater CCC (Chronic)
79-01-6	Trichloroethene	trichloroethylene (TCE)	--	--	--	--	--	--	--	--	--
75-69-4	Trichloromonofluoromethane	--	--	--	--	--	--	--	--	--	--
10028-17-8	Tritium	Tritium	pCi/L	--	--	--	--	--	2.31E+08	5.41E+15	RESRAD Biota Calculator - Level 1
TURBIDITY	Turbidity	--	--	--	--	--	--	--	--	--	--
7440-61-1	Uranium	Uranium	--	--	--	--	--	--	--	--	--
U_rad	Uranium [radionuclide]	--	--	--	--	--	--	--	--	--	--
U-233/234	Uranium-233/234	Uranium-233/234	--	--	--	--	--	--	--	--	--
13966-29-5	Uranium-234	Uranium-234	pCi/L	--	--	--	--	--	404,000	1.89E+08	RESRAD Biota Calculator - Level 1
15117-96-1	Uranium-235	Uranium-235	pCi/L	--	--	--	--	--	419,000	2.16E+08	RESRAD Biota Calculator - Level 1
13982-70-2	Uranium-236	Uranium-236	--	--	--	--	--	--	--	--	--
U-238	Uranium-238	Uranium-238	pCi/L	--	--	--	--	--	406,000	2.16E+08	RESRAD Biota Calculator - Level 1
7440-62-2	Vanadium	vanadium	--	--	--	--	--	--	--	--	--
108-05-4	Vinyl acetate	--	--	--	--	--	--	--	--	--	--
75-01-4	Vinyl chloride	vinyl chloride [chloroethene; 1-]	--	--	--	--	--	--	--	--	--
WATER_DEPTH	Water depth 1996 to 2006	--	--	--	--	--	--	--	--	--	--
PCT_DEPTH_EXCEE	Water depth exceedance from 1996 to 2006	--	--	--	--	--	--	--	--	--	--

Table M-2. Summary of Ecological Screening Values for Surface Water

CAS #	Analyte Name	Alternate Analyte Name	Units	National Recommended Water Quality Criteria[a]		40 CFR 131 Water Quality Standards[b]		WAC 173-201A[c]	DOE-STD-1153-2002[d]	Final Surface Water Cleanup Level	Final Surface Water Cleanup Level Basis
				Freshwater CMC (Acute)	Freshwater CCC (Chronic)	Freshwater CMC (Acute)	Freshwater CCC (Chronic)	Water Quality Standards for Surface Waters of WA	RESRAD Biota Calculator - Level 1		
1330-20-7	Xylenes (total)	Xylenes (total)	--	--	--	--	--	--	--	--	--
Y-88	Yttrium-88	--	--	--	--	--	--	--	--	--	--
7440-66-6	Zinc	zinc	µg/L	120	120	110	100	91	--	91	WAC 173-201A-Water Quality Standards for Surface Waters of WA
13982-39-3	Zinc-65	--	pCi/L	--	--	--	--	--	173,000	173,000	RESRAD Biota Calculator - Level 1
ZR/NB-95	Zirconium/Niobium-95	--	pCi/L	--	--	--	--	--	2.21E+06	2.21E+06	RESRAD Biota Calculator - Level 1
13967-71-0	Zirconium-95	--	pCi/L	--	--	--	--	--	2.21E+06	2.21E+06	RESRAD Biota Calculator - Level 1

a. Water quality criteria published under Section 304(a) of the *Clean Water Act of 1977* .
b. Water quality criteria published in 40 CFR 131.36, "Water Quality Standards, Toxics Criteria for Those States Not Complying with Clean Water Act Section 303(c)(2)(B)."
c. WAC 173-201A, "Water Quality Standards for Surface Waters of the State of Washington."
d. DOE-STD-1153-2002, "a GRADED Approach for Evaluating Radiation Doses to Aquatic and Terrestrial Biota."
CMC = criteria maximum concentration.
CCC = criteria continuous concentration.

Table M-3. Summary of Tier 1 Plant and Soil Invertebrate Ecological Screening Levels

			EPA EcoSSLs			ORNL - ES/ER/TM-85/R3, ES/ER/TM-126/R2		DOE BCGs		Washington Dept. of Ecology - MTCA (WAC 173-340, Table 749-3)		Lowest Screening Benchmark by Receptor Type					
Constituent Group	Soil Constituent	Units	Plants	Invertebrate	Reference	Plants	Invertebrate	Terrestrial Plant	Terrestrial Animal	Plant	Soil Biota	Plant	Inverts	Overall Lowest Screening Benchmark	Background Soil Concentrations[a]	SSL for Plants and Soil Invertebrates[b]	Basis
Radionuclides	Americium-241	pCi/g	---	---	---	---	---	21,500	3,890	---	---	21,500	---	21,500	---	21,500	Benchmark
	Antimony-125	pCi/g	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Carbon-14	pCi/g	---	---	---	---	---	60,700	4,760	---	---	60,700	---	60,700	---	60,700	Benchmark
	Cesium-134	pCi/g	---	---	---	---	---	1,090	11	---	---	1,090	---	1,090	---	1,090	Benchmark
	Cesium 137	pCi/g	---	---	---	---	---	2,210	21	---	---	2,210	---	2,210	1.1	2,210	Benchmark
	Cobalt-60	pCi/g	---	---	---	---	---	6,130	692	---	---	6,130	---	6,130	0.0084	6,130	Benchmark
	Curium-244	pCi/g	---	---	---	---	---	153,000	4,060	---	---	153,000	---	153,000	---	153,000	Benchmark
	Europium-152	pCi/g	---	---	---	---	---	14,700	1,520	---	---	14,700	---	14,700	---	14,700	Benchmark
	Europium-154	pCi/g	---	---	---	---	---	12,500	1,290	---	---	12,500	---	12,500	0.033	12,500	Benchmark
	Europium-155	pCi/g	---	---	---	---	---	153,000	15,800	---	---	153,000	---	153,000	0.054	153,000	Benchmark
	Hydrogen-3 (tritium)	pCi/g	---	---	---	---	---	1.68E+06	174,000	---	---	1.68E+06	---	1.68E+06	---	1.68E+06	Benchmark
	Neptunium-237	pCi/g	---	---	---	---	---	8,150	3,860	---	---	8,150	---	8,150	---	8,150	Benchmark
	Nickel-63	pCi/g	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Plutonium-238	pCi/g	---	---	---	---	---	17,500	5,270	---	---	17,500	---	17,500	0.0038	17,500	Benchmark
	Plutonium-239/240	pCi/g	---	---	---	---	---	12,700	6,110	---	---	12,700	---	12,700	0.025	12,700	Benchmark
	Radium-226	pCi/g	---	---	---	---	---	288	51	---	---	288	---	288	0.82	288	Benchmark
	Radium-228	pCi/g	---	---	---	---	---	245	44	---	---	245	---	245	---	245	Benchmark
	Strontium 90	pCi/g	---	---	---	---	---	3,580	23	---	---	3,580	---	3,580	0.18	3,580	Benchmark
	Technetium-99	pCi/g	---	---	---	---	---	21,900	4,490	---	---	21,900	---	21,900	---	21,900	Benchmark
	Thorium-232	pCi/g	---	---	---	---	---	23,500	1,510	---	---	23,500	---	23,500	1.3	23,500	Benchmark
	Uranium-234	pCi/g	---	---	---	---	---	51,600	5,130	---	---	51,600	---	51,600	1.1	51,600	Benchmark
	Uranium-235	pCi/g	---	---	---	---	---	27,400	2,770	---	---	27,400	---	27,400	0.11	27,400	Benchmark
	Uranium-238	pCi/g	---	---	---	---	---	15,700	1,580	---	---	15,700	---	15,700	1.1	15,700	Benchmark
Metals	Aluminum	mg/kg	Narrative Statement		OSWER Dir. 9285.7-60	50	---	---	---	50	---	50	---	50	11,800	11,800	Background
	Antimony	mg/kg	---	78	OSWER Dir. 9285.7-61	5.0	---	---	---	5.0	---	5.0	78	5.0	5.2	5.2	Background
	Arsenic, Total all valence states	mg/kg	18	---	OSWER Dir. 9285.7-62	10	60	---	---	---	---	10	60	10	6.5	10	Benchmark
	Arsenic (III)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Arsenic (V)	mg/kg	---	---	---	---	---	---	---	10	60	10	60	10	---	10	Benchmark
	Barium	mg/kg	---	330	OSWER Dir. 9285.7- 63	500	---	---	---	500	---	500	330	330	132	330	Benchmark
	Beryllium	mg/kg	---	40	OSWER Dir. 9285.7- 64	10	---	---	---	10	---	10	40	10	1.5	10	Benchmark
	Bismuth	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Boron	mg/kg	---	---	---	0.50	---	---	---	0.50	---	0.50	---	0.50	---	0.50	Benchmark
	Cadmium	mg/kg	32	140	OSWER Dir. 9285.7-65	4.0	20	---	---	4.0	20	4.0	20	4.0	0.78	4.0	Benchmark
	Chromium (total) [c,d]	mg/kg	---	---	OSWER Dir. 9285.7- 66	1.0	0.40	---	---	42	42	1.0	0.40	0.40	19	19	Background
	Chromium (+3)	mg/kg	---	---	OSWER Dir. 9285.7- 66	1.0	0.40	---	---	42	42	1.0	0.40	0.40	---	0.40	Benchmark
	Chromium (+6)	mg/kg	---	---	OSWER Dir. 9285.7- 66	---	---	---	---	---	---	---	---	---	---	---	---
	Cobalt	mg/kg	13	---	OSWER Dir. 9285.7-67	20	---	---	---	20	---	13	---	13	16	16	Background
	Copper	mg/kg	70	80	OSWER Dir. 9285.7-68	100	50	---	---	100	50	70	50	50	22	50	Benchmark
	Lead	mg/kg	120	1700	OSWER Dir. 9285.7-70	50	500	---	---	50	500	50	500	50	10	50	Benchmark
	Lithium [d]	mg/kg	---	---	---	2.0	---	---	---	35	---	2.0	---	2.0	34	34	Background
	Manganese [d]	mg/kg	220	450	OSWER Dir. 9285.7-71	500	---	---	---	1,100	---	220	450	220	512	512	Background
	Mercury	mg/kg	---	---	---	0.30	0.10	---	---	0.30	0.10	0.30	0.10	0.10	0.33	0.33	Background
	Molybdenum	mg/kg	---	---	---	2.0	---	---	---	2.0	---	2.0	---	2.0	6.0	6.0	Background
	Nickel	mg/kg	38	280	OSWER Dir. 9285.7-76	30	200	---	---	30	200	30	200	30	19	30	Benchmark

Table M-3. Summary of Tier 1 Plant and Soil Invertebrate Ecological Screening Levels

Constituent Group	Soil Constituent	Units	EPA EcoSSLs			ORNL - ES/ER/TM-85/R3, ES/ER/TM-126/R2		DOE BCGs		Washington Dept. of Ecology - MTCA (WAC 173-340, Table 749-3)		Lowest Screening Benchmark by Receptor Type			Background Soil Concentrations[a]	SSL for Plants and Soil Invertebrates[b]	Basis
			Plants	Invertebrate	Reference	Plants	Invertebrate	Terrestrial Plant	Terrestrial Animal	Plant	Soil Biota	Plant	Inverts	Overall Lowest Screening Benchmark			
	Selenium	mg/kg	0.52	4.1	OSWER Dir. 9285.7-72	1.0	70	---	---	1.0	70	0.52	4.1	0.52	0.78	0.78	Background
	Silver	mg/kg	560	---	OSWER Dir. 9285.7-77	2.0	---	---	---	2.0	---	2.0	---	2.0	0.73	2.0	Benchmark
	Strontium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Thallium	mg/kg	---	---	---	1.0	---	---	---	1.0	---	1.0	---	1.0		1.0	Benchmark
	Tin	mg/kg	---	---	---	50	---	---	---	50	---	50	---	50	---	50	Benchmark
	Uranium	mg/kg	---	---	---	5.0	---	---	---	5.0	---	5.0	---	5.0	3.2	5.0	Benchmark
	Vanadium	mg/kg	---	---	OSWER Dir. 9285.7-75	2.0	---	---	---	2.0	---	2.0	---	2.0	85	85	Background
	Zinc[d]	mg/kg	160	120	OSWER Dir. 9285.7-73	50	200	---	---	86	200	50	120	50	68	68	Background
General Inorganics	Ammonia/Ammonium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	9.23	9.23	Background
	Chloride	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	100	100	Background
	Cyanide	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Fluoride	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	2.81	2.81	Background
	Iodine	mg/kg	---	---	---	4	---	---	---	4	---	4	---	4	---	4	Benchmark
	Nitrate/Nitrite	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	52	52	Background
	Phosphate	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	0.785	0.785	Background
	Sulfate/Sulfite	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	237	237	Background
	Total Organic Carbon	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Volatile Organics	1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1,2-dichloroethane (DCA)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	2-butanone (Methyl Ethyl Ketone/MEK)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	2-hexanone	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Benzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Butanol	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Carbon Tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Chlorobenzene	mg/kg	---	---	---	---	40	---	---	---	40	---	40	40	---	40	Benchmark
	Chloroform	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Cis-1,2-dichloroethylene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Dichloromethane (Methylene Chloride)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Ethyl Benzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Methyl Isobutyl Ketone	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	n-butyl Benzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Tetrachloroethylene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Toluene	mg/kg	---	---	---	200	---	---	---	200	---	200	---	200	---	200	Benchmark
	Trans-1,2-dichloroethylene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Trichloroethylene (TCE)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Xylene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table M-3. Summary of Tier 1 Plant and Soil Invertebrate Ecological Screening Levels

Constituent Group	Soil Constituent	Units	EPA EcoSSLs			ORNL - ES/ER/TM-85/R3, ES/ER/TM-126/R2		DOE BCGs		Washington Dept. of Ecology - MTCA (WAC 173-340, Table 749-3)		Lowest Screening Benchmark by Receptor Type			Background Soil Concentrations[a]	SSL for Plants and Soil Invertebrates[b]	Basis
			Plants	Invertebrate	Reference	Plants	Invertebrate	Terrestrial Plant	Terrestrial Animal	Plant	Soil Biota	Plant	Inverts	Overall Lowest Screening Benchmark			
Polycyclic Aromatic Hydrocarbons	Acenaphthene	mg/kg	---	29	OSWER Dir. 9285.7-75	20	---	---	---	20	---	20	29	20	---	20	Benchmark
	Acenaphthylene	mg/kg	---	29	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	29	29	---	29	Benchmark
	Anthracene	mg/kg	---	29	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	29	29	---	29	Benchmark
	Benzo(a)pyrene	mg/kg	---	18	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	18	18	---	18	Benchmark
	Benzo(a)anthracene	mg/kg	---	18	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	18	18	---	18	Benchmark
	Benzo(b)fluoranthene	mg/kg	---	18	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	18	18	---	18	Benchmark
	Benzo(ghi)perylene	mg/kg	---	18	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	18	18	---	18	Benchmark
	Benzo[k]fluoranthene	mg/kg	---	18	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	18	18	---	18	Benchmark
	Chrysene	mg/kg	---	18	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	18	18	---	18	Benchmark
	Dibenz(ah)anthracene	mg/kg	---	18	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	18	18	---	18	Benchmark
	Fluoranthene	mg/kg	---	18	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	18	18	---	18	Benchmark
	Fluorene	mg/kg	---	29	OSWER Dir. 9285.7-75	---	30	---	---	---	30	---	29	29	---	29	Benchmark
	Indeno[1,2,3-cd]pyrene	mg/kg	---	18	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	18	18	---	18	Benchmark
	2-Methylnaphthalene	mg/kg	---	29	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	29	29	---	29	Benchmark
	Naphthalene	mg/kg	---	29	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	29	29	---	29	Benchmark
	Phenanthrene	mg/kg	---	29	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	29	29	---	29	Benchmark
	Pyrene	mg/kg	---	18	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	18	18	---	18	Benchmark
	Total PAHs	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Low MW PAHs [e]	mg/kg	---	29	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	29	29	---	29	Benchmark
	High MW PAHs [f]	mg/kg	---	18	OSWER Dir. 9285.7-75	---	---	---	---	---	---	---	18	18	---	18	Benchmark
Petroleum	Gasoline Range Organics	mg/kg	---	---	---	---	---	---	---	---	100	---	100	100	---	100	Benchmark
	TPH - diesel	mg/kg	---	---	---	---	---	---	---	---	200	---	200	200	---	200	Benchmark
	TPH - kerosene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Semivolatile Organics	Normal paraffin hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Phenol	mg/kg	---	---	---	70	30	---	---	70	30	70	30	30	---	30	Benchmark
	2-methylphenol (ocresol)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	4-methylphenol (pcresol)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Bis[2-ethylhexyl] phthalate [g]	mg/kg	---	---	---	100	---	---	---	100	---	100	---	100	---	100	Benchmark
	Polychlorinated Biphenyls (PCB) [h,i]	mg/kg	---	---	---	40	---	---	---	40	---	40	---	40	---	40	Benchmark
	Aroclor 1016 [h,i]	mg/kg	---	---	---	40	---	---	---	40	---	40	---	40	---	40	Benchmark
	Aroclor 1221 [h,i]	mg/kg	---	---	---	40	---	---	---	40	---	40	---	40	---	40	Benchmark
	Aroclor 1232 [h,i]	mg/kg	---	---	---	40	---	---	---	40	---	40	---	40	---	40	Benchmark
	Aroclor 1242 [h,i]	mg/kg	---	---	---	40	---	---	---	40	---	40	---	40	---	40	Benchmark
	Aroclor 1248 [h,i]	mg/kg	---	---	---	40	---	---	---	40	---	40	---	40	---	40	Benchmark
	Aroclor 1254 [h,i]	mg/kg	---	---	---	40	---	---	---	40	---	40	---	40	---	40	Benchmark
	Aroclor 1260 [h,i]	mg/kg	---	---	---	40	---	---	---	40	---	40	---	40	---	40	Benchmark
	Aroclor-1262 [h,i, j]	mg/kg	---	---	---	40	---	---	---	40	---	40	---	40	---	40	Benchmark
Herbicide	Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table M-3. Summary of Tier 1 Plant and Soil Invertebrate Ecological Screening Levels

			EPA EcoSSLs			ORNL - ES/ER/TM-85/R3, ES/ER/TM-126/R2		DOE BCGs		Washington Dept. of Ecology - MTCA (WAC 173-340, Table 749-3)		Lowest Screening Benchmark by Receptor Type					
Constituent Group	Soil Constituent	Units	Plants	Invertebrate	Reference	Plants	Invertebrate	Terrestrial Plant	Terrestrial Animal	Plant	Soil Biota	Plant	Inverts	Overall Lowest Screening Benchmark	Background Soil Concentrations[a]	SSL for Plants and Soil Invertebrates[b]	Basis
Pesticide	Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	beta-1,2,3,4,5,6-Hexachlorocyclohexane [k, l]	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	alpha-Chlordane [m]	mg/kg	---	---	---	---	---	---	---	---	1	---	1	1	---	1	Benchmark
	gamma-Chlordane [m]	mg/kg	---	---	---	---	---	---	---	---	1	---	1	1	---	1	Benchmark
	Dichlorodiphenyldichloroethylene [n, o]	mg/kg	---	---	OSWER Dir. 9285.7-57	---	---	---	---	---	---	---	---	---	---	---	---
	Dichlorodiphenyltrichloroethane [o]	mg/kg	---	---	OSWER Dir. 9285.7-57	---	---	---	---	---	---	---	---	---	---	---	---
	Dieldrin	mg/kg	---	---	OSWER Dir. 9285.7-56	---	---	---	---	---	---	---	---	---	---	---	---
	Endosulfan I	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Endosulfan II	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Endosulfan sulfate	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Endrin aldehyde [p]	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Notes:

a. Background soil concentrations are selected according to the following hierarchy: the 90th percentile of Hanford Site background; Washington state-wide background. See the text for further discussion of sources.

b. The selected PRG is the higher of either the background in soil or the Overall Lowest Screening Value between plants and soil invertebrates.

c. When Cr (total) not available, the lower of either Cr+3 or Cr+6 as available were used as a surrogate.

d. MTCA plant and soil biota benchmarks were replaced by Washington state natural background concentration.

e. The Low MW PAHs screening values from EPA (OSWER Directive 9285.7-78) represents the sum of the low molecular weight polyaromatic hydrocarbons (PAHs). For the purposes of this assessment, the benchmark was also applied to the individual low molecular weight PAHs.

f. The High MW PAHs screening values from EPA (OSWER Directive 9285.7-78) represents the sum of the high molecular weight polyaromatic hydrocarbons (PAHs). For the purposes of this assessment, the benchmark was also applied to the individual high molecular weight PAHs.

g. values for diethyl phthalate were used as a surrogate for bis[2-ethylhexyl] phthalate.

h. Aroclor 1254 value was used as surrogate.

i. MTCA values represent screening value for PCB mixtures.

j. MTCA Aroclor 1260 values used as surrogate for Aroclor 1262.

k. Form of HCB not identified in S/ER/TM-126/R2

l. MTCA value based on benzene hexachloride, including lindane.

m. MTCA values based on chlordane.

n. DDT values used as a surrogate for DDE.

o. MTCA value based on total DDT/DDE/DDD.

p. MTCA endrin aldehyde values based on endrin.

Acronyms:

--- = Value not available

DOE BCG = United States Department of Energy biota concentration guide. Summary of media screening values (BCGs) for radionuclides at the former McClellan Air Force Base. All values extracted from DOE/EH-0676 or DOE-STD-1153-2002.

Ecology = WA State Department of Ecology

EcoSSL = Ecological soil screening level

EPA = United States Environmental Protection Agency

High MW PAHs = High molecular weight polycyclic aromatic hydrocarbons

Low MW PAHs = Low molecular weight polycyclic aromatic hydrocarbons

mg/kg = Milligram per kilogram

MTCA = Model Toxic Control Act

ORNL = Oakridge National Laboratory

pCi/g = Pico Curie per gram

SSL = Soil screening level

TPH = Total petroleum hydrocarbons

Table M-4. Summary of Tier 2 Plant and Soil Invertebrate Ecological Screening Levels

Constituent	Units	Plant NOEC	Invertebrate NOEC
Antimony	mg/kg	842	842
Arsenic	mg/kg	128	128
Barium	mg/kg	500	358
Beryllium	mg/kg	10	40
Boron	mg/kg	29.6	58
Cadmium	mg/kg	9.84	20
Chromium	mg/kg	259	149
Cobalt	mg/kg	15.7	15.7
Copper	mg/kg	70	58
Lead	mg/kg	9090	1700
Manganese	mg/kg	1260	1260
Mercury	mg/kg	0.33	12.5
Molybdenum	mg/kg	2	28
Nickel	mg/kg	38	280
Selenium	mg/kg	2.02	4.1
Silver	mg/kg	560	2.99
Thallium	mg/kg	1	0.459
Tin	mg/kg	838	838
Uranium	mg/kg	250	100
Vanadium	mg/kg	89.4	116
Zinc	mg/kg	621	8980

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Table M-5. Summary of Tier 1 Wildlife Ecological Screening Levels

			NOAEL-based site-specific SSLs									LOAEL-based site-specific SSLs								
Analyte Group	**Soil ConstituentAnalyte Name**	**Units**	**California Quail**	**Meadow-lark**	**Killdeer**	**Red-tailed Hawk**	**Great Basin Pocket Mouse**	**Deer Mouse**	**Grass-hopper Mouse**	**Badger**	**NOAEL Lowest**	**California Quail**	**Meadow-lark**	**Killdeer**	**Red-tailed Hawk**	**Great Basin Pocket Mouse**	**Deer Mouse**	**Grass-hopper Mouse**	**Badger**	**LOAEL Lowest**
Radionuclides	Americium-241	pCi/g	---	---	---	---	---	---	---	---	---	28,900	25,000	11,900	17,800	72,100	48,700	41,400	4,840	4,840
	Carbon-14	pCi/g	---	---	---	---	---	---	---	---	---	54	60	56	50	61	60	135	32	32
	Curium-244	pCi/g	---	---	---	---	---	---	---	---	---	389,000	252,000	105,000	207,000	2.30E+06	722,000	499,000	50,800	50,800
	Cobalt-60	pCi/g	---	---	---	---	---	---	---	---	---	805	805	805	863	805	805	806	1,000	805
	Cesium-134	pCi/g	---	---	---	---	---	---	---	---	---	1,140	1,190	1,200	854	1,160	1,180	1,270	562	562
	Cesium 137	pCi/g	---	---	---	---	---	---	---	---	---	2,390	2,700	2,800	1,430	2,510	2,630	3,280	924	924
	Europium-152	pCi/g	---	---	---	---	---	---	---	---	---	1,740	1,740	1,740	1,880	1,740	1,740	1,740	2,220	1,740
	Europium-154	pCi/g	---	---	---	---	---	---	---	---	---	1,610	1,610	1,610	1,740	1,610	1,610	1,610	2,060	1,610
	Europium-155	pCi/g	---	---	---	---	---	---	---	---	---	33,400	33,400	33,400	37,300	33,400	33,400	33,400	48,600	33,400
	Hydrogen-3 (tritium)	pCi/g	---	---	---	---	---	---	---	---	---	1,430	1,280	936	1,130	3,270	2,290	2,830	420	420
	Neptunium-237	pCi/g	---	---	---	---	---	---	---	---	---	8,190	8,140	7,880	9,150	8,250	8,170	8,180	11,200	7,880
	Nickel-63	pCi/g	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Plutonium-238	pCi/g	---	---	---	---	---	---	---	---	---	36,300	56,200	20,900	26,800	291,000	161,000	161,000	5,980	5,980
	Plutonium-239/240	pCi/g	---	---	---	---	---	---	---	---	---	38,800	60,300	22,300	28,400	324,000	175,000	176,000	6,270	6,270
	Radium-226	pCi/g	---	---	---	---	---	---	---	---	---	168	142	58	377	285	165	199	193	58
	Radium-228	pCi/g	---	---	---	---	---	---	---	---	---	169	140	55	418	306	165	203	193	55
	Antimony-125	pCi/g	---	---	---	---	---	---	---	---	---	4,580	4,580	4,580	5,040	4,580	4,580	4,580	6,130	4,580
	Strontium 90	pCi/g	---	---	---	---	---	---	---	---	---	521	302	151	112	706	519	413	91	91
	Technetium-99	pCi/g	---	---	---	---	---	---	---	---	---	5,360	11,500	137,000	280,000	8,670	12,100	412,000	128,000	5,360
	Thorium-232	pCi/g	---	---	---	---	---	---	---	---	---	5,070	12,900	5,340	12,400	34,400	32,500	86,200	4,560	4,560
	Uranium-234	pCi/g	---	---	---	---	---	---	---	---	---	12,700	21,800	6,370	40,900	30,300	24,800	51,600	14,200	6,370
	Uranium-235	pCi/g	---	---	---	---	---	---	---	---	---	6,340	7,810	4,360	10,200	8,600	8,130	9,630	8,060	4,360
	Uranium-238	pCi/g	---	---	---	---	---	---	---	---	---	8,020	10,400	5,150	22,100	11,900	11,000	13,900	13,400	5,150
Metals	Aluminum	mg/kg	22,020	18,602	4,921	61,782	687	271	380	710	271	---	---	---	---	6,872	2,708	3,799	7,101	2,708
	Antimony	mg/kg	---	---	---	---	8.8	0.66	0.60	17	0.60	---	---	---	---	97	6.6	6.0	167	6.0
	Arsenic, Total all valence states	mg/kg	1,800	1,981	425	10,344	265	105	171	549	105	8,104	10,559	2,132	45,439	459	190	318	881	190
	Arsenic (III)	mg/kg	1,800	1,981	425	10,344	265	105	171	549	105	8,104	10,559	2,132	45,439	459	190	318	881	190
	Arsenic (V)	mg/kg	1,800	1,981	425	10,344	265	105	171	549	105	8,104	10,559	2,132	45,439	459	190	318	881	190
	Barium	mg/kg	1,229	1,271	660	14,442	2,082	1,889	4,605	18,843	660	2,464	2,548	1,323	28,954	3,470	3,148	7,676	31,405	1,323
	Beryllium	mg/kg	---	---	---	---	14	18	101	283	14	---	---	---	---	---	---	---	---	---
	Bismuth	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Boron	mg/kg	64	86	140	797	40	50	284	767	40	222	300	485	2,766	133	167	949	2,563	133

Table M-5. Summary of Tier 1 Wildlife Ecological Screening Levels

			NOAEL-based site-specific SSLs									LOAEL-based site-specific SSLs								
Analyte Group	Soil ConstituentAnalyte Name	Units	California Quail	Meadow-lark	Killdeer	Red-tailed Hawk	Great Basin Pocket Mouse	Deer Mouse	Grass-hopper Mouse	Badger	NOAEL Lowest	California Quail	Meadow-lark	Killdeer	Red-tailed Hawk	Great Basin Pocket Mouse	Deer Mouse	Grass-hopper Mouse	Badger	LOAEL Lowest
	Cadmium	mg/kg	151	2.8	0.89	1,375	76	1.5	1.3	455	0.89	278	5.1	1.6	2,335	2,065	28	24	5,228	1.6
	Chromium (total)	mg/kg	334	97	37	1,286	320	75	78	752	37	349	101	38	1,355	1,284	299	313	3,536	38
	Chromium (+3)	mg/kg	334	97	37	1,286	320	75	78	752	37	349	101	38	1,355	1,284	299	313	3,536	38
	Chromium (+6)	mg/kg	---	---	---	---	1,233	288	300	3,380	288	---	---	---	---	5,340	1,245	1,300	16,583	1,245
	Cobalt	mg/kg	1,425	305	109	1,601	2,174	261	250	1,346	109	1,461	313	111	1,633	3,233	388	372	1,869	111
	Copper	mg/kg	485	85	36	3,728	873	100	109	2,640	36	1,914	272	107	13,021	1,894	176	182	4,672	107
	Lead	mg/kg	247	49	16	979	1,204	151	153	2,005	16	537	115	36	2,433	2,544	332	336	4,108	36
	Lithium	mg/kg	---	---	---	---	3,189	1,258	1,749	257	257	---	---	---	---	6,379	2,517	3,498	515	515
	Manganese	mg/kg	16,369	24,184	9,588	113,951	4,227	4,115	18,430	20,464	4,115	31,823	48,820	19,636	221,536	5,828	5,798	27,720	28,213	5,798
	Mercury	mg/kg	3.1	0.35	0.036	25	0.49	0.030	0.029	8.7	0.029	36	21	3.6	134	8.0	1.9	3.2	43	1.9
	Molybdenum	mg/kg	35	27	18	98	1.7	1.4	2.8	7.1	1.4	345	270	179	977	17	14	28	71	14
	Nickel	mg/kg	1,081	79	31	6,037	303	18	16	637	16	1,912	136	53	11,078	676	36	33	1,438	33
	Selenium	mg/kg	5.6	3.7	1.7	158	2.1	1.2	1.8	32	1.2	10	8.2	4.3	417	3.0	1.9	3.2	60	1.9
	Silver	mg/kg	345	13	5.0	2,044	1,442	35	30	3,097	5.0	3,453	128	50	20,437	14,418	346	300	30,969	50
	Strontium	mg/kg	---	---	---	---	9,442	4,849	6,476	4,228	4,228	---	---	---	---	---	---	---	---	---
	Thallium	mg/kg	---	---	---	---	5.1	1.8	2.4	2.6	1.8	---	---	---	---	25	9.2	12	13	9.2
	Tin	mg/kg	82	128	231	1,852	187	252	2,691	5,107	82	204	318	575	4,603	279	377	4,025	7,639	204
	Uranium	mg/kg	2,502	2,691	785	18,730	610	393	748	1,694	393	---	---	---	---	1,217	786	1,494	3,383	786
	Vanadium	mg/kg	67	58	16	268	1,363	577	835	1,864	16	134	116	31	537	2,723	1,153	1,668	3,723	31
	Zinc	mg/kg	4,973	714	67	70,825	4,612	633	794	38,590	67	5,015	726	68	71,294	4,661	644	810	38,866	68

Table M-5. Summary of Tier 1 Wildlife Ecological Screening Levels

			NOAEL-based site-specific SSLs									LOAEL-based site-specific SSLs								
Analyte Group	**Soil ConstituentAnalyte Name**	**Units**	**California Quail**	**Meadow-lark**	**Killdeer**	**Red-tailed Hawk**	**Great Basin Pocket Mouse**	**Deer Mouse**	**Grass-hopper Mouse**	**Badger**	**NOAEL Lowest**	**California Quail**	**Meadow-lark**	**Killdeer**	**Red-tailed Hawk**	**Great Basin Pocket Mouse**	**Deer Mouse**	**Grass-hopper Mouse**	**Badger**	**LOAEL Lowest**
General Inorganics	Ammonia/Ammonium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Chloride	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Cyanide	mg/kg	---	---	---	---	27,971	20,693	78,123	38,061	20,693	---	---	---	---	---	---	---	---	---
	Fluoride (fluorine)	mg/kg	1,492	2,812	556	9,206	9,825	8,216	35,673	17,379	556	6,123	11,539	2,281	37,771	16,521	13,816	59,985	29,224	2,281
	Iodine	mg/kg	---	---	---	---	159	183	1,558	759	159	---	---	---	---	1,594	1,834	15,579	7,590	1,594
	Nitrate/Nitrite	mg/kg	---	---	---	---	206,422	152,711	576,537	280,885	152,711	---	---	---	---	460,073	340,361	######	626,035	340,361
	Phosphate	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Sulfate/Sulfite	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Total Organic Carbon	%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Volatile Organics	1,1-dichloroethane	mg/kg	3,615	217	83	13,955	20,357	574	502	22,894	83	7,230	435	165	27,909	---	---	---	---	165
	1,1-dichloroethene	mg/kg	3,615	217	83	11,433	12,214	344	301	12,238	83	7,230	434	165	22,866	---	---	---	---	165
	1,1,1-trichloroethane	mg/kg	3,615	217	82	8,936	407,144	11,444	10,016	349,074	82	7,230	433	165	17,871	---	---	---	---	165
	1,1,2-trichloroethane	mg/kg	3,615	217	83	12,031	407,144	11,472	10,041	420,572	83	7,230	434	165	24,063	---	---	---	---	165
	1,1,2,2-tetrachloroethane	mg/kg	3,615	217	82	9,549	3,636	102	89	3,255	82	7,230	433	165	19,098	36,358	1,022	894	32,554	165
	1,2-dichlorobenzene	mg/kg	88	91	82	4,343	282	294	854	17,612	82	176	182	164	8,687	---	---	---	---	164
	1,2-dichloroethane (DCA)	mg/kg	3,615	222	84	16,084	20,357	586	513	24,710	84	7,230	444	169	32,168	---	---	---	---	169
	1,3-dichlorobenzene	mg/kg	96	96	82	4,051	310	314	854	16,652	82	192	192	164	8,103	---	---	---	---	164
	2-butanone (Methyl Ethyl Ketone/MEK)	mg/kg	2,102	1,041	312	11,538	721,052	159,713	176,661	970,851	312	21,017	10,406	3,123	115,382	1.86E+06	412,224	455,968	2.51E+06	3,123
	2-hexanone	mg/kg	2,102	548	186	9,653	2,036	244	237	2,512	186	21,017	5,483	1,856	96,532	14,698	1,759	1,708	18,135	1,708
	Benzene	mg/kg	8,554	513	195	27,053	285	8.0	7.0	286	7.0	---	---	---	---	2,850	80	70	2,856	70
	Butanol	mg/kg	---	---	---	---	50,893	2,906	2,626	67,049	2,626	---	---	---	---	203,572	11,625	10,503	268,194	10,503

Table M-5. Summary of Tier 1 Wildlife Ecological Screening Levels

			NOAEL-based site-specific SSLs									LOAEL-based site-specific SSLs								
Analyte Group	**Soil ConstituentAnalyte Name**	**Units**	**California Quail**	**Meadow-lark**	**Killdeer**	**Red-tailed Hawk**	**Great Basin Pocket Mouse**	**Deer Mouse**	**Grass-hopper Mouse**	**Badger**	**NOAEL Lowest**	**California Quail**	**Meadow-lark**	**Killdeer**	**Red-tailed Hawk**	**Great Basin Pocket Mouse**	**Deer Mouse**	**Grass-hopper Mouse**	**Badger**	**LOAEL Lowest**
	Carbon Tetrachloride	mg/kg	3,615	216	82	7,382	6,514	183	160	4,904	82	7,230	433	165	14,765	---	---	---	---	165
	Chlorobenzene	mg/kg	3,615	216	82	6,672	7,939	223	195	5,561	82	7,230	433	165	13,345	15,756	442	387	11,036	165
	Chloroform	mg/kg	3,615	217	83	13,003	6,107	172	151	6,600	83	7,230	434	165	26,006	16,693	470	412	18,041	165
	Cis-1,2-dichloroethylene	mg/kg	3,615	217	83	13,446	18,403	518	453	20,271	83	7,230	434	165	26,892	---	---	---	---	165
	Dichloromethane (Methylene Chloride)	mg/kg	3,615	218	83	17,281	2,382	67	59	2,999	59	7,230	436	166	34,562	20,357	576	504	25,632	166
	Ethyl Benzene	mg/kg	159	183	194	12,721	342	384	1,357	33,025	159	---	---	---	---	1,027	1,151	4,075	99,076	1,027
	Methyl Isobutyl Ketone	mg/kg	2,102	573	193	10,211	721,052	90,040	87,996	915,292	193	21,017	5,729	1,927	102,114	1.86E+06	232,395	227,119	2.36E+06	1,927
	n-butyl Benzene	mg/kg	301	263	193	7,857	530	485	1,092	18,135	193	---	---	---	---	1,589	1,454	3,275	54,406	1,454
	Tetrachloroethylene	mg/kg	3,615	216	82	7,733	570	16	14	443	14	7,230	431	164	15,467	2,850	80	70	2,216	70
	Toluene	mg/kg	8,554	512	195	17,200	21,171	594	520	15,763	195	---	---	---	---	211,715	5,944	5,202	157,633	5,202
	Trans-1,2-dichloroethylene	mg/kg	3,615	217	83	11,881	18,403	518	453	18,869	83	7,230	434	165	23,763	---	---	---	---	165
	Trichloroethylene (TCE)	mg/kg	3,615	217	82	7,498	285	8.0	7.0	217	7.0	7,230	434	165	14,996	2,850	80	70	2,169	70
	Xylene	mg/kg	149	175	194	13,419	422	481	1,787	45,266	149	---	---	---	---	826	940	3,494	88,509	826
Polycyclic Aromatic Hydrocarbons	Acenaphthene	mg/kg	6,831	285	110	38,362	71,250	1,396	1,211	96,952	110	68,306	2,849	1,096	383,617	142,500	2,793	2,422	193,905	1,096
	Acenaphthylene	mg/kg	3,506	19	7.4	38,362	24,321	91	78	96,952	7.4	43,766	186	74	383,617	54,132	183	156	193,905	74
	Anthracene	mg/kg	3,405	170	68	38,362	178,811	4,784	4,213	554,013	68	43,405	1,716	678	383,617	---	---	---	---	678
	Benzo(a)pyrene	mg/kg	47	6.0	2.4	767	60	8.1	7.6	554	2.4	---	---	---	---	635	81	76	5,540	76
	Benzo(a)anthracene	mg/kg	118	5.2	2.0	767	307	7.3	6.4	554	2.0	---	---	---	---	3,636	73	64	5,540	64
	Benzo(b)fluoranthene	mg/kg	22	3.0	1.3	767	25	4.1	3.9	554	1.3	---	---	---	---	247	41	39	5,540	39
	Benzo(ghi)perylene	mg/kg	12	2.6	1.1	767	13	3.5	3.5	554	1.1	---	---	---	---	89	32	35	5,540	32

Table M-5. Summary of Tier 1 Wildlife Ecological Screening Levels

			NOAEL-based site-specific SSLs									LOAEL-based site-specific SSLs								
Analyte Group	Soil ConstituentAnalyte Name	Units	California Quail	Meadow-lark	Killdeer	Red-tailed Hawk	Great Basin Pocket Mouse	Deer Mouse	Grass-hopper Mouse	Badger	NOAEL Lowest	California Quail	Meadow-lark	Killdeer	Red-tailed Hawk	Great Basin Pocket Mouse	Deer Mouse	Grass-hopper Mouse	Badger	LOAEL Lowest
	Benzo[k]fluoranthene	mg/kg	136	3.2	1.3	767	406	4.6	3.9	554	1.3	---	---	---	---	4,069	46	39	5,540	39
	Chrysene	mg/kg	118	3.6	1.4	767	307	5.1	4.5	554	1.4	---	---	---	---	3,636	51	45	5,540	45
	Dibenz(ah)anthracene	mg/kg	44	3.5	1.4	767	54	4.9	4.4	554	1.4	---	---	---	---	543	49	44	5,540	44
	Fluoranthene	mg/kg	15	2.5	1.1	767	1,957	421	420	69,252	1.1	---	---	---	---	3,915	841	839	138,503	839
	Fluorene	mg/kg	6,831	45	18	38,362	50,893	157	134	69,252	18	68,306	446	175	383,617	101,786	313	267	138,503	175
	Indeno[1,2,3-cd]pyrene	mg/kg	49	2.9	1.2	767	63	4.0	3.6	554	1.2	---	---	---	---	626	40	36	5,540	36
	2-Methylnaphthalene	mg/kg	5.0	5.7	155	38,362	5.0	5.5	500	27,867	5.0	8.4	9.5	1,547	383,617	6.0	6.5	1,132	63,047	6.0
	Naphthalene	mg/kg	34	37	416	38,362	33	36	116	27,701	33	340	369	378	383,617	100	109	348	83,102	100
	Phenanthrene	mg/kg	4,329	236	94	38,362	301,134	6,731	5,919	554,013	94	56,061	2,406	943	383,617	---	---	---	---	943
	Pyrene	mg/kg	11	3.9	1.9	767	825	360	436	41,551	1.9	---	---	---	---	1,375	600	727	69,252	600
	Total PAHs	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Low MW PAHs	mg/kg	6,592	12,623	2,316	38,362	25,369	19,170	74,597	36,343	2,316	67,600	128,679	23,165	383,617	130,652	97,560	372,987	181,716	23,165
	High MW PAHs	mg/kg	40	72	46	767	29	39	699	341	29					157	209	3,491	1,701	157
Petro-leum	Gasoline Range Organics	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	TPH - diesel	mg/kg	105,086	199,535	35,638	590,179	407,144	301,205	#######	554,013	35,638	1.05E+06	2.00E+06	356,382	5.90E+06	610,716	451,807	######	831,020	356,382
	TPH - kerosene	mg/kg	105,086	199,535	35,638	590,179	407,144	301,205	#######	554,013	35,638	1.05E+06	2.00E+06	356,382	5.90E+06	610,716	451,807	######	831,020	356,382
Semivolatile Organics	Normal paraffin hydrocarbons	mg/kg	170,870	324,445	57,948	959,632	407,144	301,205	#######	554,013	57,948	---	---	---	---	610,716	451,807	######	831,020	451,807
	Phenol	mg/kg	---	---	---	---	4,886	526	504	5,919	504	---	---	---	---	14,657	1,578	1,511	17,756	1,511
	2-methylphenol (ocresol)	mg/kg	---	---	---	---	127,436	10,038	9,293	134,503	9,293	---	---	---	---	---	---	---	---	---
	4-methylphenol (pcresol)	mg/kg	---	---	---	---	127,436	10,102	9,358	136,361	9,358	---	---	---	---	---	---	---	---	---

Table M-5. Summary of Tier 1 Wildlife Ecological Screening Levels

			NOAEL-based site-specific SSLs									LOAEL-based site-specific SSLs								
Analyte Group	Soil ConstituentAnalyte Name	Units	California Quail	Meadow-lark	Killdeer	Red-tailed Hawk	Great Basin Pocket Mouse	Deer Mouse	Grass-hopper Mouse	Badger	NOAEL Lowest	California Quail	Meadow-lark	Killdeer	Red-tailed Hawk	Great Basin Pocket Mouse	Deer Mouse	Grass-hopper Mouse	Badger	LOAEL Lowest
	2,4-dinitrotoluene	mg/kg	0.29	0.30	0.20	7.2	14	13	36	286	0.20	38	39	26	932	29	28	74	597	26
	Bis[2-ethylhexyl] phthalate	mg/kg	111	0.35	0.14	263	1,733	5.4	4.6	3,599	0.14	---	---	---	---	17,332	54	45	35,994	45
	Polychlorinated Biphenyls (PCB) [b]	mg/kg	10	0.65	0.33	25	2.9	0.30	0.27	8.5	0.27	100	3.6	1.8	251	29	1.6	1.5	85	1.5
	Aroclor 1016 [b]	mg/kg	6.4	0.64	0.33	22	35	2.8	2.5	150	0.33	64	3.6	1.8	218	88	5.3	4.8	377	1.8
	Aroclor 1221 [b]	mg/kg	2.7	0.61	0.33	24	0.69	0.25	0.27	8.2	0.25	27	3.4	1.8	240	6.9	1.5	1.5	82	1.5
	Aroclor 1232 [b]	mg/kg	2.2	0.59	0.33	26	0.55	0.24	0.27	8.8	0.24	22	3.4	1.8	262	5.5	1.4	1.5	88	1.4
	Aroclor 1242 [b]	mg/kg	10	0.65	0.33	26	3.1	0.30	0.27	8.7	0.27	104	3.6	1.8	256	31	1.6	1.5	87	1.5
	Aroclor 1248 [b]	mg/kg	9.4	0.65	0.33	24	0.35	0.060	0.060	1.1	0.060	94	3.6	1.8	243	3.5	0.35	0.32	11	0.32
	Aroclor 1254	mg/kg	12	0.65	0.33	27	3.5	0.30	0.27	9.1	0.27	115	3.6	1.8	273	35	1.6	1.5	91	1.5
	Aroclor 1260 [b]	mg/kg	20	0.66	0.33	51	7.7	0.30	0.27	15	0.27	204	3.6	1.8	515	77	1.6	1.5	154	1.5
	Aroclor-1262 [b]	mg/kg	38	72	13	212	28	20	77	38	13	378	718	128	2,125	277	205	773	377	128
Herbicide	Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pesticide	Aldrin	mg/kg	0.45	0.080	0.033	1.1	10	2.0	2.0	27	0.033	2.2	0.40	0.16	5.3	51	9.9	9.8	134	0.16
	beta-1,2,3,4,5,6-Hexachlorocyclohexane	mg/kg	4.1	3.6	2.7	112	1.9	1.7	4.0	67	1.7	6.2	5.5	4.1	168	9.4	8.7	20	335	4.1
	alpha-Chlordane	mg/kg	122	24	10	302	93	21	21	264	10	608	121	50	1,508	925	205	207	2,641	50
	gamma-Chlordane	mg/kg	122	24	10	302	93	20	21	264	10	608	121	50	1,508	925	204	206	2,641	50
	Dichlorodiphenyldichloroethane (DDD) [c]	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Dichlorodiphenyldichloroethylene (DDE) [c]	mg/kg	30	0.21	0.072	0.062	20	0.11	0.095	0.032	0.032	300	2.3	0.80	1.7	136	0.71	0.59	0.40	0.40
	Dichlorodiphenyltrichloroethane	mg/kg	30	0.30	0.10	2.5	20	0.16	0.14	1.4	0.10	300	3.5	1.2	46	136	1.0	0.88	13	0.88
	Dieldrin	mg/kg	1.9	0.062	0.025	1.6	0.28	0.012	0.010	0.35	0.010	6.1	0.20	0.079	5.2	0.57	0.024	0.021	0.69	0.021

Table M-5. Summary of Tier 1 Wildlife Ecological Screening Levels

			NOAEL-based site-specific SSLs									LOAEL-based site-specific SSLs								
Analyte Group	Soil ConstituentAnalyte Name	Units	California Quail	Meadow-lark	Killdeer	Red-tailed Hawk	Great Basin Pocket Mouse	Deer Mouse	Grass-hopper Mouse	Badger	NOAEL Lowest	California Quail	Meadow-lark	Killdeer	Red-tailed Hawk	Great Basin Pocket Mouse	Deer Mouse	Grass-hopper Mouse	Badger	LOAEL Lowest
	Endosulfan I	mg/kg	93	66	41	1,671	0.92	0.71	1.3	22	0.71	---	---	---	---	---	---	---	---	---
	Endosulfan II	mg/kg	93	66	41	1,671	0.92	0.71	1.3	22	0.71	---	---	---	---	---	---	---	---	---
	Endosulfan sulfate	mg/kg	63	55	41	2,160	0.61	0.56	1.3	27	0.56	---	---	---	---	---	---	---	---	---
	Endrin aldehyde	mg/kg	2.6	0.52	0.23	53	0.51	0.14	0.14	14	0.14	---	---	---	---	5.1	1.4	1.4	140	1.4
	Methoxychlor	mg/kg	---	---	---	---	60	11	11	441	11	---	---	---	---	120	22	22	882	22
			91	91	91	91	105	105	105	105	105	67	67	67	67	85	85	85	85	97

a Values for diethyl phthalate and di-n-butyl phthalate were used as a surrogate for bis(2)ethylhexyl phthalate
b Aroclor 1254 value was used as surrogate.
c DDT values used as a surrogate for DDE and DDD.
High MW PAHs = High molecular weight polycyclic aromatic hydrocarbons
Low MW PAHs = Low molecular weight polycyclic aromatic hydrocarbons
mg/kg = Milligram per kilogram
pCi/g = Pico Curie per gram
SSL = Soil screening level
TPH = Total petroleum hydrocarbons
--- = Value not available

Table M-6. Summary of Tier 2 Wildlife Ecological Screening Levels

Analyte Group	Analyte Name	Units	California Quail	Western Meadowlark	Killdeer	Red-Tailed Hawk	Great Basin Pocket Mouse	Deer Mouse	Grasshopper Mouse	Badger	Lowest PRG
Metal	Aluminum	mg/kg	19,217	31,220	7,214	74,599	4,883	3,988	13,059	7,811	3,988
Metal	Antimony	mg/kg	NTD	NTD	NTD	NTD	231	146	366	NBD	146
Metal	Arsenic	mg/kg	4,776	7,403	2,284	40,102	201	127	302	847	127
Metal	Barium	mg/kg	1,721	2,335	1,687	8,101	2,265	2,617	11,873	12,430	1,687
Metal	Beryllium	mg/kg	NTD	NTD	NTD	NTD	18	22	181	NBD	18
Metal	Boron	mg/kg	248	144	91	2,714	122	91	170	2,516	91
Metal	Cadmium	mg/kg	294	103	29	1,711	2,203	624	858	4,704	29
Metal	Chromium	mg/kg	193	221	109	2,595	544	517	1,424	4,918	109
Metal	Cobalt	mg/kg	1,397	2,050	484	4,798	2,901	2,136	5,610	4,234	484
Metal	Copper	mg/kg	2,020	1,532	213	12,881	2,176	579	1,217	4,631	213
Metal	Lead	mg/kg	559	664	156	2,300	2,672	1,578	3,807	3,966	156
Metal	Lithium	mg/kg					1664	1797	8347	6,522	1,664
Metal	Manganese	mg/kg	20,746	26,026	14,407	150,899	3,322	3,467	11,780	21,916	3,322
Metal	Mercury	mg/kg	36	4.7	2	92	7.9	1.6	1.8	33	1.6
Metal	Molybdenum	mg/kg	125	117	95	515	5.9	5.7	14	38	5.7
Metal	Nickel	mg/kg	2,051	1,127	361	11,625	711	247	342	1,520	247
Metal	Selenium	mg/kg	10	4.9	2.4	24	2.7	1.4	1.9	8.8	1.4
Metal	Silver	mg/kg	4,238	3,973	983	20,186	24,465	9,806	14,362	30,778	983
Metal	Strontium (Elemental)	mg/kg	NTD	NTD	NTD	NTD	1,214	1,449	6,540	8,256	1,214
Metal	Thallium	mg/kg	NTD	NTD	NTD	NTD	8.7	6.2	12	25	6.2
Metal	Tin	mg/kg	97	98	84	335	130	133	365	693	84
Metal	Uranium (Calculated Total)	mg/kg	2,002	339	139	82	812	123	119	40	40
Metal	Vanadium	mg/kg	81	107	43	505	260	297	4,531	3,596	43
Metal	Zinc	mg/kg	6,289	4,662	856	906	6,711	3,331	12,666	1,037	856

Table M-7. Summary of Sediment Ecological Screening Levels

Analyte Name	Units	ESL	Source of Value
4,4'-DDD (Dichlorodiphenyldichloroethane)	ug/kg	8.0	OMOE 1993
4,4'-DDE (Dichlorodiphenyldichloroethylene)	ug/kg	3.2	TEC
Acetone	ug/kg	8.7	ORNL 1997
Alpha-BHC	ug/kg	6.0	OMOE 1993
Alpha-Chlordane	ug/kg	0.030	Dutch -target
Aluminum	ug/kg	1.40E+07	ERL
Americium-241	pCi/g	5,150	BCG
Antimony	ug/kg	400	Michelsen 2003
Arsenic	ug/kg	20,000	Michelsen, 2003
Barium	ug/kg	300,000	Buchman 2008
beta-1,2,3,4,5,6-Hexachlorocyclohexane (beta-BHC)	ug/kg	5.0	LEL
Bis(2-ethylhexyl) phthalate	ug/kg	230	Michelsen, 2003
Cadmium	ug/kg	600	Michelsen, 2003
Carbon-14	pCi/g	59,000	USDOE 2006
Cesium-137	pCi/g	3,120	USDOE 2006
Chromium	ug/kg	95,000	Michelsen 2003
Cobalt	ug/kg	50,000	LEL
Cobalt-57	pCi/g	1,460	USDOE 2006
Cobalt-60	pCi/g	1,460	USDOE 2006
Copper	ug/kg	80,000	Michelsen, 2003
Delta-BHC	ug/kg	120	ORNL 1997
Di-n-butylphthalate	ug/kg	7,000	Dutch -target
Endosulfan I	ug/kg	0.010	Dutch -target
Endrin	ug/kg	2.2	TEC
Endrin aldehyde	ug/kg	2.2	TEC
Europium-152	pCi/g	3,040	USDOE 2006
Europium-154	pCi/g	2,570	USDOE 2006
Europium-155	pCi/g	31,600	BCG
Gamma-BHC (Lindane)	ug/kg	2.4	TEC
gamma-Chlordane	ug/kg	0.030	Dutch -target
Heptachlor epoxide	ug/kg	2.5	MacDonald et al. 2000
Iron	ug/kg	2.00E+07	LEL
Lead	ug/kg	335,000	Michelsen 2003
Manganese	ug/kg	460,000	LEL
Mercury	ug/kg	500	Michelsen 2003
Molybdenum	ug/kg	250,000	Crommentuijn 2000
Nickel	ug/kg	60,000	Michelsen, 2003
Phosphorus	ug/kg	600,000	OMOE 1993
Plutonium-238	pCi/g	5,730	BCG
Plutonium-239/240	pCi/g	5,860	USDOE 2006
Selenium	ug/kg	4,000	Van Derveer and Canton 1997
Silver	ug/kg	2,000	Michelsen 2003
Strontium-90	pCi/g	582	USDOE 2006
Technetium-99	pCi/g	42,200	USDOE 2006
Thallium	ug/kg	2,600	Crommentuijn 2000

Table M-7. Summary of Sediment Ecological Screening Levels

Analyte Name	Units	ESL	Source of Value
Tin	ug/kg	239,000	Crommentuijn, 2000
Toluene	ug/kg	50	ORNL 1997
Total High Mol Weight PAHs	ug/kg	31,000	Michelsen 2003
Total Low Mol Weight PAHs	ug/kg	6,600	Michelsen 2003
Total PCBs	ug/kg	60	Michelsen 2003
Total Petroleum Hydrocarbons - diesel range	ug/kg	1,750	Battelle 2007
Total Petroleum Hydrocarbons - motor oil (high boiling)	ug/kg	9,880	Battelle 2007
Tritium	pCi/g	374,000	USDOE 2006
Uranium	ug/kg	100,000	Sheppard et al., 2005
Uranium-233/234	pCi/g	5,270	USDOE 2006
Uranium-234	pCi/g	5,270	USDOE 2006
Uranium-235	pCi/g	3,730	USDOE 2006
Uranium-238	pCi/g	2,490	USDOE 2006
Zinc	ug/kg	140,000	Michelsen, 2003
Zirconium-95	pCi/g	2330	BCG

Table M-8. Summary of Groundwater Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 Area Near-Shore Wells	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	N	6/4/2010	11/11/2010	18	0	0	0.090	0.090	--	--	--	--	--	--
300 Area Near-Shore Wells	1,1,1-Trichloroethane	71-55-6	ug/L	N	1/4/2006	4/5/2011	323	0	0	0.035	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	1,1,1-Trichloroethane	71-55-6	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	N	6/4/2010	12/6/2010	28	0	0	0.098	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	1,1,2-Trichloroethane	79-00-5	ug/L	N	1/4/2006	4/5/2011	323	0	0	0.092	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	1,1,2-Trichloroethane	79-00-5	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	1,1-Dichloroethane	75-34-3	ug/L	N	1/4/2006	4/5/2011	323	0	0	0.046	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	1,1-Dichloroethane	75-34-3	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	1,1-Dichloroethene	75-35-4	ug/L	N	1/4/2006	4/5/2011	323	0	0	0.045	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	1,1-Dichloroethene	75-35-4	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	1,2,3-Trichloropropane	96-18-4	ug/L	N	6/4/2010	11/11/2010	18	0	0	0.15	0.15	--	--	--	--	--	--
300 Area Near-Shore Wells	1,2,4-Trichlorobenzene	120-82-1	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	N	6/4/2010	11/11/2010	18	0	0	0.41	0.41	--	--	--	--	--	--
300 Area Near-Shore Wells	1,2-Dibromoethane	106-93-4	ug/L	N	6/4/2010	11/11/2010	18	0	0	0.13	0.13	--	--	--	--	--	--
300 Area Near-Shore Wells	1,2-Dichlorobenzene	95-50-1	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	1,2-Dichloroethane	107-06-2	ug/L	N	1/4/2006	4/5/2011	323	0	0	0.10	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	1,2-Dichloroethane	107-06-2	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	1,2-Dichloroethene (Total)	540-59-0	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	1,2-Dichloroethene (Total)	540-59-0	ug/L	N	6/4/2010	12/6/2010	28	9	32	0.15	1.0	0.19	270	--	--	--	--
300 Area Near-Shore Wells	1,2-Dichloropropane	78-87-5	ug/L	N	6/4/2010	12/6/2010	28	0	0	0.097	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	1,2-Dichloropropane	78-87-5	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	1,3-Dichlorobenzene	541-73-1	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	1,4-Dichlorobenzene	106-46-7	ug/L	N	1/4/2006	4/5/2011	313	2	0.64	0.047	1.0	0.43	0.57	--	--	--	--
300 Area Near-Shore Wells	1,4-Dioxane	123-91-1	ug/L	N	1/4/2006	11/11/2010	132	0	0	2.0	12	--	--	--	--	--	--
300 Area Near-Shore Wells	1-Butanol	71-36-3	ug/L	N	1/4/2006	4/5/2011	313	0	0	2.6	100	--	--	--	--	--	--
300 Area Near-Shore Wells	2,4,5-Trichlorophenol	95-95-4	ug/L	N	1/19/2006	1/19/2006	2	0	0	25	25	--	--	--	--	--	--
300 Area Near-Shore Wells	2,4,6-Trichlorophenol	88-06-2	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	2,4-Dichlorophenol	120-83-2	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	2,4-Dimethylphenol	105-67-9	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	2,4-Dinitrophenol	51-28-5	ug/L	N	1/19/2006	1/19/2006	2	0	0	25	25	--	--	--	--	--	--
300 Area Near-Shore Wells	2,4-Dinitrotoluene	121-14-2	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	2,6-Dinitrotoluene	606-20-2	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	2-Butanone	78-93-3	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	2-Butanone	78-93-3	ug/L	N	1/4/2006	4/5/2011	323	1	0.31	0.52	1.8	1.8	1.8	--	--	--	--
300 Area Near-Shore Wells	2-Chloronaphthalene	91-58-7	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	2-Chlorophenol	95-57-8	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	2-Hexanone	591-78-6	ug/L	N	6/4/2010	12/6/2010	28	0	0	0.22	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	2-Hexanone	591-78-6	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	2-Methylnaphthalene	91-57-6	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	2-Methylphenol (cresol, o-)	95-48-7	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	2-Nitroaniline	88-74-4	ug/L	N	1/19/2006	1/19/2006	2	0	0	25	25	--	--	--	--	--	--
300 Area Near-Shore Wells	2-Nitrophenol	88-75-5	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	3,3'-Dichlorobenzidine	91-94-1	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	3+4 Methylphenol (cresol, m+p)	65794-96-9	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	3-Nitroaniline	99-09-2	ug/L	N	1/19/2006	1/19/2006	2	0	0	25	25	--	--	--	--	--	--
300 Area Near-Shore Wells	4,4'-DDD (Dichlorodiphenyldichloroethane)	72-54-8	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	--	--	--	--
300 Area Near-Shore Wells	4,4'-DDE (Dichlorodiphenyldichloroethylene)	72-55-9	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	--	--	--	--
300 Area Near-Shore Wells	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	N	1/19/2006	1/19/2006	2	0	0	25	25	--	--	--	--	--	--
300 Area Near-Shore Wells	4-Bromophenylphenyl ether	101-55-3	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	4-Chloro-3-methylphenol	59-50-7	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	4-Chloroaniline	106-47-8	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	4-Chlorophenylphenyl ether	7005-72-3	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--

Table M-8. Summary of Groundwater Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 Area Near-Shore Wells	4-Methyl-2-pentanone	108-10-1	ug/L	N	1/4/2006	4/5/2011	323	0	0	0.12	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	4-Methyl-2-pentanone	108-10-1	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	4-Nitroaniline	100-01-6	ug/L	N	1/19/2006	1/19/2006	2	0	0	25	25	--	--	--	--	--	--
300 Area Near-Shore Wells	4-Nitrophenol	100-02-7	ug/L	N	1/19/2006	1/19/2006	2	0	0	25	25	--	--	--	--	--	--
300 Area Near-Shore Wells	Acenaphthene	83-32-9	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Acenaphthylene	208-96-8	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Acetone	67-64-1	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Acetone	67-64-1	ug/L	N	1/4/2006	4/5/2011	323	11	3.4	0.34	1.0	0.71	41	--	--	--	--
300 Area Near-Shore Wells	Acetonitrile	75-05-8	ug/L	N	6/4/2010	11/11/2010	18	0	0	2.0	2.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Alkalinity	ALKALINITY	ug/L	N	1/4/2006	4/5/2011	277	277	100	--	--	60,000	170,000	--	--	147,127	21
300 Area Near-Shore Wells	Alkalinity	ALKALINITY	ug/L	Y	12/6/2010	12/6/2010	1	1	100	--	--	110,000	110,000	--	--	147,127	--
300 Area Near-Shore Wells	Allyl chloride	107-05-1	ug/L	N	6/4/2010	11/11/2010	18	0	0	0.11	0.11	--	--	--	--	--	--
300 Area Near-Shore Wells	Alpha-BHC	319-84-6	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	--	--	--	--
300 Area Near-Shore Wells	Anthracene	120-12-7	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Antimony	7440-36-0	ug/L	Y	1/4/2006	4/5/2011	179	2	1.1	0.60	720	45	52	--	--	55	--
300 Area Near-Shore Wells	Antimony	7440-36-0	ug/L	N	1/19/2006	4/5/2011	143	4	2.8	0.30	60	33	55	--	--	55	--
300 Area Near-Shore Wells	Barium	7440-39-3	ug/L	Y	1/4/2006	4/5/2011	179	179	100	--	--	20	82	--	--	105	--
300 Area Near-Shore Wells	Barium	7440-39-3	ug/L	N	1/19/2006	4/5/2011	143	143	100	--	--	15	83	--	--	105	--
300 Area Near-Shore Wells	Benzene	71-43-2	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Benzene	71-43-2	ug/L	N	1/4/2006	4/5/2011	323	4	1.2	0.064	1.0	2.5	2.8	--	--	--	--
300 Area Near-Shore Wells	Benzo(a)anthracene	56-55-3	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Benzo(a)pyrene	50-32-8	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Benzo(b)fluoranthene	205-99-2	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Benzo(ghi)perylene	191-24-2	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Benzo(k)fluoranthene	207-08-9	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Beryllium	7440-41-7	ug/L	Y	1/4/2006	4/5/2011	179	5	2.8	0.10	10	0.21	3.4	--	--	2.3	1
300 Area Near-Shore Wells	Beryllium	7440-41-7	ug/L	N	1/19/2006	4/5/2011	143	0	0	0.050	4.0	--	--	--	--	2.3	--
300 Area Near-Shore Wells	Beryllium-7	13966-02-4	pCi/L	N	1/19/2006	1/19/2006	2	0	0	120	260	--	--	--	--	8.6	--
300 Area Near-Shore Wells	beta-1,2,3,4,5,6-Hexachlorocyclohexane (beta-BHC)	319-85-7	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	--	--	--	--
300 Area Near-Shore Wells	Bis(2-chloro-1-methylethyl)ether	108-60-1	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Bis(2-Chloroethoxy)methane	111-91-1	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Bis(2-chloroethyl) ether	111-44-4	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	N	1/19/2006	1/19/2006	2	2	100	--	--	3.0	4.0	--	--	--	--
300 Area Near-Shore Wells	Bismuth	7440-69-9	ug/L	Y	6/4/2010	12/6/2010	19	1	5.3	23	37	24	24	--	--	--	--
300 Area Near-Shore Wells	Bismuth	7440-69-9	ug/L	N	1/19/2006	12/6/2010	30	4	13	6.1	37	26	47	--	--	--	--
300 Area Near-Shore Wells	Boron	7440-42-8	ug/L	Y	6/4/2010	12/6/2010	19	6	32	19	41	19	86	--	--	36	2
300 Area Near-Shore Wells	Boron	7440-42-8	ug/L	N	1/19/2006	12/6/2010	30	6	20	19	41	28	118	--	--	36	5
300 Area Near-Shore Wells	Bromide	24959-67-9	ug/L	N	1/19/2006	4/5/2011	76	41	54	90	250	92	212	--	--	124	30
300 Area Near-Shore Wells	Bromide	24959-67-9	ug/L	Y	12/6/2010	12/6/2010	1	0	0	110	110	--	--	--	--	124	--
300 Area Near-Shore Wells	Bromodichloromethane	75-27-4	ug/L	N	6/4/2010	12/6/2010	28	0	0	0.088	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Bromodichloromethane	75-27-4	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Bromoform	75-25-2	ug/L	N	6/4/2010	12/6/2010	28	0	0	0.17	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Bromoform	75-25-2	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Bromomethane	74-83-9	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Bromomethane	74-83-9	ug/L	N	6/4/2010	12/6/2010	28	2	7.1	0.13	1.0	0.56	0.77	--	--	--	--
300 Area Near-Shore Wells	Butylbenzylphthalate	85-68-7	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Calcium	7440-70-2	ug/L	N	1/19/2006	4/5/2011	143	143	100	--	--	13,800	61,200	--	--	52,644	28
300 Area Near-Shore Wells	Calcium	7440-70-2	ug/L	Y	1/4/2006	4/5/2011	179	178	99	27	27	13,900	61,200	--	--	52,644	32
300 Area Near-Shore Wells	Carbazole	86-74-8	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Carbon disulfide	75-15-0	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Carbon disulfide	75-15-0	ug/L	N	1/4/2006	4/5/2011	323	6	1.9	0.031	1.0	0.056	0.66	--	--	--	--
300 Area Near-Shore Wells	Carbon tetrachloride	56-23-5	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Carbon tetrachloride	56-23-5	ug/L	N	1/4/2006	4/5/2011	323	7	2.2	0.039	1.0	0.11	4.0	--	--	--	--

Table M-8. Summary of Groundwater Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 Area Near-Shore Wells	Chlorobenzene	108-90-7	ug/L	N	9/6/2007	4/5/2011	218	0	0	0.15	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Chlorobenzene	108-90-7	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Chloroethane	75-00-3	ug/L	N	6/4/2010	12/6/2010	28	0	0	0.099	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Chloroethane	75-00-3	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Chloroform	67-66-3	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Chloroform	67-66-3	ug/L	N	1/4/2006	4/5/2011	323	5	1.6	0.048	1.0	0.20	1.1	--	--	--	--
300 Area Near-Shore Wells	Chloromethane	74-87-3	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Chloromethane	74-87-3	ug/L	N	6/4/2010	12/6/2010	28	1	3.6	0.077	1.0	0.14	0.14	--	--	--	--
300 Area Near-Shore Wells	Chloroprene	126-99-8	ug/L	N	6/4/2010	11/11/2010	18	0	0	0.097	0.097	--	--	--	--	--	--
300 Area Near-Shore Wells	Chrysene	218-01-9	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	cis-1,2-Dichloroethylene	156-59-2	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	cis-1,2-Dichloroethylene	156-59-2	ug/L	N	1/4/2006	4/5/2011	323	75	23	0.048	1.0	0.10	400	--	--	--	--
300 Area Near-Shore Wells	cis-1,3-Dichloropropene	10061-01-5	ug/L	N	6/4/2010	12/6/2010	28	0	0	0.073	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	cis-1,3-Dichloropropene	10061-01-5	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Cobalt	7440-48-4	ug/L	N	1/19/2006	4/5/2011	143	8	5.6	0.050	5.0	0.15	1.7	--	--	0.92	3
300 Area Near-Shore Wells	Cobalt	7440-48-4	ug/L	Y	1/4/2006	4/5/2011	179	21	12	0.10	70	0.11	8.6	--	--	0.92	13
300 Area Near-Shore Wells	Delta-BHC	319-86-8	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	--	--	--	--
300 Area Near-Shore Wells	Dibenz[a,h]anthracene	53-70-3	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Dibenzofuran	132-64-9	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Dibromochloromethane	124-48-1	ug/L	N	6/4/2010	12/6/2010	28	0	0	0.13	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Dibromochloromethane	124-48-1	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Dibromomethane	74-95-3	ug/L	N	6/4/2010	11/11/2010	18	0	0	0.21	0.21	--	--	--	--	--	--
300 Area Near-Shore Wells	Dichlorodifluoromethane	75-71-8	ug/L	N	6/4/2010	11/11/2010	18	0	0	0.084	0.084	--	--	--	--	--	--
300 Area Near-Shore Wells	Diethylphthalate	84-66-2	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Dimethyl phthalate	131-11-3	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Di-n-butylphthalate	84-74-2	ug/L	N	1/19/2006	1/19/2006	2	2	100	--	--	1.0	3.0	--	--	--	--
300 Area Near-Shore Wells	Di-n-octylphthalate	117-84-0	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Dissolved oxygen	DO	ug/L	Y	1/28/2011	1/28/2011	1	1	100	--	--	10,540	10,540	--	--	--	--
300 Area Near-Shore Wells	Dissolved oxygen	DO	ug/L	N	1/4/2006	4/5/2011	259	257	99	--	--	6.0	10,810	--	--	--	--
300 Area Near-Shore Wells	Endosulfan sulfate	1031-07-8	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	--	--	--	--
300 Area Near-Shore Wells	Endrin aldehyde	7421-93-4	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	--	--	--	--
300 Area Near-Shore Wells	Endrin ketone	53494-70-5	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	--	--	--	--
300 Area Near-Shore Wells	Ethyl cyanide	107-12-0	ug/L	N	1/4/2006	4/5/2011	313	0	0	1.4	2.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Ethyl methacrylate	97-63-2	ug/L	N	6/4/2010	11/11/2010	18	0	0	0.11	0.11	--	--	--	--	--	--
300 Area Near-Shore Wells	Ethylbenzene	100-41-4	ug/L	N	1/4/2006	4/5/2011	323	0	0	0.064	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Ethylbenzene	100-41-4	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Fluoranthene	206-44-0	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Fluorene	86-73-7	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Fluoride	16984-48-8	ug/L	N	1/4/2006	4/5/2011	276	276	100	--	--	52	1,630	--	--	1,047	4
300 Area Near-Shore Wells	Fluoride	16984-48-8	ug/L	Y	12/6/2010	12/6/2010	1	1	100	--	--	332	332	--	--	1,047	--
300 Area Near-Shore Wells	Gross alpha	12587-46-1	pCi/L	N	1/19/2006	4/5/2011	129	123	95	0.24	2.0	1.3	96	--	--	--	--
300 Area Near-Shore Wells	Gross beta	12587-47-2	pCi/L	N	1/19/2006	4/5/2011	129	129	100	--	--	3.4	63	--	--	3.1	129
300 Area Near-Shore Wells	Hexachlorobenzene	118-74-1	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Hexachlorobutadiene	87-68-3	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Hexachlorocyclopentadiene	77-47-4	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Hexachloroethane	67-72-1	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Iodomethane	74-88-4	ug/L	N	6/4/2010	11/11/2010	18	2	11	0.092	0.092	0.74	0.75	--	--	--	--
300 Area Near-Shore Wells	Isobutyl alcohol	78-83-1	ug/L	N	6/4/2010	11/11/2010	18	0	0	8.7	8.7	--	--	--	--	--	--
300 Area Near-Shore Wells	Isophorone	78-59-1	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Lithium	7439-93-2	ug/L	N	1/19/2006	12/6/2010	30	24	80	4.0	4.0	4.0	28	--	--	11,321	--
300 Area Near-Shore Wells	Lithium	7439-93-2	ug/L	Y	6/4/2010	12/6/2010	19	15	79	4.0	4.0	4.0	28	--	--	11,321	--
300 Area Near-Shore Wells	Magnesium	7439-95-4	ug/L	N	1/19/2006	4/5/2011	143	143	100	--	--	3,070	15,000	--	--	24,816	--

Table M-8. Summary of Groundwater Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 Area Near-Shore Wells	Magnesium	7439-95-4	ug/L	Y	1/4/2006	4/5/2011	179	178	99	14	14	3,440	15,400	--	--	24,816	--
300 Area Near-Shore Wells	Manganese	7439-96-5	ug/L	N	1/19/2006	4/5/2011	143	35	24	0.20	6.0	1.7	319	--	--	39	26
300 Area Near-Shore Wells	Manganese	7439-96-5	ug/L	Y	1/4/2006	4/5/2011	179	58	32	0.84	30	0.89	133	--	--	39	29
300 Area Near-Shore Wells	Methacrylonitrile	126-98-7	ug/L	N	6/4/2010	11/11/2010	18	0	0	0.50	0.50	--	--	--	--	--	--
300 Area Near-Shore Wells	Methyl methacrylate	80-62-6	ug/L	N	6/4/2010	11/11/2010	18	0	0	0.26	0.26	--	--	--	--	--	--
300 Area Near-Shore Wells	Methylene chloride	75-09-2	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Methylene chloride	75-09-2	ug/L	N	1/4/2006	4/5/2011	323	9	2.8	0.10	1.0	1.2	81	--	--	--	--
300 Area Near-Shore Wells	Molybdenum	7439-98-7	ug/L	Y	6/4/2010	12/6/2010	19	19	100	--	--	2.5	5.6	--	--	3.2	18
300 Area Near-Shore Wells	Molybdenum	7439-98-7	ug/L	N	1/19/2006	12/6/2010	30	30	100	--	--	2.1	27	--	--	3.2	29
300 Area Near-Shore Wells	Naphthalene	91-20-3	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Nitrate	14797-55-8	ug/L	N	1/4/2006	4/5/2011	276	261	95	18	319	39	32,300	--	--	26,871	26
300 Area Near-Shore Wells	Nitrate	14797-55-8	ug/L	Y	12/6/2010	12/6/2010	1	1	100	--	--	186	186	--	--	26,871	--
300 Area Near-Shore Wells	Nitrite	14797-65-0	ug/L	N	1/4/2006	4/5/2011	275	21	7.6	9.9	591	43	985	--	--	94	14
300 Area Near-Shore Wells	Nitrite	14797-65-0	ug/L	Y	12/6/2010	12/6/2010	1	0	0	118	118	--	--	--	--	94	--
300 Area Near-Shore Wells	Nitrobenzene	98-95-3	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	n-Nitrosodi-n-dipropylamine	621-64-7	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	n-Nitrosodiphenylamine	86-30-6	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Oxidation Reduction Potential	EH	mV	Y	1/28/2011	1/28/2011	1	1	100	--	--	465	465	--	--	--	--
300 Area Near-Shore Wells	Oxidation Reduction Potential	EH	mV	N	1/4/2006	4/5/2011	259	259	100	--	--	-1.21E+02	482	--	--	--	--
300 Area Near-Shore Wells	pH Measurement	PH	unitless	N	1/4/2006	4/5/2011	367	367	100	--	--	6.9	8.7	--	--	8.2	1
300 Area Near-Shore Wells	pH Measurement	PH	unitless	Y	7/1/2008	1/28/2011	2	2	100	--	--	7.6	7.6	--	--	8.2	--
300 Area Near-Shore Wells	Phenanthrene	85-01-8	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Phenol	108-95-2	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Phosphate	14265-44-2	ug/L	N	1/19/2006	4/5/2011	103	33	32	250	2,150	534	1,400	--	--	162	33
300 Area Near-Shore Wells	Phosphate	14265-44-2	ug/L	Y	12/6/2010	12/6/2010	1	0	0	429	429	--	--	--	--	162	--
300 Area Near-Shore Wells	Phosphorus	7723-14-0	ug/L	N	1/19/2006	12/6/2010	30	20	67	55	72	75	402	--	--	--	--
300 Area Near-Shore Wells	Phosphorus	7723-14-0	ug/L	Y	6/4/2010	12/6/2010	19	11	58	55	72	76	445	--	--	--	--
300 Area Near-Shore Wells	Potassium	7440-09-7	ug/L	Y	1/4/2006	4/5/2011	179	174	97	73	3,270	1,880	7,520	--	--	9,122	--
300 Area Near-Shore Wells	Potassium	7440-09-7	ug/L	N	1/19/2006	4/5/2011	143	143	100	--	--	1,710	8,390	--	--	9,122	--
300 Area Near-Shore Wells	Pyrene	129-00-0	ug/L	N	1/19/2006	1/19/2006	2	0	0	10	10	--	--	--	--	--	--
300 Area Near-Shore Wells	Radium	7440-14-4	pCi/L	N	1/20/2006	1/20/2006	1	0	0	0.12	0.12	--	--	--	--	--	--
300 Area Near-Shore Wells	Ruthenium-106	13967-48-1	pCi/L	N	1/19/2006	1/19/2006	2	0	0	100	200	--	--	--	--	128	--
300 Area Near-Shore Wells	Silicon	7440-21-3	ug/L	Y	6/4/2010	12/6/2010	19	18	95	25	25	7,570	21,400	--	--	33,949	--
300 Area Near-Shore Wells	Silicon	7440-21-3	ug/L	N	1/19/2006	12/6/2010	30	30	100	--	--	7,450	22,900	--	--	33,949	--
300 Area Near-Shore Wells	Sodium	7440-23-5	ug/L	N	1/19/2006	4/5/2011	143	143	100	--	--	5,830	51,400	--	--	26,998	25
300 Area Near-Shore Wells	Sodium	7440-23-5	ug/L	Y	1/4/2006	4/5/2011	179	178	99	11	11	6,600	51,600	--	--	26,998	28
300 Area Near-Shore Wells	Specific Conductance	CONDUCT	uS/cm	Y	7/1/2008	1/28/2011	2	2	100	--	--	173	262	--	--	541,000	--
300 Area Near-Shore Wells	Specific Conductance	CONDUCT	uS/cm	N	1/4/2006	4/5/2011	367	367	100	--	--	145	500	--	--	541,000	--
300 Area Near-Shore Wells	Strontium	7440-24-6	ug/L	N	1/19/2006	4/5/2011	143	143	100	--	--	78	352	--	--	323	6
300 Area Near-Shore Wells	Strontium	7440-24-6	ug/L	Y	1/4/2006	4/5/2011	179	178	99	4.0	4.0	68	356	--	--	323	7
300 Area Near-Shore Wells	Styrene	100-42-5	ug/L	N	6/4/2010	12/6/2010	28	0	0	0.074	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Styrene	100-42-5	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Sulfate	14808-79-8	ug/L	N	1/4/2006	4/5/2011	276	266	96	41	260	74	68,100	--	--	47,014	135
300 Area Near-Shore Wells	Sulfate	14808-79-8	ug/L	Y	12/6/2010	12/6/2010	1	1	100	--	--	669	669	--	--	47,014	--
300 Area Near-Shore Wells	Temperature	TEMPERATURE	Deg C	Y	7/1/2008	1/28/2011	2	2	100	--	--	15	17	--	--	--	--
300 Area Near-Shore Wells	Temperature	TEMPERATURE	Deg C	N	1/4/2006	4/5/2011	367	367	100	--	--	11	35	--	--	--	--
300 Area Near-Shore Wells	Tetrachloroethene	127-18-4	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Tetrachloroethene	127-18-4	ug/L	N	1/4/2006	4/5/2011	323	2	0.62	0.17	1.0	0.83	1.8	--	--	--	--
300 Area Near-Shore Wells	Tetrahydrofuran	109-99-9	ug/L	N	1/4/2006	4/5/2011	313	0	0	1.1	2.9	--	--	--	--	--	--
300 Area Near-Shore Wells	Thallium	7440-28-0	ug/L	Y	6/4/2010	12/6/2010	19	0	0	0.10	0.10	--	--	--	--	1.7	--
300 Area Near-Shore Wells	Thallium	7440-28-0	ug/L	N	1/19/2006	12/6/2010	30	0	0	0.050	6.4	--	--	--	--	1.7	--
300 Area Near-Shore Wells	Tin	7440-31-5	ug/L	N	1/19/2006	12/6/2010	30	2	6.7	0.050	5.2	0.10	0.10	--	--	22	--
300 Area Near-Shore Wells	Tin	7440-31-5	ug/L	Y	6/4/2010	12/6/2010	19	1	5.3	0.10	0.10	0.22	0.22	--	--	22	--

Table M-8. Summary of Groundwater Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 Area Near-Shore Wells	Toluene	108-88-3	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Toluene	108-88-3	ug/L	N	1/4/2006	4/5/2011	323	7	2.2	0.025	1.0	0.23	3.3	--	--	--	--
300 Area Near-Shore Wells	trans-1,2-Dichloroethylene	156-60-5	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	trans-1,2-Dichloroethylene	156-60-5	ug/L	N	1/4/2006	4/5/2011	323	13	4.0	0.016	1.0	0.12	5.5	--	--	--	--
300 Area Near-Shore Wells	trans-1,3-Dichloropropene	10061-02-6	ug/L	N	6/4/2010	12/6/2010	28	0	0	0.083	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	trans-1,3-Dichloropropene	10061-02-6	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	N	6/4/2010	11/11/2010	18	0	0	0.29	0.29	--	--	--	--	--	--
300 Area Near-Shore Wells	Trichloroethene	79-01-6	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Trichloroethene	79-01-6	ug/L	N	1/4/2006	4/5/2011	323	89	28	0.037	1.0	0.23	63	--	--	--	--
300 Area Near-Shore Wells	Trichloromonofluoromethane	75-69-4	ug/L	N	6/4/2010	11/11/2010	18	0	0	0.11	0.11	--	--	--	--	--	--
300 Area Near-Shore Wells	Turbidity	TURBIDITY	NTU	Y	7/1/2008	1/28/2011	2	2	100	--	--	0.25	1.9	--	--	--	--
300 Area Near-Shore Wells	Turbidity	TURBIDITY	NTU	N	1/4/2006	4/5/2011	366	366	100	--	--	0.10	24	--	--	--	--
300 Area Near-Shore Wells	Uranium	7440-61-1	ug/L	N	1/4/2006	4/5/2011	379	337	89	-6.74E-03	0.10	0.076	218	--	--	9.9	301
300 Area Near-Shore Wells	Uranium	7440-61-1	ug/L	Y	12/6/2010	12/6/2010	1	0	0	0.10	0.10	--	--	--	--	9.9	--
300 Area Near-Shore Wells	Uranium-233/234	13966-29-5	pCi/L	N	1/19/2006	4/5/2011	45	45	100	--	--	2.5	72	--	--	--	--
300 Area Near-Shore Wells	Vanadium	7440-62-2	ug/L	N	1/19/2006	4/5/2011	143	31	22	0.40	17	0.59	34	--	--	12	17
300 Area Near-Shore Wells	Vanadium	7440-62-2	ug/L	Y	1/4/2006	4/5/2011	179	39	22	4.1	140	0.69	28	--	--	12	24
300 Area Near-Shore Wells	Vinyl acetate	108-05-4	ug/L	N	6/4/2010	11/11/2010	18	0	0	0.18	0.18	--	--	--	--	--	--
300 Area Near-Shore Wells	Vinyl chloride	75-01-4	ug/L	N	1/4/2006	4/5/2011	323	0	0	0.044	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Vinyl chloride	75-01-4	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Xylenes (total)	1330-20-7	ug/L	N	1/4/2006	4/5/2011	323	0	0	0.13	1.0	--	--	--	--	--	--
300 Area Near-Shore Wells	Xylenes (total)	1330-20-7	ug/L	Y	12/6/2010	12/6/2010	1	0	0	1.0	1.0	--	--	--	--	--	--

Table M-9. Summary of Aquifer Tube Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 ATs	1,1,1-Trichloroethane	71-55-6	ug/L	N	1/24/2006	4/13/2011	135	0	0	0.067	1.0	--	--	--	--	--	--
300 ATs	1,1,1-Trichloroethane	71-55-6	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	N	12/11/2006	10/28/2008	28	0	0	0.078	1.0	--	--	--	--	--	--
300 ATs	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	1,1,2-Trichloroethane	79-00-5	ug/L	N	1/24/2006	4/13/2011	135	0	0	0.063	1.0	--	--	--	--	--	--
300 ATs	1,1,2-Trichloroethane	79-00-5	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	1,1-Dichloroethane	75-34-3	ug/L	N	1/24/2006	4/13/2011	135	0	0	0.068	1.0	--	--	--	--	--	--
300 ATs	1,1-Dichloroethane	75-34-3	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	1,1-Dichloroethene	75-35-4	ug/L	N	1/24/2006	4/13/2011	149	0	0	0.051	1.0	--	--	--	--	--	--
300 ATs	1,1-Dichloroethene	75-35-4	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	1,2,4-Trimethylbenzene	95-63-6	ug/L	N	8/22/2007	8/22/2007	1	0	0	0.22	0.22	--	--	--	--	--	--
300 ATs	1,2-Dichloroethane	107-06-2	ug/L	N	1/24/2006	4/13/2011	147	0	0	0.066	1.0	--	--	--	--	--	--
300 ATs	1,2-Dichloroethane	107-06-2	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	1,2-Dichloroethene (Total)	540-59-0	ug/L	N	12/11/2006	8/30/2007	21	1	4.8	0.54	1.0	1.7	1.7	--	--	--	--
300 ATs	1,2-Dichloroethene (Total)	540-59-0	ug/L	Y	12/12/2006	12/12/2006	2	1	50	1.0	1.0	1.9	1.9	--	--	--	--
300 ATs	1,2-Dichloropropane	78-87-5	ug/L	N	12/11/2006	8/30/2007	21	0	0	0.37	1.0	--	--	--	--	--	--
300 ATs	1,2-Dichloropropane	78-87-5	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	1,4-Dichlorobenzene	106-46-7	ug/L	N	1/24/2006	4/13/2011	114	0	0	0.12	1.0	--	--	--	--	--	--
300 ATs	1,4-Dioxane	123-91-1	ug/L	N	1/24/2006	3/10/2010	27	1	3.7	5.0	12	1.0	1.0	--	--	--	--
300 ATs	1-Butanol	71-36-3	ug/L	N	1/24/2006	4/13/2011	114	0	0	2.6	100	--	--	--	--	--	--
300 ATs	2,4-Dinitrophenol	51-28-5	ug/L	N	9/23/2008	10/28/2008	7	0	0	2.0	25	--	--	--	--	--	--
300 ATs	2-Butanone	78-93-3	ug/L	N	1/24/2006	4/13/2011	135	0	0	0.52	1.0	--	--	--	--	--	--
300 ATs	2-Butanone	78-93-3	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	2-Hexanone	591-78-6	ug/L	N	12/11/2006	8/30/2007	21	0	0	0.28	1.0	--	--	--	--	--	--
300 ATs	2-Hexanone	591-78-6	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	4-Methyl-2-pentanone	108-10-1	ug/L	N	1/24/2006	4/13/2011	135	0	0	0.12	1.0	--	--	--	--	--	--
300 ATs	4-Methyl-2-pentanone	108-10-1	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Acetone	67-64-1	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Acetone	67-64-1	ug/L	N	1/24/2006	4/13/2011	135	5	3.7	0.34	1.0	1.1	42	--	--	--	--
300 ATs	Acetonitrile	75-05-8	ug/L	N	8/22/2007	8/22/2007	1	0	0	2.0	2.0	--	--	--	--	--	--
300 ATs	Alkalinity	ALKALINITY	ug/L	N	6/10/2004	3/29/2011	149	149	100	--	--	62,000	150,000	--	--	147,127	3
300 ATs	Antimony	7440-36-0	ug/L	N	12/11/2006	3/29/2011	93	2	2.2	0.30	56	34	36	--	--	55	--
300 ATs	Antimony	7440-36-0	ug/L	Y	1/24/2006	3/29/2011	97	4	4.1	0.30	56	0.31	51	--	--	55	--
300 ATs	Barium	7440-39-3	ug/L	Y	6/10/2004	3/29/2011	91	91	100	--	--	19	398	--	--	105	1
300 ATs	Barium	7440-39-3	ug/L	N	12/11/2006	3/29/2011	86	86	100	--	--	27	238	--	--	105	7
300 ATs	Benzene	71-43-2	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Benzene	71-43-2	ug/L	N	1/24/2006	4/13/2011	149	2	1.3	0.045	1.0	2.5	2.5	--	--	--	--
300 ATs	Beryllium	7440-41-7	ug/L	Y	1/24/2006	3/29/2011	90	0	0	0.050	4.0	--	--	--	--	2.3	--
300 ATs	Beryllium	7440-41-7	ug/L	N	12/11/2006	3/29/2011	86	1	1.2	0.050	4.0	0.086	0.086	--	--	2.3	--
300 ATs	Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	N	9/23/2008	10/28/2008	7	5	71	1.0	10	0.70	10	--	--	--	--
300 ATs	Bromide	24959-67-9	ug/L	N	6/10/2004	3/11/2010	42	16	38	30	1,200	40	1,350	--	--	124	8
300 ATs	Bromodichloromethane	75-27-4	ug/L	N	12/11/2006	10/28/2008	28	0	0	0.21	1.0	--	--	--	--	--	--
300 ATs	Bromodichloromethane	75-27-4	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Bromoform	75-25-2	ug/L	N	12/11/2006	8/30/2007	21	0	0	0.24	1.0	--	--	--	--	--	--
300 ATs	Bromoform	75-25-2	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Bromomethane	74-83-9	ug/L	N	12/11/2006	8/30/2007	21	0	0	0.31	1.0	--	--	--	--	--	--
300 ATs	Bromomethane	74-83-9	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Calcium	7440-70-2	ug/L	N	5/5/2006	3/29/2011	107	107	100	--	--	19,298	83,300	--	--	52,644	18
300 ATs	Calcium	7440-70-2	ug/L	Y	6/10/2004	3/29/2011	91	91	100	--	--	21,500	85,000	--	--	52,644	20
300 ATs	Carbon disulfide	75-15-0	ug/L	N	1/24/2006	4/13/2011	135	0	0	0.050	1.0	--	--	--	--	--	--
300 ATs	Carbon disulfide	75-15-0	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--

Table M-9. Summary of Aquifer Tube Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 ATs	Carbon tetrachloride	56-23-5	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Carbon tetrachloride	56-23-5	ug/L	N	1/24/2006	4/13/2011	142	6	4.2	0.063	1.0	0.19	720	--	--	--	--
300 ATs	Carbonate ion	3812-32-6	ug/L	N	6/10/2004	5/5/2006	20	20	100	--	--	56,300	107,000	--	--	--	--
300 ATs	Chlorobenzene	108-90-7	ug/L	N	12/11/2006	4/13/2011	129	0	0	0.12	1.0	--	--	--	--	--	--
300 ATs	Chlorobenzene	108-90-7	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Chloroethane	75-00-3	ug/L	N	12/11/2006	8/30/2007	21	0	0	0.35	1.0	--	--	--	--	--	--
300 ATs	Chloroethane	75-00-3	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Chloroform	67-66-3	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Chloroform	67-66-3	ug/L	N	1/24/2006	4/13/2011	135	11	8.2	0.10	1.0	0.33	7.3	--	--	--	--
300 ATs	Chloromethane	74-87-3	ug/L	N	12/11/2006	8/30/2007	21	0	0	0.44	1.0	--	--	--	--	--	--
300 ATs	Chloromethane	74-87-3	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	cis-1,2-Dichloroethylene	156-59-2	ug/L	Y	12/12/2006	12/12/2006	1	1	100	--	--	2.5	2.5	--	--	--	--
300 ATs	cis-1,2-Dichloroethylene	156-59-2	ug/L	N	1/24/2006	4/13/2011	115	12	10	0.083	1.0	0.11	7.5	--	--	--	--
300 ATs	cis-1,3-Dichloropropene	10061-01-5	ug/L	N	12/11/2006	8/30/2007	21	0	0	0.73	1.0	--	--	--	--	--	--
300 ATs	cis-1,3-Dichloropropene	10061-01-5	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Cobalt	7440-48-4	ug/L	N	12/11/2006	3/29/2011	86	12	14	0.050	4.0	0.060	7.2	--	--	0.92	7
300 ATs	Cobalt	7440-48-4	ug/L	Y	1/24/2006	3/29/2011	90	13	14	0.050	5.0	1.4	7.9	--	--	0.92	13
300 ATs	Cyclohexanone	108-94-1	ug/L	N	8/22/2007	8/22/2007	1	0	0	14	14	--	--	--	--	--	--
300 ATs	Dibromochloromethane	124-48-1	ug/L	N	12/11/2006	10/28/2008	28	0	0	0.12	1.0	--	--	--	--	--	--
300 ATs	Dibromochloromethane	124-48-1	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Dimethoate	60-51-5	ug/L	N	9/23/2008	10/28/2008	7	0	0	1.1	10	--	--	--	--	--	--
300 ATs	Dissolved oxygen	DO	ug/L	Y	12/11/2006	4/7/2008	3	3	100	--	--	6,500	8,180	--	--	--	--
300 ATs	Dissolved oxygen	DO	ug/L	N	1/24/2006	4/7/2011	237	237	100	--	--	1,700	12,090	--	--	--	--
300 ATs	Ethyl cyanide	107-12-0	ug/L	N	1/24/2006	4/13/2011	114	0	0	1.2	2.0	--	--	--	--	--	--
300 ATs	Ethylbenzene	100-41-4	ug/L	N	1/24/2006	4/13/2011	135	0	0	0.086	1.0	--	--	--	--	--	--
300 ATs	Ethylbenzene	100-41-4	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Fluoride	16984-48-8	ug/L	N	6/10/2004	3/29/2011	157	150	96	46	290	58	717	--	--	1,047	--
300 ATs	Gross alpha	12587-46-1	pCi/L	Y	12/12/2006	12/12/2006	2	2	100	--	--	29	31	--	--	--	--
300 ATs	Gross alpha	12587-46-1	pCi/L	N	12/11/2006	3/29/2011	92	72	78	-1.20E+00	2.6	1.5	76	--	--	--	--
300 ATs	Gross beta	12587-47-2	pCi/L	Y	12/12/2006	12/12/2006	2	2	100	--	--	7.8	9.5	--	--	3.1	2
300 ATs	Gross beta	12587-47-2	pCi/L	N	12/11/2006	3/29/2011	92	89	97	1.0	2.6	2.4	68	--	--	3.1	84
300 ATs	Hexane	110-54-3	ug/L	N	8/22/2007	10/28/2008	8	1	13	0.45	1.0	4.1	4.1	--	--	--	--
300 ATs	Lithium	7439-93-2	ug/L	Y	4/3/2008	4/7/2008	4	1	25	4.0	4.0	4.1	4.1	--	--	11,321	--
300 ATs	Lithium	7439-93-2	ug/L	N	4/3/2008	4/7/2008	7	2	29	4.0	4.0	5.5	5.7	--	--	11,321	--
300 ATs	Magnesium	7439-95-4	ug/L	N	12/11/2006	3/29/2011	86	86	100	--	--	4,920	15,800	--	--	24,816	--
300 ATs	Magnesium	7439-95-4	ug/L	Y	6/10/2004	3/29/2011	91	91	100	--	--	4,990	15,900	--	--	24,816	--
300 ATs	Manganese	7439-96-5	ug/L	Y	6/10/2004	3/29/2011	98	42	43	0.10	6.0	0.12	723	--	--	39	10
300 ATs	Manganese	7439-96-5	ug/L	N	12/11/2006	3/29/2011	93	48	52	4.0	6.0	0.17	743	--	--	39	19
300 ATs	Methylene chloride	75-09-2	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Methylene chloride	75-09-2	ug/L	N	1/24/2006	4/13/2011	142	1	0.70	0.10	1.0	1.1	1.1	--	--	--	--
300 ATs	Nitrate	14797-55-8	ug/L	N	1/24/2006	3/29/2011	156	154	99	22	54	460	974,000	--	--	26,871	31
300 ATs	Nitrite	14797-65-0	ug/L	N	1/24/2006	3/29/2011	156	5	3.2	13	723	65	161	--	--	94	3
300 ATs	Nitrobenzene	98-95-3	ug/L	N	9/23/2008	10/28/2008	7	0	0	1.0	10	--	--	--	--	--	--
300 ATs	Nitrogen in Nitrate	NO3-N	ug/L	N	6/10/2004	6/10/2004	1	1	100	--	--	2,439	2,439	--	--	--	--
300 ATs	Oxidation Reduction Potential	EH	mV	Y	6/10/2004	4/7/2008	4	4	100	--	--	79	230	--	--	--	--
300 ATs	Oxidation Reduction Potential	EH	mV	N	6/10/2004	4/7/2011	271	271	100	--	--	-1.74E+02	530	--	--	--	--
300 ATs	pH Measurement	PH	unitless	N	6/10/2004	4/7/2011	274	274	100	--	--	5.8	8.8	--	--	8.2	5
300 ATs	pH Measurement	PH	unitless	Y	6/10/2004	4/7/2008	4	4	100	--	--	6.9	7.7	--	--	8.2	--
300 ATs	Phosphate	14265-44-2	ug/L	N	6/10/2004	3/11/2010	42	8	19	86	4,600	50	940	--	--	162	6
300 ATs	Potassium	7440-09-7	ug/L	Y	6/10/2004	3/29/2011	91	91	100	--	--	1,330	6,970	--	--	9,122	--
300 ATs	Potassium	7440-09-7	ug/L	N	12/11/2006	3/29/2011	86	86	100	--	--	1,350	7,040	--	--	9,122	--

Table M-9. Summary of Aquifer Tube Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 ATs	Selenium-79	15758-45-9	pCi/L	N	8/25/2008	10/28/2008	8	0	0	-3.76E+00	12	--	--	--	--	--	--
300 ATs	Sodium	7440-23-5	ug/L	N	12/11/2006	3/29/2011	86	86	100	--	--	6,320	25,300	--	--	26,998	--
300 ATs	Sodium	7440-23-5	ug/L	Y	6/10/2004	3/29/2011	91	91	100	--	--	6,140	25,500	--	--	26,998	--
300 ATs	Specific Conductance	CONDUCT	uS/cm	Y	6/10/2004	4/7/2008	4	4	100	--	--	272	440	--	--	541,000	--
300 ATs	Specific Conductance	CONDUCT	uS/cm	N	6/10/2004	4/7/2011	274	274	100	--	--	133	649	--	--	541,000	--
300 ATs	Strontium	7440-24-6	ug/L	Y	6/10/2004	3/29/2011	91	91	100	--	--	96	368	--	--	323	3
300 ATs	Strontium	7440-24-6	ug/L	N	12/11/2006	3/29/2011	86	86	100	--	--	94	386	--	--	323	4
300 ATs	Styrene	100-42-5	ug/L	N	12/11/2006	8/30/2007	21	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Styrene	100-42-5	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Sulfate	14808-79-8	ug/L	N	6/10/2004	3/29/2011	150	150	100	--	--	9,490	56,400	--	--	47,014	32
300 ATs	Temperature	TEMPERATURE	Deg C	Y	6/10/2004	4/7/2008	4	4	100	--	--	11	20	--	--	--	--
300 ATs	Temperature	TEMPERATURE	Deg C	N	6/10/2004	4/7/2011	275	275	100	--	--	3.4	27	--	--	--	--
300 ATs	Tetrachloroethene	127-18-4	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Tetrachloroethene	127-18-4	ug/L	N	1/24/2006	4/13/2011	149	21	14	0.087	1.0	0.14	4.7	--	--	--	--
300 ATs	Tetrahydrofuran	109-99-9	ug/L	N	1/24/2006	4/13/2011	114	0	0	1.1	2.9	--	--	--	--	--	--
300 ATs	Thallium	7440-28-0	ug/L	N	9/25/2008	10/28/2008	7	1	14	36	36	1.3	1.3	--	--	1.7	--
300 ATs	Thallium	7440-28-0	ug/L	Y	9/25/2008	10/28/2008	7	1	14	36	36	1.5	1.5	--	--	1.7	--
300 ATs	Thorium	7440-29-1	ug/L	Y	6/10/2004	6/10/2004	1	1	100	--	--	0.026	0.026	--	--	0.50	--
300 ATs	Toluene	108-88-3	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Toluene	108-88-3	ug/L	N	1/24/2006	4/13/2011	149	5	3.4	0.062	1.0	0.19	2.0	--	--	--	--
300 ATs	Total dissolved solids	TDS	ug/L	N	5/5/2006	5/5/2006	3	3	100	--	--	103,000	144,000	--	--	258,189	--
300 ATs	trans-1,2-Dichloroethylene	156-60-5	ug/L	N	1/24/2006	4/13/2011	114	0	0	0.083	1.0	--	--	--	--	--	--
300 ATs	trans-1,3-Dichloropropene	10061-02-6	ug/L	N	12/11/2006	8/30/2007	21	0	0	0.20	1.0	--	--	--	--	--	--
300 ATs	trans-1,3-Dichloropropene	10061-02-6	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Trichloroethene	79-01-6	ug/L	Y	12/12/2006	12/12/2006	2	1	50	1.0	1.0	28	28	--	--	--	--
300 ATs	Trichloroethene	79-01-6	ug/L	N	1/24/2006	4/13/2011	149	57	38	0.10	1.0	0.25	530	--	--	--	--
300 ATs	Turbidity	TURBIDITY	NTU	Y	4/7/2008	4/7/2008	1	1	100	--	--	301	301	--	--	--	--
300 ATs	Turbidity	TURBIDITY	NTU	N	1/24/2006	4/7/2011	177	176	99	--	--	0.030	1,000	--	--	--	--
300 ATs	Uranium	7440-61-1	ug/L	Y	6/10/2004	10/28/2008	21	21	100	--	--	0.55	167	--	--	9.9	14
300 ATs	Uranium	7440-61-1	ug/L	N	1/24/2006	4/13/2011	250	249	100	0.10	0.10	0.13	394	--	--	9.9	207
300 ATs	Uranium-233/234	U-233/234	pCi/L	N	9/25/2008	10/28/2008	7	7	100	--	--	0.24	1.9	--	--	--	--
300 ATs	Vanadium	7440-62-2	ug/L	Y	1/24/2006	3/29/2011	97	19	20	4.1	17	0.74	17	--	--	12	6
300 ATs	Vanadium	7440-62-2	ug/L	N	12/11/2006	3/29/2011	93	25	27	4.1	17	0.73	23	--	--	12	10
300 ATs	Vinyl chloride	75-01-4	ug/L	N	1/24/2006	4/13/2011	149	0	0	0.032	1.0	--	--	--	--	--	--
300 ATs	Vinyl chloride	75-01-4	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--
300 ATs	Xylenes (total)	1330-20-7	ug/L	N	1/24/2006	4/13/2011	135	0	0	0.11	1.0	--	--	--	--	--	--
300 ATs	Xylenes (total)	1330-20-7	ug/L	Y	12/12/2006	12/12/2006	2	0	0	1.0	1.0	--	--	--	--	--	--

Table M-10. Summary of Pore Water Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 PORE-WATER	1,2,4-Trichlorobenzene	120-82-1	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	1,2-Dichlorobenzene	95-50-1	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	1,3-Dichlorobenzene	541-73-1	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	1,4-Dichlorobenzene	106-46-7	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	2,4,5-Trichlorophenol	95-95-4	ug/L	N	1/16/2006	1/3/2007	16	0	0	25	26	--	--	--	--	--	--
300 PORE-WATER	2,4,6-Trichlorophenol	88-06-2	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	2,4-Dichlorophenol	120-83-2	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	2,4-Dimethylphenol	105-67-9	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	2,4-Dinitrophenol	51-28-5	ug/L	N	1/16/2006	1/3/2007	16	0	0	25	26	--	--	--	--	--	--
300 PORE-WATER	2,4-Dinitrotoluene	121-14-2	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	2,6-Dinitrotoluene	606-20-2	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	2-Chloronaphthalene	91-58-7	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	2-Chlorophenol	95-57-8	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	2-Methylnaphthalene	91-57-6	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	2-Methylphenol (cresol, o-)	95-48-7	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	2-Nitroaniline	88-74-4	ug/L	N	1/16/2006	1/3/2007	16	0	0	25	26	--	--	--	--	--	--
300 PORE-WATER	2-Nitrophenol	88-75-5	ug/L	N	1/16/2006	1/3/2007	16	1	6.3	10	10	9.0	9.0	--	--	--	--
300 PORE-WATER	3,3'-Dichlorobenzidine	91-94-1	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	3+4 Methylphenol (cresol, m+p)	65794-96-9	ug/L	N	1/16/2006	1/3/2007	16	1	6.3	10	10	20	20	--	--	--	--
300 PORE-WATER	3-Nitroaniline	99-09-2	ug/L	N	1/16/2006	1/3/2007	16	0	0	25	26	--	--	--	--	--	--
300 PORE-WATER	4,4'-DDD (Dichlorodiphenyldichloroethane)	72-54-8	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	--	--	--	--
300 PORE-WATER	4,4'-DDE (Dichlorodiphenyldichloroethylene)	72-55-9	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	--	--	--	--
300 PORE-WATER	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	N	1/16/2006	1/3/2007	16	0	0	25	26	--	--	--	--	--	--
300 PORE-WATER	4-Bromophenylphenyl ether	101-55-3	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	4-Chloro-3-methylphenol	59-50-7	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	4-Chloroaniline	106-47-8	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	4-Chlorophenylphenyl ether	7005-72-3	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	4-Nitroaniline	100-01-6	ug/L	N	1/16/2006	1/3/2007	16	0	0	25	26	--	--	--	--	--	--
300 PORE-WATER	4-Nitrophenol	100-02-7	ug/L	N	1/16/2006	1/3/2007	16	0	0	25	26	--	--	--	--	--	--
300 PORE-WATER	Acenaphthene	83-32-9	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Acenaphthylene	208-96-8	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Alkalinity	ALKALINITY	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	64,000	108,000	--	--	147,127	--
300 PORE-WATER	Alpha-BHC	319-84-6	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	--	--	--	--
300 PORE-WATER	Anthracene	120-12-7	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Antimony	7440-36-0	ug/L	N	1/16/2006	1/3/2007	16	0	0	2.5	4.0	--	--	--	--	55	--
300 PORE-WATER	Barium	7440-39-3	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	26	104	--	--	105	--
300 PORE-WATER	Benzo(a)anthracene	56-55-3	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Benzo(a)pyrene	50-32-8	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Benzo(b)fluoranthene	205-99-2	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Benzo(ghi)perylene	191-24-2	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Benzo(k)fluoranthene	207-08-9	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Beryllium	7440-41-7	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.10	0.20	--	--	--	--	2.3	--
300 PORE-WATER	Beryllium-7	13966-02-4	pCi/L	N	1/16/2006	1/3/2007	16	0	0	0.31	320	--	--	--	--	8.6	--
300 PORE-WATER	beta-1,2,3,4,5,6-Hexachlorocyclohexane (beta-BHC)	319-85-7	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	--	--	--	--
300 PORE-WATER	Bis(2-chloro-1-methylethyl)ether	108-60-1	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Bis(2-Chloroethoxy)methane	111-91-1	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Bis(2-chloroethyl) ether	111-44-4	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	0.60	37	--	--	--	--
300 PORE-WATER	Bismuth	7440-69-9	ug/L	N	1/16/2006	1/3/2007	16	0	0	4.0	6.1	--	--	--	--	--	--
300 PORE-WATER	Boron	7440-42-8	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	11	31	--	--	36	--
300 PORE-WATER	Bromide	24959-67-9	ug/L	N	1/16/2006	1/3/2007	16	0	0	250	250	--	--	--	--	124	--
300 PORE-WATER	Butylbenzylphthalate	85-68-7	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--

Table M-10. Summary of Pore Water Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 PORE-WATER	Calcium	7440-70-2	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	18,900	45,300	--	--	52,644	--
300 PORE-WATER	Calculated Total Uranium	calc_tot_U	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	0.52	141	--	--	--	--
300 PORE-WATER	Carbazole	86-74-8	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Ceriodaphnia Number Young per Female	CERIO_YOUNG_FEM	Avg # youn	N	1/16/2006	1/3/2007	16	16	100	--	--	22	37	--	--	--	--
300 PORE-WATER	Ceriodaphnia Survival	CERIO_SURV	%	N	1/16/2006	1/3/2007	16	16	100	--	--	90	100	--	--	--	--
300 PORE-WATER	Chrysene	218-01-9	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Cobalt	7440-48-4	ug/L	N	1/16/2006	1/3/2007	16	1	6.3	0.50	1.2	1.9	1.9	--	--	0.92	1
300 PORE-WATER	Delta-BHC	319-86-8	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	--	--	--	--
300 PORE-WATER	Dibenz[a,h]anthracene	53-70-3	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Dibenzofuran	132-64-9	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Diethylphthalate	84-66-2	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Dimethyl phthalate	131-11-3	ug/L	N	1/16/2006	1/3/2007	16	1	6.3	10	10	0.77	0.77	--	--	--	--
300 PORE-WATER	Di-n-butylphthalate	84-74-2	ug/L	N	1/16/2006	1/3/2007	16	8	50	10	10	0.60	1.0	--	--	--	--
300 PORE-WATER	Di-n-octylphthalate	117-84-0	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Dissolved oxygen	DO	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	9,530	13,410	--	--	--	--
300 PORE-WATER	Endosulfan sulfate	1031-07-8	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	--	--	--	--
300 PORE-WATER	Endrin aldehyde	7421-93-4	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	--	--	--	--
300 PORE-WATER	Endrin ketone	53494-70-5	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	--	--	--	--
300 PORE-WATER	FETAX deformity	FETAX_DEFORM	%	N	1/16/2006	1/3/2007	16	16	100	--	--	--	8.5	--	--	--	--
300 PORE-WATER	FETAX growth [Percent of CTL]	FETAX_GROWTH	%	N	1/16/2006	1/3/2007	16	16	100	--	--	96	105	--	--	--	--
300 PORE-WATER	FETAX Survival	FETAX_SURV	%	N	1/16/2006	1/3/2007	16	16	100	--	--	94	100	--	--	--	--
300 PORE-WATER	Fluoranthene	206-44-0	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Fluorene	86-73-7	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Fluoride	16984-48-8	ug/L	N	1/16/2006	1/3/2007	16	0	0	250	250	--	--	--	--	1,047	--
300 PORE-WATER	Hardness	HARDNESS	ug/L	N	1/16/2006	1/3/2007	15	15	100	--	--	960	154,000	--	--	--	--
300 PORE-WATER	Hexachlorobenzene	118-74-1	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Hexachlorobutadiene	87-68-3	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Hexachlorocyclopentadiene	77-47-4	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Hexachloroethane	67-72-1	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Isophorone	78-59-1	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Lithium	7439-93-2	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	1.2	4.3	--	--	11,321	--
300 PORE-WATER	Magnesium	7439-95-4	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	4,530	9,470	--	--	24,816	--
300 PORE-WATER	Manganese	7439-96-5	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	0.69	1,640	--	--	39	3
300 PORE-WATER	Molybdenum	7439-98-7	ug/L	N	1/16/2006	1/3/2007	16	11	69	1.3	1.6	1.3	5.9	--	--	3.2	2
300 PORE-WATER	Naphthalene	91-20-3	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Nitrobenzene	98-95-3	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Nitrogen in ammonia	NH3-N	ug/L	N	1/16/2006	1/3/2007	16	14	88	100	100	10	1,100	--	--	--	--
300 PORE-WATER	Nitrogen in Nitrate	NO3-N	ug/L	N	1/16/2006	1/3/2007	16	15	94	56	56	95	4,448	--	--	--	--
300 PORE-WATER	Nitrogen in Nitrite	NO2-N	ug/L	N	1/16/2006	1/3/2007	16	0	0	76	76	--	--	--	--	--	--
300 PORE-WATER	Nitrogen in Nitrite and Nitrate	NO2+NO3-N	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	33	5,200	--	--	--	--
300 PORE-WATER	Nitrogen, Kjeldahl total	N-KJELDAHL	ug/L	N	1/16/2006	1/3/2007	16	7	44	100	100	100	1,400	--	--	--	--
300 PORE-WATER	n-Nitrosodi-n-dipropylamine	621-64-7	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	n-Nitrosodiphenylamine	86-30-6	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	pH Measurement	PH	unitless	N	1/16/2006	1/3/2007	16	16	100	--	--	7.5	9.0	--	--	8.2	4
300 PORE-WATER	Phenanthrene	85-01-8	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Phenol	108-95-2	ug/L	N	1/16/2006	1/3/2007	16	1	6.3	10	10	2.0	2.0	--	--	--	--
300 PORE-WATER	Phosphate	14265-44-2	ug/L	N	1/16/2006	1/3/2007	16	0	0	250	250	--	--	--	--	162	--
300 PORE-WATER	Phosphorus	7723-14-0	ug/L	N	1/16/2006	1/3/2007	16	7	44	8.3	13	11	143	--	--	--	--
300 PORE-WATER	Potassium	7440-09-7	ug/L	N	1/16/2006	1/3/2007	16	15	94	540	540	717	3,000	--	--	9,122	--
300 PORE-WATER	Pyrene	129-00-0	ug/L	N	1/16/2006	1/3/2007	16	0	0	10	10	--	--	--	--	--	--
300 PORE-WATER	Ruthenium-106	13967-48-1	pCi/L	N	1/16/2006	1/3/2007	16	0	0	59	250	--	--	--	--	128	--

Table M-10. Summary of Pore Water Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 PORE-WATER	Silicon	7440-21-3	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	2,190	10,200	--	--	33,949	--
300 PORE-WATER	Sodium	7440-23-5	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	2,190	14,200	--	--	26,998	--
300 PORE-WATER	Specific Conductance	CONDUCT	uS/cm	N	1/16/2006	1/3/2007	16	16	100	--	--	135	347	--	--	541,000	--
300 PORE-WATER	Strontium	7440-24-6	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	90	202	--	--	323	--
300 PORE-WATER	Sulfate	14808-79-8	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	8,200	39,300	--	--	47,014	--
300 PORE-WATER	Temperature	TEMPERATURE	Deg C	N	1/16/2006	1/3/2007	16	16	100	--	--	4.8	20	--	--	--	--
300 PORE-WATER	Thallium	7440-28-0	ug/L	N	1/16/2006	1/3/2007	16	1	6.3	5.5	6.4	6.4	6.4	--	--	1.7	1
300 PORE-WATER	Tin	7440-31-5	ug/L	N	1/16/2006	1/3/2007	16	0	0	3.5	5.2	--	--	--	--	22	--
300 PORE-WATER	Total dissolved solids	TDS	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	48,000	288,000	--	--	258,189	1
300 PORE-WATER	Total organic carbon	TOC	ug/L	N	1/16/2006	1/3/2007	14	14	100	--	--	740	2,400	--	--	2,706	--
300 PORE-WATER	Total petroleum hydrocarbons	TPH	ug/L	N	1/16/2006	1/3/2007	16	0	0	1,000	2,000	--	--	--	--	--	--
300 PORE-WATER	Total petroleum hydrocarbons - diesel range	TPHDIESEL	ug/L	N	1/16/2006	1/3/2007	16	2	13	100	102	99	120	--	--	--	--
300 PORE-WATER	Total petroleum hydrocarbons - gasoline range	TPHGASOLINE	ug/L	N	1/16/2006	1/3/2007	16	0	0	29	30	--	--	--	--	--	--
300 PORE-WATER	Total suspended solids	TSS	ug/L	N	1/16/2006	1/3/2007	16	6	38	5,000	5,000	5,200	18,200	--	--	--	--
300 PORE-WATER	Uranium	7440-61-1	ug/L	N	1/16/2006	1/3/2007	16	3	19	14	21	23	137	--	--	9.9	3
300 PORE-WATER	Vanadium	7440-62-2	ug/L	N	1/16/2006	1/3/2007	16	8	50	0.50	0.90	0.65	3.3	--	--	12	--
300 PORE-WATER	Water depth 1996 to 2006	WATER_DEPTH	m	N	1/16/2006	1/3/2007	16	16	100	--	--	0.71	2.2	--	--	--	--
300 PORE-WATER	Water depth exceedance from 1996 to 2006	PCT_DEPTH_EXCEE	m	N	1/16/2006	1/3/2007	16	16	100	--	--	15	96	--	--	--	--

Table M-11. Summary of Seep/Spring Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 SEEP	1,1,1-Trichloroethane	71-55-6	ug/L	N	11/1/1999	10/25/2004	7	0	0	0.070	0.31	--	--	--	--	--	--
300 SEEP	1,1,2-Trichloroethane	79-00-5	ug/L	N	11/1/1999	10/25/2004	7	1	14	0.050	0.31	0.69	0.69	--	--	--	--
300 SEEP	1,1-Dichloroethane	75-34-3	ug/L	N	11/1/1999	10/25/2004	7	0	0	0.12	0.25	--	--	--	--	--	--
300 SEEP	1,1-Dichloroethene	75-35-4	ug/L	N	9/27/2000	9/27/2000	1	0	0	0.23	0.23	--	--	--	--	--	--
300 SEEP	1,2-Dichloroethane	107-06-2	ug/L	N	11/1/1999	10/25/2004	7	2	29	0.080	0.27	0.84	0.87	--	--	--	--
300 SEEP	1,4-Dichlorobenzene	106-46-7	ug/L	N	11/1/1999	10/25/2004	7	2	29	0.11	0.25	0.19	0.25	--	--	--	--
300 SEEP	1-Butanol	71-36-3	ug/L	N	11/1/1999	10/25/2004	6	0	0	3.8	7.0	--	--	--	--	--	--
300 SEEP	2-Butanone	78-93-3	ug/L	N	11/1/1999	10/25/2004	7	0	0	0.10	0.89	--	--	--	--	--	--
300 SEEP	4-Methyl-2-pentanone	108-10-1	ug/L	N	11/1/1999	10/25/2004	7	0	0	0.15	1.3	--	--	--	--	--	--
300 SEEP	Acetone	67-64-1	ug/L	N	9/5/1995	10/25/2004	8	4	50	0.30	4.0	1.6	5.9	--	--	--	--
300 SEEP	Antimony	7440-36-0	ug/L	Y	10/13/2003	10/25/2004	3	3	100	--	--	0.22	0.26	--	--	55	--
300 SEEP	Antimony	7440-36-0	ug/L	N	11/21/1996	10/25/2004	11	10	91	43	43	0.19	0.39	--	--	55	--
300 SEEP	Barium	7440-39-3	ug/L	N	8/29/1994	2/24/2003	9	9	100	--	--	33	188	--	--	105	2
300 SEEP	Benzene	71-43-2	ug/L	N	11/1/1999	10/25/2004	7	0	0	0.070	0.23	--	--	--	--	--	--
300 SEEP	Beryllium	7440-41-7	ug/L	Y	10/13/2003	10/25/2004	3	0	0	0.0098	0.011	--	--	--	--	2.3	--
300 SEEP	Beryllium	7440-41-7	ug/L	N	11/21/1996	10/25/2004	11	5	45	0.0080	0.048	0.034	0.35	--	--	2.3	--
300 SEEP	Beryllium-7	13966-02-4	pCi/L	N	12/31/1991	10/25/2004	57	0	0	-3.08E+01	28	--	--	--	--	8.6	--
300 SEEP	Bismuth	7440-69-9	ug/L	N	2/24/2003	2/24/2003	2	2	100	--	--	0.037	0.081	--	--	--	--
300 SEEP	Boron	7440-42-8	ug/L	N	2/24/2003	2/24/2003	2	2	100	--	--	11	137	--	--	36	1
300 SEEP	Bromide	24959-67-9	ug/L	N	9/5/1995	11/21/1996	2	2	100	--	--	99	100	--	--	124	--
300 SEEP	Calcium	7440-70-2	ug/L	N	8/29/1994	2/24/2003	5	5	100	--	--	28,700	58,600	--	--	52,644	1
300 SEEP	Calculated Total Uranium	calc_tot_U	ug/L	N	12/31/1991	10/25/2004	67	67	100	--	--	0.66	297	--	--	--	--
300 SEEP	Carbon disulfide	75-15-0	ug/L	N	11/1/1999	10/25/2004	7	1	14	0.060	0.43	0.46	0.46	--	--	--	--
300 SEEP	Carbon tetrachloride	56-23-5	ug/L	N	11/1/1999	10/25/2004	7	0	0	0.10	0.33	--	--	--	--	--	--
300 SEEP	Chlorobenzene	108-90-7	ug/L	N	9/27/2000	9/27/2000	1	0	0	0.28	0.28	--	--	--	--	--	--
300 SEEP	Chloroform	67-66-3	ug/L	N	11/1/1999	10/25/2004	7	1	14	0.070	0.23	3.4	3.4	--	--	--	--
300 SEEP	cis-1,2-Dichloroethylene	156-59-2	ug/L	N	11/1/1999	10/13/2003	5	4	80	0.24	0.24	0.30	0.40	--	--	--	--
300 SEEP	Cobalt	7440-48-4	ug/L	N	11/21/1996	11/21/1996	1	1	100	--	--	8.3	8.3	--	--	0.92	1
300 SEEP	Ethyl cyanide	107-12-0	ug/L	N	11/1/1999	10/25/2004	7	0	0	0.68	2.6	--	--	--	--	--	--
300 SEEP	Ethylbenzene	100-41-4	ug/L	N	10/7/2002	10/13/2003	2	0	0	0.14	0.24	--	--	--	--	--	--
300 SEEP	Fluoride	16984-48-8	ug/L	N	8/29/1994	10/25/2004	12	12	100	--	--	160	600	--	--	1,047	--
300 SEEP	Gross alpha	12587-46-1	pCi/L	N	12/31/1991	10/25/2004	34	32	94	0.16	0.70	9.0	228	--	--	--	--
300 SEEP	Gross beta	12587-47-2	pCi/L	N	12/31/1991	10/25/2004	34	33	97	1.0	1.0	2.8	64	--	--	3.1	32
300 SEEP	Iodine	7553-56-2	ug/L	N	9/20/1993	10/13/2003	16	16	100	--	--	0.43	34	--	--	250	--
300 SEEP	Lithium	7439-93-2	ug/L	N	2/24/2003	2/24/2003	2	2	100	--	--	4.7	5.7	--	--	11,321	--
300 SEEP	Magnesium	7439-95-4	ug/L	N	8/29/1994	2/24/2003	5	5	100	--	--	7,010	14,500	--	--	24,816	--
300 SEEP	Manganese	7439-96-5	ug/L	N	8/29/1994	8/27/2001	7	7	100	--	--	4.6	220	--	--	39	1

Table M-11. Summary of Seep/Spring Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 SEEP	Methylene chloride	75-09-2	ug/L	N	11/1/1999	10/25/2004	7	2	29	0.17	0.41	0.47	0.66	--	--	--	--
300 SEEP	Nitrogen in Nitrate	NO3-N	ug/L	N	8/29/1994	10/25/2004	16	16	100	--	--	1,490	25,000	--	--	--	--
300 SEEP	Nitrogen in Nitrite	NO2-N	ug/L	N	11/21/1996	10/25/2004	10	1	10	2.0	17	24	24	--	--	--	--
300 SEEP	Nitrogen in Nitrite and Nitrate	NO2+NO3-N	ug/L	N	5/3/2001	5/10/2001	2	2	100	--	--	27,000	5.20E+06	--	--	--	--
300 SEEP	Phosphate	14265-44-2	ug/L	N	11/21/1996	11/21/1996	1	0	0	83	83	--	--	--	--	162	--
300 SEEP	Potassium	7440-09-7	ug/L	N	8/29/1994	11/21/1996	3	3	100	--	--	1,900	3,800	--	--	9,122	--
300 SEEP	Ruthenium-106	13967-48-1	pCi/L	N	12/31/1991	10/25/2004	56	1	1.8	-4.71E+01	15	13	13	--	--	128	--
300 SEEP	Sodium	7440-23-5	ug/L	N	8/29/1994	2/24/2003	5	5	100	--	--	8,100	27,900	--	--	26,998	1
300 SEEP	Strontium	7440-24-6	ug/L	N	9/5/1995	11/21/1996	2	2	100	--	--	140	220	--	--	323	--
300 SEEP	Sulfate	14808-79-8	ug/L	N	8/29/1994	10/25/2004	12	12	100	--	--	21,000	55,000	--	--	47,014	6
300 SEEP	Tetrachloroethene	127-18-4	ug/L	N	11/1/1999	10/25/2004	7	1	14	0.080	0.57	0.70	0.70	--	--	--	--
300 SEEP	Tetrahydrofuran	109-99-9	ug/L	N	11/1/1999	10/25/2004	7	0	0	1.2	2.3	--	--	--	--	--	--
300 SEEP	Thallium	7440-28-0	ug/L	Y	10/13/2003	10/25/2004	3	3	100	--	--	0.010	0.016	--	--	1.7	--
300 SEEP	Thallium	7440-28-0	ug/L	N	9/27/2000	10/25/2004	10	10	100	--	--	0.011	0.26	--	--	1.7	--
300 SEEP	Thorium	7440-29-1	ug/L	N	2/24/2003	2/24/2003	2	2	100	--	--	0.35	0.41	--	--	0.50	--
300 SEEP	Tin	7440-31-5	ug/L	N	11/21/1996	11/21/1996	1	0	0	17	17	--	--	--	--	22	--
300 SEEP	Toluene	108-88-3	ug/L	N	11/1/1999	10/25/2004	7	4	57	0.12	0.23	0.30	0.63	--	--	--	--
300 SEEP	trans-1,2-Dichloroethylene	156-60-5	ug/L	N	11/1/1999	10/25/2004	7	0	0	0.090	0.26	--	--	--	--	--	--
300 SEEP	Trichloroethene	79-01-6	ug/L	N	11/1/1999	10/25/2004	7	5	71	0.090	0.29	0.72	2.3	--	--	--	--
300 SEEP	Uranium	7440-61-1	ug/L	N	2/24/2003	2/24/2003	2	2	100	--	--	120	229	--	--	9.9	2
300 SEEP	Uranium [radionuclide]	U_rad	pCi/L	N	9/27/2000	10/25/2004	10	10	100	--	--	2.3	100	--	--	--	--
300 SEEP	Uranium-236	13982-70-2	pCi/L	N	5/3/2001	10/25/2004	8	8	100	--	--	0.29	1.0	--	--	--	--
300 SEEP	Vanadium	7440-62-2	ug/L	N	9/5/1995	11/21/1996	2	2	100	--	--	4.0	7.3	--	--	12	--
300 SEEP	Vinyl chloride	75-01-4	ug/L	N	11/1/1999	10/25/2004	7	0	0	0.080	0.32	--	--	--	--	--	--
300 SEEP	Xylenes (total)	1330-20-7	ug/L	N	11/1/1999	10/25/2004	7	1	14	0.28	0.79	0.34	0.34	--	--	--	--

Table M-12. Summary of Surface Water Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 SW	1,1,1-Trichloroethane	71-55-6	ug/L	N	9/20/1996	9/20/1996	1	0	0	0.36	0.36	--	--	--	--	--	--
300 SW	1,1,2-Trichloroethane	79-00-5	ug/L	N	9/20/1996	9/20/1996	1	0	0	0.53	0.53	--	--	--	--	--	--
300 SW	1,1-Dichloroethane	75-34-3	ug/L	N	9/20/1996	9/20/1996	1	0	0	0.37	0.37	--	--	--	--	--	--
300 SW	1,2,4-Trichlorobenzene	120-82-1	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	1,2-Dichlorobenzene	95-50-1	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	1,2-Dichloroethane	107-06-2	ug/L	N	9/20/1996	9/20/1996	1	0	0	0.43	0.43	--	--	--	--	--	--
300 SW	1,3-Dichlorobenzene	541-73-1	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	1,4-Dichlorobenzene	106-46-7	ug/L	N	9/20/1996	2/6/2007	15	0	0	0.50	11	--	--	--	--	--	--
300 SW	1-Butanol	71-36-3	ug/L	N	9/20/1996	9/20/1996	1	0	0	25	25	--	--	--	--	--	--
300 SW	2,4,5-Trichlorophenol	95-95-4	ug/L	N	1/16/2006	2/6/2007	14	0	0	25	27	--	--	--	--	--	--
300 SW	2,4,6-Trichlorophenol	88-06-2	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	2,4-Dichlorophenol	120-83-2	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	2,4-Dimethylphenol	105-67-9	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	2,4-Dinitrophenol	51-28-5	ug/L	N	1/16/2006	2/6/2007	14	0	0	25	27	--	--	--	--	--	--
300 SW	2,4-Dinitrotoluene	121-14-2	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	2,6-Dinitrotoluene	606-20-2	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	2-Butanone	78-93-3	ug/L	N	9/20/1996	9/20/1996	1	0	0	3.4	3.4	--	--	--	--	--	--
300 SW	2-Chloronaphthalene	91-58-7	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	2-Chlorophenol	95-57-8	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	2-Methylnaphthalene	91-57-6	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	2-Methylphenol (cresol, o-)	95-48-7	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	2-Nitroaniline	88-74-4	ug/L	N	1/16/2006	2/6/2007	14	0	0	25	27	--	--	--	--	--	--
300 SW	2-Nitrophenol	88-75-5	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	3,3'-Dichlorobenzidine	91-94-1	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	3+4 Methylphenol (cresol, m+p)	65794-96-9	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	3-Nitroaniline	99-09-2	ug/L	N	1/16/2006	2/6/2007	14	0	0	25	27	--	--	--	--	--	--
300 SW	4,4'-DDD (Dichlorodiphenyldichloroethane)	72-54-8	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	--	--	--	--
300 SW	4,4'-DDE (Dichlorodiphenyldichloroethylene)	72-55-9	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	--	--	--	--
300 SW	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	N	1/16/2006	2/6/2007	14	0	0	25	27	--	--	--	--	--	--
300 SW	4-Bromophenylphenyl ether	101-55-3	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	4-Chloro-3-methylphenol	59-50-7	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	4-Chloroaniline	106-47-8	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	4-Chlorophenylphenyl ether	7005-72-3	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	4-Methyl-2-pentanone	108-10-1	ug/L	N	9/20/1996	9/20/1996	1	0	0	1.1	1.1	--	--	--	--	--	--
300 SW	4-Nitroaniline	100-01-6	ug/L	N	1/16/2006	2/6/2007	14	0	0	25	27	--	--	--	--	--	--
300 SW	4-Nitrophenol	100-02-7	ug/L	N	1/16/2006	2/6/2007	14	0	0	25	27	--	--	--	--	--	--
300 SW	Acenaphthene	83-32-9	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Acenaphthylene	208-96-8	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Acetone	67-64-1	ug/L	N	9/20/1996	9/20/1996	1	0	0	1.4	1.4	--	--	--	--	--	--
300 SW	Actinium-228	14331-83-0	pCi/L	N	11/5/2002	12/1/2004	24	0	0	5.0	26	--	--	--	--	--	--
300 SW	Alpha-BHC	319-84-6	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	--	--	--	--
300 SW	Anthracene	120-12-7	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Antimony	7440-36-0	ug/L	N	9/20/1996	1/10/2007	35	23	66	2.5	4.0	0.13	63	--	--	55	1

Table M-12. Summary of Surface Water Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 SW	Antimony	7440-36-0	ug/L	Y	9/9/2003	9/15/2004	13	13	100	--	--	0.16	0.31	--	--	55	--
300 SW	Antimony-124	14683-10-4	pCi/L	N	11/5/2002	11/5/2002	1	0	0	6.1	6.1	--	--	--	--	--	--
300 SW	Barium	7440-39-3	ug/L	N	8/26/1994	1/10/2007	17	17	100	--	--	28	40	--	--	105	--
300 SW	Barium-133	13981-41-4	pCi/L	N	11/5/2002	11/5/2002	1	0	0	7.0	7.0	--	--	--	--	--	--
300 SW	Benzene	71-43-2	ug/L	N	9/20/1996	9/20/1996	1	0	0	0.38	0.38	--	--	--	--	--	--
300 SW	Benzo(a)anthracene	56-55-3	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Benzo(a)pyrene	50-32-8	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Benzo(b)fluoranthene	205-99-2	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Benzo(ghi)perylene	191-24-2	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Benzo(k)fluoranthene	207-08-9	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Beryllium	7440-41-7	ug/L	Y	9/10/2002	9/15/2004	14	0	0	0.011	0.066	--	--	--	--	2.3	--
300 SW	Beryllium	7440-41-7	ug/L	N	9/20/1996	1/10/2007	32	4	13	0.0080	0.20	0.013	0.33	--	--	2.3	--
300 SW	Beryllium-7	13966-02-4	pCi/L	N	6/7/2000	1/10/2007	62	0	0	-3.00E-01	270	--	--	--	--	8.6	--
300 SW	Beryllium-7	13966-02-4	pCi/L	Y	1/24/1990	1/5/1993	25	17	68	-8.80E-01	0.21	0.015	0.11	--	--	8.6	--
300 SW	beta-1,2,3,4,5,6-Hexachlorocyclohexane (beta-BHC)	319-85-7	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	--	--	--	--
300 SW	Bis(2-chloro-1-methylethyl)ether	108-60-1	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Bis(2-Chloroethoxy)methane	111-91-1	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Bis(2-chloroethyl) ether	111-44-4	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	N	1/16/2006	2/6/2007	14	14	100	--	--	0.60	4.0	--	--	--	--
300 SW	Bismuth	7440-69-9	ug/L	N	1/16/2006	1/10/2007	14	0	0	4.0	6.1	--	--	--	--	--	--
300 SW	Boron	7440-42-8	ug/L	N	1/16/2006	1/10/2007	14	14	100	--	--	9.1	21	--	--	36	--
300 SW	Bromide	24959-67-9	ug/L	N	9/18/1995	1/10/2007	16	0	0	15	250	--	--	--	--	124	--
300 SW	Butylbenzylphthalate	85-68-7	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Calcium	7440-70-2	ug/L	N	8/26/1994	1/10/2007	17	17	100	--	--	19,000	32,000	--	--	52,644	--
300 SW	Calculated Total Uranium	calc_tot_U	ug/L	N	9/17/1993	1/10/2007	81	81	100	--	--	0.30	19	--	--	--	--
300 SW	Carbazole	86-74-8	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Carbon disulfide	75-15-0	ug/L	N	9/20/1996	9/20/1996	1	0	0	0.33	0.33	--	--	--	--	--	--
300 SW	Carbon tetrachloride	56-23-5	ug/L	N	9/20/1996	9/20/1996	1	0	0	0.35	0.35	--	--	--	--	--	--
300 SW	Cerium-139	CE-139	pCi/L	N	11/5/2002	11/5/2002	1	0	0	4.6	4.6	--	--	--	--	--	--
300 SW	Cesium-136	CS-136	pCi/L	N	11/5/2002	11/5/2002	1	0	0	8.4	8.4	--	--	--	--	--	--
300 SW	Chloroform	67-66-3	ug/L	N	9/20/1996	9/20/1996	1	0	0	0.41	0.41	--	--	--	--	--	--
300 SW	Chrysene	218-01-9	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	cis-1,2-Dichloroethylene	156-59-2	ug/L	N	9/20/1996	9/20/1996	1	0	0	0.47	0.47	--	--	--	--	--	--
300 SW	Cobalt	7440-48-4	ug/L	N	9/20/1996	1/10/2007	15	0	0	0.50	5.0	--	--	--	--	0.92	--
300 SW	Cobalt-57	13981-50-5	pCi/L	N	9/6/2000	12/1/2004	36	0	0	--	4.5	--	--	--	--	--	--
300 SW	Delta-BHC	319-86-8	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	--	--	--	--
300 SW	Dibenz[a,h]anthracene	53-70-3	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Dibenzofuran	132-64-9	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Diethylphthalate	84-66-2	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Dimethyl phthalate	131-11-3	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Di-n-butylphthalate	84-74-2	ug/L	N	1/16/2006	2/6/2007	14	7	50	10	10	0.50	1.0	--	--	--	--
300 SW	Di-n-octylphthalate	117-84-0	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Dissolved oxygen	DO	ug/L	N	1/16/2006	2/6/2007	15	15	100	--	--	10,500	14,110	--	--	--	--

Table M-12. Summary of Surface Water Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 SW	Endosulfan sulfate	1031-07-8	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	--	--	--	--
300 SW	Endrin aldehyde	7421-93-4	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	--	--	--	--
300 SW	Endrin ketone	53494-70-5	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	--	--	--	--
300 SW	Ethyl cyanide	107-12-0	ug/L	N	9/20/1996	9/20/1996	1	0	0	2.1	2.1	--	--	--	--	--	--
300 SW	Fluoranthene	206-44-0	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Fluorene	86-73-7	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Fluoride	16984-48-8	ug/L	N	8/26/1994	1/10/2007	52	38	73	250	250	40	400	--	--	1,047	--
300 SW	Gross alpha	12587-46-1	pCi/L	N	2/4/2000	2/4/2000	2	1	50	0.30	0.30	1.0	1.0	--	--	--	--
300 SW	Gross beta	12587-47-2	pCi/L	N	1/5/1999	2/1/2005	130	75	58	--	4.0	0.40	9.9	--	--	3.1	2
300 SW	Hexachlorobenzene	118-74-1	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Hexachlorobutadiene	87-68-3	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Hexachlorocyclopentadiene	77-47-4	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Hexachloroethane	67-72-1	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Highest Specific Conductance [uS/cm]	AQ_BASKET_CONDU	uS/cm	N	7/25/2006	7/25/2006	1	1	100	--	--	504	504	--	--	--	--
300 SW	Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Iodine	7553-56-2	ug/L	N	4/3/1990	1/5/1993	8	8	100	--	--	0.58	1.7	--	--	250	--
300 SW	Iron-59	14596-12-4	pCi/L	N	1/5/1999	2/1/2005	122	8	6.6	-2.00E+00	26	1.8	3.0	--	--	--	--
300 SW	Isophorone	78-59-1	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Lanthanum-140	13981-28-7	pCi/L	N	6/7/2000	12/1/2004	48	0	0	2.0	172	--	--	--	--	--	--
300 SW	Lead-212	15092-94-1	pCi/L	Y	1/24/1990	5/15/1990	6	6	100	--	--	0.0049	0.019	--	--	--	--
300 SW	Lead-214	15067-28-4	pCi/L	Y	1/10/1990	5/15/1990	7	7	100	--	--	0.0043	0.042	--	--	--	--
300 SW	Lithium	7439-93-2	ug/L	N	1/16/2006	1/10/2007	14	14	100	--	--	1.2	2.6	--	--	11,321	--
300 SW	Magnesium	7439-95-4	ug/L	N	8/26/1994	1/10/2007	17	17	100	--	--	4,770	6,880	--	--	24,816	--
300 SW	Manganese	7439-96-5	ug/L	N	8/26/1994	1/10/2007	17	17	100	--	--	2.0	28	--	--	39	--
300 SW	Manganese-54	13966-31-9	pCi/L	N	1/5/1999	2/1/2005	122	0	0	-8.00E-01	6.1	--	--	--	--	--	--
300 SW	Methylene chloride	75-09-2	ug/L	N	8/26/1994	9/20/1996	2	1	50	0.35	0.35	0.43	0.43	--	--	--	--
300 SW	Molybdenum	7439-98-7	ug/L	N	1/16/2006	1/10/2007	14	6	43	1.3	1.6	1.7	5.3	--	--	3.2	2
300 SW	Molybdenum-99	14119-15-4	pCi/L	N	11/5/2002	11/5/2002	1	0	0	300	300	--	--	--	--	--	--
300 SW	Naphthalene	91-20-3	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Niobium-94	14681-63-1	pCi/L	N	11/5/2002	11/5/2002	1	0	0	5.9	5.9	--	--	--	--	--	--
300 SW	Niobium-95	13967-76-5	pCi/L	N	6/7/2000	12/1/2004	48	0	0	--	10	--	--	--	--	--	--
300 SW	Nitrobenzene	98-95-3	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Nitrogen in Nitrate	NO3-N	ug/L	N	8/26/1994	1/10/2007	52	52	100	--	--	53	3,700	--	--	--	--
300 SW	Nitrogen in Nitrite	NO2-N	ug/L	N	9/18/1995	1/10/2007	51	1	2.0	2.0	76	6.7	6.7	--	--	--	--
300 SW	Nitrogen in Nitrite and Nitrate	NO2+NO3-N	ug/L	N	1/16/2006	1/10/2007	14	14	100	--	--	120	3,400	--	--	--	--
300 SW	n-Nitrosodi-n-dipropylamine	621-64-7	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	n-Nitrosodiphenylamine	86-30-6	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	pH Measurement	PH	unitless	N	1/16/2006	2/6/2007	15	15	100	--	--	7.4	9.7	--	--	8.2	1
300 SW	Phenanthrene	85-01-8	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Phenol	108-95-2	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Phosphate	14265-44-2	ug/L	N	9/18/1995	1/10/2007	16	0	0	83	340	--	--	--	--	162	--
300 SW	Phosphorus	7723-14-0	ug/L	N	1/16/2006	1/10/2007	14	3	21	8.3	13	8.4	21	--	--	--	--
300 SW	Plutonium-239/240	PU-239/240	pCi/L	Y	4/3/1990	1/5/1993	12	10	83	5.69E-06	5.89E-06	1.26E-05	5.77E-04	--	--	--	--

Table M-12. Summary of Surface Water Analytes Without Ecological Screening Levels

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 SW	Potassium	7440-09-7	ug/L	N	8/26/1994	1/10/2007	17	17	100	--	--	716	2,400	--	--	9,122	--
300 SW	Pyrene	129-00-0	ug/L	N	1/16/2006	2/6/2007	14	0	0	10	11	--	--	--	--	--	--
300 SW	Ruthenium-103	13968-53-1	pCi/L	N	6/7/2000	12/1/2004	47	0	0	1.5	14	--	--	--	--	--	--
300 SW	Ruthenium-106	13967-48-1	pCi/L	N	6/7/2000	1/10/2007	61	0	0	10	220	--	--	--	--	128	--
300 SW	Ruthenium-106	13967-48-1	pCi/L	Y	1/10/1990	1/5/1993	28	5	18	-1.00E-01	0.041	0.0091	0.060	--	--	128	--
300 SW	Selenium-75	SE-75	pCi/L	N	11/5/2002	11/5/2002	1	0	0	6.5	6.5	--	--	--	--	--	--
300 SW	Silicon	7440-21-3	ug/L	N	1/16/2006	1/10/2007	14	14	100	--	--	2,260	4,650	--	--	33,949	--
300 SW	Silver-110 [metastable]	AG-110M	pCi/L	N	11/5/2002	11/5/2002	1	0	0	5.7	5.7	--	--	--	--	--	--
300 SW	Sodium	7440-23-5	ug/L	N	8/26/1994	1/10/2007	17	17	100	--	--	2,250	5,220	--	--	26,998	--
300 SW	Sodium-24	13982-04-2	pCi/L	N	11/5/2002	11/5/2002	1	0	0	26,600	26,600	--	--	--	--	--	--
300 SW	Specific Conductance	CONDUCT	uS/cm	N	1/16/2006	2/6/2007	15	15	100	--	--	134	267	--	--	541,000	--
300 SW	Strontium	7440-24-6	ug/L	N	9/18/1995	1/10/2007	16	16	100	--	--	91	145	--	--	323	--
300 SW	Strontium-85	13967-73-2	pCi/L	N	11/5/2002	11/5/2002	1	0	0	7.8	7.8	--	--	--	--	--	--
300 SW	Sulfate	14808-79-8	ug/L	N	8/26/1994	1/10/2007	52	52	100	--	--	1,100	24,000	--	--	47,014	--
300 SW	Tellurium-129M	TE-129M	pCi/L	N	11/5/2002	11/5/2002	1	0	0	68	68	--	--	--	--	--	--
300 SW	Temperature	TEMPERATURE	Deg C	N	1/16/2006	2/6/2007	15	15	100	--	--	4.6	6.9	--	--	--	--
300 SW	Tetrachloroethene	127-18-4	ug/L	N	9/20/1996	9/20/1996	1	0	0	0.35	0.35	--	--	--	--	--	--
300 SW	Tetrahydrofuran	109-99-9	ug/L	N	9/20/1996	9/20/1996	1	0	0	2.5	2.5	--	--	--	--	--	--
300 SW	Thallium	7440-28-0	ug/L	N	9/20/1996	1/10/2007	32	18	56	3.7	6.4	0.0067	6.8	--	--	1.7	1
300 SW	Thallium	7440-28-0	ug/L	Y	9/10/2002	9/15/2004	14	10	71	0.0090	0.0090	0.0068	0.019	--	--	1.7	--
300 SW	Tin	7440-31-5	ug/L	N	8/26/1994	1/10/2007	17	3	18	3.6	5.2	26	56	--	--	22	3
300 SW	Tin-113	13966-06-8	pCi/L	N	11/5/2002	11/5/2002	1	0	0	7.1	7.1	--	--	--	--	--	--
300 SW	Toluene	108-88-3	ug/L	N	9/20/1996	9/20/1996	1	0	0	0.44	0.44	--	--	--	--	--	--
300 SW	Total organic carbon	TOC	ug/L	N	1/16/2006	1/24/2006	12	12	100	--	--	910	1,200	--	--	2,706	--
300 SW	Total petroleum hydrocarbons	TPH	ug/L	N	1/16/2006	1/10/2007	14	0	0	1,000	2,000	--	--	--	--	--	--
300 SW	Total petroleum hydrocarbons - diesel range	TPHDIESEL	ug/L	N	1/16/2006	1/10/2007	14	0	0	100	103	--	--	--	--	--	--
300 SW	Total petroleum hydrocarbons - gasoline range	TPHGASOLINE	ug/L	N	1/16/2006	1/10/2007	14	0	0	30	42	--	--	--	--	--	--
300 SW	trans-1,2-Dichloroethylene	156-60-5	ug/L	N	9/20/1996	9/20/1996	1	0	0	0.48	0.48	--	--	--	--	--	--
300 SW	Trichloroethene	79-01-6	ug/L	N	9/18/1995	9/20/1996	2	2	100	--	--	0.71	0.80	--	--	--	--
300 SW	Uranium	7440-61-1	ug/L	N	1/16/2006	1/10/2007	14	0	0	14	21	--	--	--	--	9.9	--
300 SW	Uranium [radionuclide]	U_rad	pCi/L	N	9/19/2000	9/15/2004	17	17	100	--	--	0.25	12	--	--	--	--
300 SW	Vanadium	7440-62-2	ug/L	N	9/18/1995	1/10/2007	16	4	25	0.60	0.90	1.1	5.0	--	--	12	--
300 SW	Vinyl chloride	75-01-4	ug/L	N	9/20/1996	9/20/1996	1	0	0	1.3	1.3	--	--	--	--	--	--
300 SW	Xylenes (total)	1330-20-7	ug/L	N	9/20/1996	9/20/1996	1	0	0	1.3	1.3	--	--	--	--	--	--
300 SW	Yttrium-88	Y-88	pCi/L	N	11/5/2002	11/5/2002	1	0	0	6.7	6.7	--	--	--	--	--	--

Table M-13. Summary of Groundwater Analytes That Were Not Detected

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 Area Near-Shore Wells	4,4'-DDT (Dichlorodiphenyltrichloroethane)	50-29-3	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	0.0010	--	--	--
300 Area Near-Shore Wells	Acrolein	107-02-8	ug/L	N	6/4/2010	11/11/2010	18	0	0	2.8	2.8	--	--	3.0	--	--	--
300 Area Near-Shore Wells	Aldrin	309-00-2	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	0.0019	--	--	--
300 Area Near-Shore Wells	Alpha-Chlordane	5103-71-9	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	0.0043	--	--	--
300 Area Near-Shore Wells	Americium-241	14596-10-2	pCi/L	N	1/19/2006	1/19/2006	2	0	0	57	200	--	--	202,000	--	7.70E-05	--
300 Area Near-Shore Wells	Antimony-125	14234-35-6	pCi/L	N	1/19/2006	1/19/2006	2	0	0	29	57	--	--	6.97E+06	--	--	--
300 Area Near-Shore Wells	Aroclor-1016	12674-11-2	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.40	0.40	--	--	0.014	--	--	--
300 Area Near-Shore Wells	Aroclor-1221	11104-28-2	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.40	0.40	--	--	0.014	--	--	--
300 Area Near-Shore Wells	Aroclor-1232	11141-16-5	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.40	0.40	--	--	0.014	--	--	--
300 Area Near-Shore Wells	Aroclor-1242	53469-21-9	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.40	0.40	--	--	0.014	--	--	--
300 Area Near-Shore Wells	Aroclor-1248	12672-29-6	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.40	0.40	--	--	0.014	--	--	--
300 Area Near-Shore Wells	Aroclor-1254	11097-69-1	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.40	0.40	--	--	0.014	--	--	--
300 Area Near-Shore Wells	Aroclor-1260	11096-82-5	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.40	0.40	--	--	0.014	--	--	--
300 Area Near-Shore Wells	Cadmium	7440-43-9	ug/L	Y	1/4/2006	4/5/2011	179	0	0	0.20	30	--	--	0.25	--	0.92	--
300 Area Near-Shore Wells	Carbon-14	14762-75-5	pCi/L	N	1/19/2006	1/19/2006	2	0	0	-2.02E+01	-1.43E+01	--	--	2.33E+07	--	--	--
300 Area Near-Shore Wells	Cesium-134	13967-70-9	pCi/L	N	1/19/2006	1/19/2006	2	0	0	15	26	--	--	326,000	--	1.1	--
300 Area Near-Shore Wells	Cesium-137	10045-97-3	pCi/L	N	1/19/2006	1/19/2006	2	0	0	11	24	--	--	599,000	--	8.6	--
300 Area Near-Shore Wells	Cobalt-60	10198-40-0	pCi/L	N	1/19/2006	1/19/2006	2	0	0	12	26	--	--	1.19E+06	--	0.023	--
300 Area Near-Shore Wells	Cyanide	57-12-5	ug/L	N	6/4/2010	11/11/2010	18	0	0	4.0	4.0	--	--	5.2	--	8.4	--
300 Area Near-Shore Wells	Dieldrin	60-57-1	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	0.0019	--	--	--
300 Area Near-Shore Wells	Endosulfan I	959-98-8	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	0.056	--	--	--
300 Area Near-Shore Wells	Endosulfan II	33213-65-9	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	0.056	--	--	--
300 Area Near-Shore Wells	Endrin	72-20-8	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	0.0023	--	--	--
300 Area Near-Shore Wells	Europium-152	14683-23-9	pCi/L	N	1/19/2006	1/19/2006	2	0	0	34	59	--	--	2.55E+06	--	222	--
300 Area Near-Shore Wells	Europium-154	15585-10-1	pCi/L	N	1/19/2006	1/19/2006	2	0	0	32	70	--	--	2.17E+06	--	70	--
300 Area Near-Shore Wells	Europium-155	14391-16-3	pCi/L	N	1/19/2006	1/19/2006	2	0	0	38	81	--	--	2.71E+07	--	5.9	--
300 Area Near-Shore Wells	Gamma-BHC (Lindane)	58-89-9	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	0.080	--	--	--
300 Area Near-Shore Wells	Heptachlor	76-44-8	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	0.0038	--	--	--
300 Area Near-Shore Wells	Heptachlor epoxide	1024-57-3	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	0.0038	--	--	--
300 Area Near-Shore Wells	Hexavalent Chromium	18540-29-9	ug/L	N	1/19/2006	1/19/2006	2	0	0	2.0	2.0	--	--	10	--	--	--
300 Area Near-Shore Wells	Lead	7439-92-1	ug/L	Y	6/4/2010	12/6/2010	19	0	0	0.20	0.20	--	--	2.1	--	0.92	--
300 Area Near-Shore Wells	Mercury	7439-97-6	ug/L	N	1/19/2006	12/6/2010	30	0	0	0.050	0.10	--	--	0.012	--	0.0030	--
300 Area Near-Shore Wells	Mercury	7439-97-6	ug/L	Y	6/4/2010	12/6/2010	19	0	0	0.10	0.10	--	--	0.012	--	0.0030	--
300 Area Near-Shore Wells	Methoxychlor	72-43-5	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	0.030	--	--	--
300 Area Near-Shore Wells	Pentachlorophenol	87-86-5	ug/L	N	1/19/2006	1/19/2006	2	0	0	25	25	--	--	13	--	--	--
300 Area Near-Shore Wells	Potassium-40	13966-00-2	pCi/L	N	1/19/2006	1/19/2006	2	0	0	120	730	--	--	1.93E+06	--	203	--
300 Area Near-Shore Wells	Radium-226	13982-63-3	pCi/L	N	1/19/2006	1/19/2006	2	0	0	22	58	--	--	8,110	--	1.1	--
300 Area Near-Shore Wells	Radium-228	15262-20-1	pCi/L	N	1/19/2006	1/19/2006	2	0	0	-2.25E-01	0.035	--	--	6,780	--	--	--
300 Area Near-Shore Wells	Strontium-90	10098-97-2	pCi/L	N	1/19/2006	11/11/2010	20	0	0	-1.10E+01	0.043	--	--	54,500	--	0.0010	--
300 Area Near-Shore Wells	Thorium-228	14274-82-9	pCi/L	N	1/19/2006	1/19/2006	2	0	0	0.021	0.039	--	--	63,300	--	--	--
300 Area Near-Shore Wells	Thorium-230	14269-63-7	pCi/L	N	1/19/2006	1/19/2006	2	0	0	-7.80E-02	-6.30E-02	--	--	452,000	--	--	--
300 Area Near-Shore Wells	Thorium-232	TH-232	pCi/L	N	1/19/2006	1/19/2006	2	0	0	-2.10E-02	--	--	--	4.32E+06	--	--	--
300 Area Near-Shore Wells	Toxaphene	8001-35-2	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.50	0.50	--	--	2.00E-04	--	--	--
300 Area Near-Shore Wells	trans-Chlordane	5103-74-2	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	0.0043	--	--	--

Table M-14. Summary of Aquifer Tube Analytes That Were Not Detected

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 ATs	Heptachlor	76-44-8	ug/L	N	9/23/2008	10/28/2008	7	0	0	0.0030	0.050	--	--	0.0038	--	--	--
300 ATs	Heptachlor epoxide	1024-57-3	ug/L	N	9/23/2008	10/28/2008	7	0	0	0.0030	0.050	--	--	0.0038	--	--	--
300 ATs	Lead	7439-92-1	ug/L	N	9/25/2008	10/28/2008	7	0	0	1.3	45	--	--	2.1	--	0.92	--
300 ATs	Neptunium-237	13994-20-2	pCi/L	N	9/25/2008	10/28/2008	7	0	0	-8.30E-02	0.068	--	--	6.49E+06	--	--	--
300 ATs	Pentachlorophenol	87-86-5	ug/L	N	9/23/2008	10/28/2008	7	0	0	2.0	25	--	--	13	--	--	--

Table M-15. Summary of Pore Water Analytes That Were Not Detected

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 PORE-WATER	4,4'-DDT (Dichlorodiphenyltrichloroethane)	50-29-3	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	0.0010	--	--	--
300 PORE-WATER	Aldrin	309-00-2	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	0.0019	--	--	--
300 PORE-WATER	Alpha-Chlordane	5103-71-9	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	0.0043	--	--	--
300 PORE-WATER	Americium-241	14596-10-2	pCi/L	N	1/16/2006	1/3/2007	16	0	0	32	230	--	--	202,000	--	7.70E-05	--
300 PORE-WATER	Antimony-125	14234-35-6	pCi/L	N	1/16/2006	1/3/2007	16	0	0	17	69	--	--	6.97E+06	--	--	--
300 PORE-WATER	Aroclor-1016	12674-11-2	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.40	0.41	--	--	0.014	--	--	--
300 PORE-WATER	Aroclor-1221	11104-28-2	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.40	0.41	--	--	0.014	--	--	--
300 PORE-WATER	Aroclor-1232	11141-16-5	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.40	0.41	--	--	0.014	--	--	--
300 PORE-WATER	Aroclor-1242	53469-21-9	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.40	0.41	--	--	0.014	--	--	--
300 PORE-WATER	Aroclor-1248	12672-29-6	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.40	0.41	--	--	0.014	--	--	--
300 PORE-WATER	Aroclor-1254	11097-69-1	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.40	0.41	--	--	0.014	--	--	--
300 PORE-WATER	Aroclor-1260	11096-82-5	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.40	0.41	--	--	0.014	--	--	--
300 PORE-WATER	Cadmium	7440-43-9	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.30	0.70	--	--	0.25	--	0.92	--
300 PORE-WATER	Cesium-134	13967-70-9	pCi/L	N	1/16/2006	1/3/2007	16	0	0	8.1	35	--	--	326,000	--	1.1	--
300 PORE-WATER	Cesium-137	10045-97-3	pCi/L	N	1/16/2006	1/3/2007	16	0	0	6.3	29	--	--	599,000	--	8.6	--
300 PORE-WATER	Cobalt-60	10198-40-0	pCi/L	N	1/16/2006	1/3/2007	16	0	0	7.0	32	--	--	1.19E+06	--	0.023	--
300 PORE-WATER	Dieldrin	60-57-1	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	0.0019	--	--	--
300 PORE-WATER	Endosulfan I	959-98-8	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	0.056	--	--	--
300 PORE-WATER	Endosulfan II	33213-65-9	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	0.056	--	--	--
300 PORE-WATER	Endrin	72-20-8	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	0.0023	--	--	--
300 PORE-WATER	Europium-152	14683-23-9	pCi/L	N	1/16/2006	1/3/2007	16	0	0	20	76	--	--	2.55E+06	--	222	--
300 PORE-WATER	Europium-154	15585-10-1	pCi/L	N	1/16/2006	1/3/2007	16	0	0	19	88	--	--	2.17E+06	--	70	--
300 PORE-WATER	Europium-155	14391-16-3	pCi/L	N	1/16/2006	1/3/2007	16	0	0	23	96	--	--	2.71E+07	--	5.9	--
300 PORE-WATER	Gamma-BHC (Lindane)	58-89-9	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	0.080	--	--	--
300 PORE-WATER	gamma-Chlordane	5566-34-7	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	0.0043	--	--	--
300 PORE-WATER	Heptachlor	76-44-8	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	0.0038	--	--	--
300 PORE-WATER	Heptachlor epoxide	1024-57-3	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	0.0038	--	--	--
300 PORE-WATER	Mercury	7439-97-6	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.10	0.10	--	--	0.012	--	0.0030	--
300 PORE-WATER	Methoxychlor	72-43-5	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	0.030	--	--	--
300 PORE-WATER	Nickel	7440-02-0	ug/L	N	1/16/2006	1/3/2007	16	0	0	1.3	2.2	--	--	52	--	1.6	--
300 PORE-WATER	Pentachlorophenol	87-86-5	ug/L	N	1/16/2006	1/3/2007	16	0	0	25	26	--	--	13	--	--	--
300 PORE-WATER	Potassium-40	13966-00-2	pCi/L	N	1/16/2006	1/3/2007	16	0	0	--	860	--	--	1.93E+06	--	203	--
300 PORE-WATER	Radium-226	13982-63-3	pCi/L	N	1/16/2006	1/3/2007	16	0	0	-2.80E-02	0.53	--	--	8,110	--	1.1	--
300 PORE-WATER	Radium-228	15262-20-1	pCi/L	N	1/16/2006	1/3/2007	16	0	0	-4.83E-01	1.2	--	--	6,780	--	--	--
300 PORE-WATER	Silver	7440-22-4	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.50	1.4	--	--	2.6	--	5.3	--
300 PORE-WATER	Strontium-90	10098-97-2	pCi/L	N	1/16/2006	1/3/2007	16	0	0	-1.53E-01	0.22	--	--	54,500	--	0.0010	--
300 PORE-WATER	Thorium-228	14274-82-9	pCi/L	N	1/16/2006	1/3/2007	16	0	0	-1.69E-01	0.081	--	--	63,300	--	--	--
300 PORE-WATER	Thorium-230	14269-63-7	pCi/L	N	1/16/2006	1/3/2007	16	0	0	-9.50E-02	0.24	--	--	452,000	--	--	--
300 PORE-WATER	Toxaphene	8001-35-2	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.50	0.52	--	--	2.00E-04	--	--	--

Table M-16. Summary of Surface Water Analytes That Were Not Detected

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 SEEP	Cerium/Praseodymium-144	CE/PR-144	pCi/L	N	12/31/1991	9/25/1994	7	0	0	-1.02E+01	13	--	--	2.85E+06	--	--	--
300 SEEP	Cesium-134	13967-70-9	pCi/L	N	12/31/1991	10/25/2004	57	0	0	-2.13E+00	3.6	--	--	326,000	--	1.1	--
300 SEEP	Europium-152	14683-23-9	pCi/L	N	10/13/2003	10/25/2004	3	0	0	-2.82E+00	-1.24E+00	--	--	2.55E+06	--	222	--
300 SEEP	Europium-155	14391-16-3	pCi/L	N	12/31/1991	10/25/2004	57	0	0	-7.11E+00	5.6	--	--	2.71E+07	--	5.9	--
300 SEEP	Silver	7440-22-4	ug/L	Y	10/13/2003	10/25/2004	3	0	0	0.0017	0.0085	--	--	2.6	--	5.3	--
300 SEEP	Zinc-65	13982-39-3	pCi/L	N	12/31/1991	9/25/1994	7	0	0	-3.94E+00	0.81	--	--	173,000	--	--	--
300 SEEP	Zirconium/Niobium-95	ZR/NB-95	pCi/L	N	12/31/1991	9/25/1994	7	0	0	-2.42E+00	2.0	--	--	2.21E+06	--	--	--

Table M-17. Summary of Surface Water Analytes That Were Not Detected

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 SW	4,4'-DDT (Dichlorodiphenyltrichloroethane)	50-29-3	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	0.0010	--	--	--
300 SW	Aldrin	309-00-2	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	0.0019	--	--	--
300 SW	Alpha-Chlordane	5103-71-9	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	0.0043	--	--	--
300 SW	Americium-241	14596-10-2	pCi/L	N	1/16/2006	1/10/2007	14	0	0	6.8	200	--	--	202,000	--	7.70E-05	--
300 SW	Antimony-125	14234-35-6	pCi/L	N	11/5/2002	1/10/2007	15	0	0	12	58	--	--	6.97E+06	--	--	--
300 SW	Aroclor-1016	12674-11-2	ug/L	N	1/16/2006	2/6/2007	15	0	0	0.40	0.41	--	--	0.014	--	--	--
300 SW	Aroclor-1221	11104-28-2	ug/L	N	1/16/2006	2/6/2007	15	0	0	0.40	0.41	--	--	0.014	--	--	--
300 SW	Aroclor-1232	11141-16-5	ug/L	N	1/16/2006	2/6/2007	15	0	0	0.40	0.41	--	--	0.014	--	--	--
300 SW	Aroclor-1242	53469-21-9	ug/L	N	1/16/2006	2/6/2007	15	0	0	0.40	0.41	--	--	0.014	--	--	--
300 SW	Aroclor-1248	12672-29-6	ug/L	N	1/16/2006	2/6/2007	15	0	0	0.40	0.41	--	--	0.014	--	--	--
300 SW	Aroclor-1254	11097-69-1	ug/L	N	1/16/2006	2/6/2007	15	0	0	0.40	0.41	--	--	0.014	--	--	--
300 SW	Aroclor-1260	11096-82-5	ug/L	N	1/16/2006	2/6/2007	15	0	0	0.40	0.41	--	--	0.014	--	--	--
300 SW	Cerium-141	13967-74-3	pCi/L	N	6/7/2000	12/1/2004	47	0	0	2.5	25	--	--	1.56E+07	--	--	--
300 SW	Cerium-144	14762-78-8	pCi/L	N	6/7/2000	12/1/2004	47	0	0	8.9	39	--	--	2.85E+06	--	--	--
300 SW	Cesium-134	13967-70-9	pCi/L	Y	1/10/1990	1/5/1993	28	0	0	-2.61E-02	6.78E-04	--	--	326,000	--	1.1	--
300 SW	Chromium-51	14392-02-0	pCi/L	N	11/5/2002	11/5/2002	1	0	0	52	52	--	--	9.93E+07	--	--	--
300 SW	Cobalt-58	13981-38-9	pCi/L	N	1/5/1999	2/1/2005	122	0	0	-2.00E+00	9.5	--	--	3.23E+06	--	--	--
300 SW	Dieldrin	60-57-1	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	0.0019	--	--	--
300 SW	Endosulfan I	959-98-8	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	0.056	--	--	--
300 SW	Endosulfan II	33213-65-9	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	0.056	--	--	--
300 SW	Endrin	72-20-8	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	0.0023	--	--	--
300 SW	Europium-152	14683-23-9	pCi/L	N	6/7/2000	1/10/2007	61	0	0	3.3	64	--	--	2.55E+06	--	222	--
300 SW	Europium-154	15585-10-1	pCi/L	N	11/5/2002	1/10/2007	15	0	0	9.0	71	--	--	2.17E+06	--	70	--
300 SW	Europium-155	14391-16-3	pCi/L	N	1/16/2006	1/10/2007	14	0	0	11	87	--	--	2.71E+07	--	5.9	--
300 SW	Gamma-BHC (Lindane)	58-89-9	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	0.080	--	--	--
300 SW	gamma-Chlordane	5566-34-7	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	0.0043	--	--	--
300 SW	Heptachlor	76-44-8	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	0.0038	--	--	--
300 SW	Heptachlor epoxide	1024-57-3	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	0.0038	--	--	--
300 SW	Methoxychlor	72-43-5	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	0.030	--	--	--
300 SW	Pentachlorophenol	87-86-5	ug/L	N	1/16/2006	2/6/2007	14	0	0	25	27	--	--	13	--	--	--
300 SW	Radium-228	15262-20-1	pCi/L	N	1/16/2006	1/10/2007	14	0	0	-3.28E-01	0.55	--	--	6,780	--	--	--
300 SW	Thorium-228	14274-82-9	pCi/L	N	6/7/2000	1/10/2007	62	0	0	-7.20E-02	500	--	--	63,300	--	--	--
300 SW	Thorium-230	14269-63-7	pCi/L	N	1/16/2006	1/10/2007	14	0	0	-9.30E-02	0.094	--	--	452,000	--	--	--
300 SW	Thorium-232	TH-232	pCi/L	N	11/5/2002	1/10/2007	15	0	0	-6.40E-02	25	--	--	4.32E+06	--	--	--
300 SW	Toxaphene	8001-35-2	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.50	0.52	--	--	2.00E-04	--	--	--
300 SW	Zinc-65	13982-39-3	pCi/L	N	1/5/1999	2/1/2005	122	0	0	-4.00E+00	15	--	--	173,000	--	--	--

Table M-18. Summary of Groundwater Analytes That Do Not Exceed an Ecological Screening Level

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 Area Near-Shore Wells	Aluminum	7429-90-5	ug/L	N	1/19/2006	12/6/2010	30	5	17	5.0	18	27	65	87	--	7.1	5
300 Area Near-Shore Wells	Arsenic	7440-38-2	ug/L	N	1/19/2006	12/6/2010	30	23	77	0.80	0.80	0.93	7.0	150	--	7.9	--
300 Area Near-Shore Wells	Arsenic	7440-38-2	ug/L	Y	6/4/2010	12/6/2010	19	16	84	0.80	0.80	1.0	6.1	150	--	7.9	--
300 Area Near-Shore Wells	Chloride	16887-00-6	ug/L	N	1/4/2006	4/5/2011	276	276	100	--	--	1,260	28,900	230,000	--	15,630	148
300 Area Near-Shore Wells	Chloride	16887-00-6	ug/L	Y	12/6/2010	12/6/2010	1	1	100	--	--	3,430	3,430	230,000	--	15,630	--
300 Area Near-Shore Wells	Chromium	7440-47-3	ug/L	Y	1/4/2006	4/5/2011	174	35	20	1.0	14	1.4	30	65	--	2.4	30
300 Area Near-Shore Wells	Chromium	7440-47-3	ug/L	N	1/19/2006	4/5/2011	143	29	20	1.0	14	1.4	16	65	--	2.4	25
300 Area Near-Shore Wells	Lead	7439-92-1	ug/L	N	1/19/2006	12/6/2010	30	1	3.3	0.10	3.1	0.22	0.22	2.1	--	0.92	--
300 Area Near-Shore Wells	Selenium	7782-49-2	ug/L	N	1/19/2006	12/6/2010	30	23	77	0.60	3.6	0.48	4.2	5.0	--	11	--
300 Area Near-Shore Wells	Selenium	7782-49-2	ug/L	Y	6/4/2010	12/6/2010	19	18	95	0.60	0.60	0.72	4.1	5.0	--	11	--
300 Area Near-Shore Wells	Tritium	10028-17-8	pCi/L	N	1/19/2006	4/5/2011	45	44	98	98	98	820	8,000	2.31E+08	--	119	44
300 Area Near-Shore Wells	Uranium-235	15117-96-1	pCi/L	N	1/19/2006	4/5/2011	43	43	100	--	--	0.17	5.5	419,000	--	--	--
300 Area Near-Shore Wells	Uranium-238	U-238	pCi/L	N	1/19/2006	4/5/2011	43	43	100	--	--	2.1	69	406,000	--	--	--
300 Area Near-Shore Wells	Zinc	7440-66-6	ug/L	N	1/19/2006	4/5/2011	143	34	24	1.6	9.0	2.7	30	91	--	22	3

Table M-19. Summary of Aquifer Tube Analytes That Do Not Exceed an Ecological Screening Level

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 ATs	Aluminum	7429-90-5	ug/L	Y	6/10/2004	6/10/2004	1	1	100	--	--	2.3	2.3	87	--	7.1	--
300 ATs	Arsenic	7440-38-2	ug/L	N	12/11/2006	10/28/2008	28	15	54	2.0	78	0.73	35	150	--	7.9	1
300 ATs	Arsenic	7440-38-2	ug/L	Y	6/10/2004	10/28/2008	21	12	57	2.0	78	0.75	61	150	--	7.9	1
300 ATs	Chloride	16887-00-6	ug/L	N	6/10/2004	3/29/2011	150	150	100	--	--	1,040	49,900	230,000	--	15,630	53
300 ATs	Chromium	7440-47-3	ug/L	N	12/11/2006	3/29/2011	93	21	23	3.1	14	1.1	19	65	--	2.4	15
300 ATs	Chromium	7440-47-3	ug/L	Y	6/10/2004	3/29/2011	98	25	26	3.1	14	0.89	19	65	--	2.4	19
300 ATs	Copper	7440-50-8	ug/L	Y	1/24/2006	3/29/2011	78	4	5.1	2.8	6.0	4.0	6.0	9.0	--	0.81	4
300 ATs	Hexavalent Chromium	18540-29-9	ug/L	N	2/19/2009	1/29/2010	14	3	21	2.0	2.0	2.0	2.2	10	--	--	--
300 ATs	Hexavalent Chromium	18540-29-9	ug/L	Y	11/15/2009	1/29/2010	6	1	17	2.0	2.0	2.6	2.6	10	--	--	--
300 ATs	Iodine-129	15046-84-1	pCi/L	N	8/25/2008	1/29/2010	22	1	4.6	-2.27E+00	0.72	0.27	0.27	5.70E+06	--	9.00E-07	1
300 ATs	Lead	7439-92-1	ug/L	Y	6/10/2004	10/28/2008	8	1	13	1.3	45	0.013	0.013	2.1	--	0.92	--
300 ATs	Nickel	7440-02-0	ug/L	N	12/11/2006	3/29/2011	93	14	15	0.20	6.0	0.20	5.9	52	--	1.6	5
300 ATs	Nickel	7440-02-0	ug/L	Y	6/10/2004	3/29/2011	98	7	7.1	0.20	7.5	0.27	4.5	52	--	1.6	2
300 ATs	Protactinium-231	14331-85-2	pCi/L	N	8/25/2008	10/28/2008	8	1	13	-4.50E-02	0.12	0.16	0.16	1.26E+06	--	--	--
300 ATs	Selenium	7782-49-2	ug/L	Y	6/10/2004	6/10/2004	1	1	100	--	--	0.43	0.43	5.0	--	11	--
300 ATs	Strontium-90	10098-97-2	pCi/L	N	9/25/2008	10/28/2008	7	1	14	-2.97E+00	0.25	1.9	1.9	54,500	--	0.0010	1
300 ATs	Technetium-99	14133-76-7	pCi/L	N	9/25/2008	1/29/2010	22	6	27	-1.30E+01	4.7	13	45	1.55E+07	--	0.83	6
300 ATs	Tritium	10028-17-8	pCi/L	N	1/24/2006	3/29/2011	98	73	74	-5.60E+01	340	198	24,000	2.31E+08	--	119	73
300 ATs	Uranium-235	15117-96-1	pCi/L	N	9/25/2008	10/28/2008	7	5	71	0.018	0.027	0.036	0.12	419,000	--	--	--
300 ATs	Uranium-238	U-238	pCi/L	N	9/25/2008	10/28/2008	7	7	100	--	--	0.22	1.7	406,000	--	--	--

Table M-20. Summary of Pore Water Analytes That Do Not Exceed an Ecological Screening Level

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 PORE-WATER	Arsenic	7440-38-2	ug/L	N	1/16/2006	1/3/2007	16	6	38	3.1	3.7	3.6	12	150	--	7.9	2
300 PORE-WATER	Chloride	16887-00-6	ug/L	N	1/16/2006	1/3/2007	16	16	100	--	--	980	13,200	230,000	--	15,630	--
300 PORE-WATER	Chromium	7440-47-3	ug/L	N	1/16/2006	1/3/2007	16	1	6.3	0.70	1.6	2.8	2.8	65	--	2.4	1
300 PORE-WATER	Copper	7440-50-8	ug/L	N	1/16/2006	1/3/2007	16	8	50	0.70	1.2	1.5	8.9	9.0	--	0.81	8
300 PORE-WATER	Hexavalent Chromium	18540-29-9	ug/L	N	1/16/2006	1/3/2007	15	1	6.7	2.0	3.0	5.5	5.5	10	--	--	--
300 PORE-WATER	Selenium	7782-49-2	ug/L	N	1/16/2006	1/3/2007	16	1	6.3	2.6	4.3	4.1	4.1	5.0	--	11	--
300 PORE-WATER	Thorium-232	TH-232	pCi/L	N	1/16/2006	1/3/2007	16	1	6.3	-2.00E-02	0.035	0.28	0.28	4.32E+06	--	--	--
300 PORE-WATER	Tritium	10028-17-8	pCi/L	N	1/16/2006	1/3/2007	16	3	19	-4.28E+01	115	1,970	6,260	2.31E+08	--	119	3
300 PORE-WATER	Uranium-233/234	13966-29-5	pCi/L	N	1/16/2006	1/3/2007	16	16	100	--	--	0.21	51	404,000	--	0.85	7
300 PORE-WATER	Uranium-235	15117-96-1	pCi/L	N	1/16/2006	1/3/2007	16	3	19	--	0.12	0.36	5.8	419,000	--	--	--
300 PORE-WATER	Uranium-238	U-238	pCi/L	N	1/16/2006	1/3/2007	16	14	88	0.20	0.20	0.18	46	406,000	--	--	--
300 PORE-WATER	Zinc	7440-66-6	ug/L	N	1/16/2006	1/3/2007	16	15	94	0.50	0.50	1.1	13	91	--	22	--

Table M-21. Summary of Seep/Spring Analytes That Do Not Exceed an Ecological Screening Level

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 SEEP	Antimony-125	14234-35-6	pCi/L	N	12/31/1991	10/25/2004	56	1	1.8	-4.98E+00	7.5	3.2	3.2	6.97E+06	--	--	--
300 SEEP	Arsenic	7440-38-2	ug/L	N	9/27/2000	10/25/2004	10	10	100	--	--	0.79	4.0	150	--	7.9	--
300 SEEP	Arsenic	7440-38-2	ug/L	Y	10/13/2003	10/25/2004	3	3	100	--	--	1.2	1.6	150	--	7.9	--
300 SEEP	Cadmium	7440-43-9	ug/L	Y	10/13/2003	10/25/2004	3	3	100	--	--	0.016	0.028	0.25	--	0.92	--
300 SEEP	Cesium-137	10045-97-3	pCi/L	N	12/31/1991	10/25/2004	57	2	3.5	-2.89E+00	2.9	0.88	1.2	599,000	--	8.6	--
300 SEEP	Chloride	16887-00-6	ug/L	N	8/29/1994	10/25/2004	12	12	100	--	--	4,800	18,300	230,000	--	15,630	4
300 SEEP	Chromium	7440-47-3	ug/L	N	9/5/1995	10/25/2004	14	14	100	--	--	0.42	18	65	--	2.4	9
300 SEEP	Chromium	7440-47-3	ug/L	Y	10/13/2003	10/25/2004	3	3	100	--	--	1.5	5.0	65	--	2.4	1
300 SEEP	Cobalt-60	10198-40-0	pCi/L	N	12/31/1991	10/25/2004	57	3	5.3	-2.56E+00	1.8	1.5	6.6	1.19E+06	--	0.023	3
300 SEEP	Copper	7440-50-8	ug/L	Y	10/13/2003	10/25/2004	3	3	100	--	--	0.34	0.45	9.0	--	0.81	--
300 SEEP	Europium-154	15585-10-1	pCi/L	N	12/31/1991	10/25/2004	57	1	1.8	-9.51E+00	12	2.2	2.2	2.17E+06	--	70	--
300 SEEP	Hexavalent Chromium	18540-29-9	ug/L	N	11/21/1996	11/21/1996	1	1	100	--	--	0.90	0.90	10	--	--	--
300 SEEP	Iodine-129	15046-84-1	pCi/L	N	9/20/1993	10/25/2004	19	18	95	-5.00E-01	-5.00E-01	0.0019	0.0068	5.70E+06	--	9.00E-07	18
300 SEEP	Lead	7439-92-1	ug/L	Y	10/13/2003	10/25/2004	3	2	67	0.011	0.011	0.17	0.35	2.1	--	0.92	--
300 SEEP	Mercury	7439-97-6	ug/L	N	9/27/2000	10/25/2004	8	8	100	--	--	7.35E-04	0.0047	0.012	--	0.0030	1
300 SEEP	Nickel	7440-02-0	ug/L	N	11/21/1996	10/25/2004	13	12	92	7.4	7.4	0.38	18	52	--	1.6	5
300 SEEP	Nickel	7440-02-0	ug/L	Y	10/13/2003	10/25/2004	3	3	100	--	--	0.97	1.5	52	--	1.6	--
300 SEEP	Potassium-40	13966-00-2	pCi/L	N	12/31/1991	10/25/2004	60	13	22	-1.11E+02	48	4.7	183	1.93E+06	--	203	--
300 SEEP	Selenium	7782-49-2	ug/L	N	9/27/2000	10/25/2004	12	12	100	--	--	0.37	4.3	5.0	--	11	--
300 SEEP	Selenium	7782-49-2	ug/L	Y	10/13/2003	10/25/2004	3	3	100	--	--	1.1	3.1	5.0	--	11	--
300 SEEP	Silver	7440-22-4	ug/L	N	11/21/1996	10/25/2004	11	5	45	0.0012	4.5	0.0013	0.064	2.6	--	5.3	--
300 SEEP	Strontium-90	10098-97-2	pCi/L	N	9/20/1993	10/25/2004	24	15	63	-3.00E-01	0.30	0.11	3.0	54,500	--	0.0010	15
300 SEEP	Technetium-99	14133-76-7	pCi/L	N	12/31/1991	10/25/2004	25	24	96	0.50	0.50	1.2	34	1.55E+07	--	0.83	24
300 SEEP	Thorium-228	14274-82-9	pCi/L	N	8/27/2001	9/18/2001	11	6	55	0.0018	0.030	0.057	0.75	63,300	--	--	--
300 SEEP	Thorium-230	14269-63-7	pCi/L	N	8/27/2001	9/18/2001	11	6	55	-6.00E-03	0.012	0.043	1.1	452,000	--	--	--
300 SEEP	Thorium-232	TH-232	pCi/L	N	8/27/2001	9/18/2001	11	6	55	--	0.0055	0.030	0.50	4.32E+06	--	--	--
300 SEEP	Tritium	10028-17-8	pCi/L	N	12/31/1991	10/25/2004	46	45	98	56	56	38	12,300	2.31E+08	--	119	43
300 SEEP	Uranium-233/234	13966-29-5	pCi/L	N	12/31/1991	10/25/2004	73	73	100	--	--	0.26	111	404,000	--	0.85	55
300 SEEP	Uranium-235	15117-96-1	pCi/L	N	12/31/1991	10/25/2004	72	65	90	0.0019	0.050	0.010	6.3	419,000	--	--	--
300 SEEP	Uranium-238	U-238	pCi/L	N	12/31/1991	10/25/2004	73	73	100	--	--	0.22	99	406,000	--	--	--
300 SEEP	Zinc	7440-66-6	ug/L	Y	10/13/2003	10/25/2004	3	3	100	--	--	1.1	1.9	91	--	22	--

Table M-22. Summary of Surface Water Analytes That Do Not Exceed an Ecological Screening Level

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 SW	Antimony-125	14234-35-6	pCi/L	Y	1/10/1990	1/5/1993	28	3	11	-1.63E-02	0.0037	0.0064	0.024	6.97E+06	--	--	--
300 SW	Arsenic	7440-38-2	ug/L	N	9/20/1996	1/10/2007	35	23	66	2.6	3.4	0.55	6.3	150	--	7.9	--
300 SW	Arsenic	7440-38-2	ug/L	Y	9/9/2003	9/15/2004	13	13	100	--	--	0.56	3.0	150	--	7.9	--
300 SW	Barium-140	14798-08-4	pCi/L	N	1/5/1999	2/1/2005	122	2	1.6	-5.00E+00	506	4.0	4.5	19,500	--	--	--
300 SW	Cadmium	7440-43-9	ug/L	Y	9/9/2003	9/15/2004	13	8	62	0.023	0.023	0.0086	0.016	0.25	--	0.92	--
300 SW	Cerium/Praseodymium-144	CE/PR-144	pCi/L	Y	1/10/1990	1/5/1993	28	1	3.6	-1.35E-01	0.049	0.067	0.067	2.85E+06	--	--	--
300 SW	Cesium-134	13967-70-9	pCi/L	N	1/5/1999	1/10/2007	136	1	0.74	-1.90E+00	28	1.0	1.0	326,000	--	1.1	--
300 SW	Cesium-137	10045-97-3	pCi/L	N	1/5/1999	1/10/2007	136	5	3.7	-1.00E+00	25	0.30	1.3	599,000	--	8.6	--
300 SW	Cesium-137	10045-97-3	pCi/L	Y	1/10/1990	1/5/1993	28	11	39	-8.29E-03	0.0025	0.0018	0.0068	599,000	--	8.6	--
300 SW	Chloride	16887-00-6	ug/L	N	8/26/1994	1/10/2007	52	52	100	--	--	690	11,700	230,000	--	15,630	--
300 SW	Chromium	7440-47-3	ug/L	N	9/20/1996	1/10/2007	35	20	57	0.042	1.6	0.021	4.8	65	--	2.4	1
300 SW	Chromium	7440-47-3	ug/L	Y	9/10/2002	9/15/2004	14	11	79	0.047	0.047	0.024	2.0	65	--	2.4	--
300 SW	Cobalt-60	10198-40-0	pCi/L	N	1/5/1999	1/10/2007	136	1	0.74	-1.40E+00	26	1.0	1.0	1.19E+06	--	0.023	1
300 SW	Cobalt-60	10198-40-0	pCi/L	Y	1/10/1990	1/5/1993	28	10	36	-5.44E-03	0.0021	0.0013	0.0073	1.19E+06	--	0.023	--
300 SW	Copper	7440-50-8	ug/L	N	8/26/1994	1/10/2007	37	28	76	0.70	8.7	0.53	3.5	9.0	--	0.81	14
300 SW	Copper	7440-50-8	ug/L	Y	9/9/2003	9/15/2004	13	13	100	--	--	0.48	0.60	9.0	--	0.81	--
300 SW	Europium-154	15585-10-1	pCi/L	Y	10/2/1990	1/5/1993	19	2	11	-2.88E-02	0.0064	0.0070	0.040	2.17E+06	--	70	--
300 SW	Europium-155	14391-16-3	pCi/L	Y	10/2/1990	1/5/1993	19	1	5.3	-6.74E-03	0.0044	0.013	0.013	2.71E+07	--	5.9	--
300 SW	Hexavalent Chromium	18540-29-9	ug/L	N	1/16/2006	1/10/2007	14	2	14	2.0	3.0	3.8	4.9	10	--	--	--
300 SW	Iodine-129	15046-84-1	pCi/L	Y	4/3/1990	1/5/1993	8	8	100	--	--	5.66E-05	2.69E-04	5.70E+06	--	9.00E-07	8
300 SW	Iodine-131	10043-66-0	pCi/L	N	1/5/1999	2/1/2005	121	3	2.5	-1.50E+00	1,100	1.0	1.2	1.87E+06	--	--	--
300 SW	Iodine-131	10043-66-0	pCi/L	Y	1/10/1990	5/15/1990	9	2	22	-9.94E-03	8.12E-04	0.0094	0.0097	1.87E+06	--	--	--
300 SW	Iron	7439-89-6	ug/L	N	8/26/1994	1/10/2007	17	15	88	32	32	25	310	1,000	--	570	--
300 SW	Lead	7439-92-1	ug/L	Y	9/10/2002	9/15/2004	14	12	86	0.011	0.011	0.012	0.090	2.1	--	0.92	--
300 SW	Mercury	7439-97-6	ug/L	N	9/16/1999	1/10/2007	25	11	44	0.10	0.10	3.89E-04	0.0044	0.012	--	0.0030	1
300 SW	Nickel	7440-02-0	ug/L	N	9/20/1996	1/10/2007	35	22	63	1.3	2.2	0.20	22	52	--	1.6	3
300 SW	Nickel	7440-02-0	ug/L	Y	9/9/2003	9/15/2004	13	13	100	--	--	0.65	1.4	52	--	1.6	--
300 SW	Plutonium-238	13981-16-3	pCi/L	Y	4/3/1990	1/5/1993	12	2	17	-5.59E-06	5.67E-07	4.07E-05	1.98E-04	189,000	--	4.99E-04	--
300 SW	Potassium-40	13966-00-2	pCi/L	N	10/5/1999	1/10/2007	74	8	11	-1.20E+01	730	30	90	1.93E+06	--	203	--
300 SW	Potassium-40	13966-00-2	pCi/L	Y	10/2/1990	1/5/1993	19	18	95	8.46E-04	8.46E-04	0.33	0.84	1.93E+06	--	203	--
300 SW	Radium-226	13982-63-3	pCi/L	N	6/7/2000	1/10/2007	62	1	1.6	-3.61E-01	192	3.6	3.6	8,110	--	1.1	1
300 SW	Selenium	7782-49-2	ug/L	N	9/20/1996	1/10/2007	35	12	34	0.39	4.3	0.14	4.0	5.0	--	11	--
300 SW	Selenium	7782-49-2	ug/L	Y	9/9/2003	9/15/2004	13	8	62	0.50	0.50	0.14	1.3	5.0	--	11	--
300 SW	Silver	7440-22-4	ug/L	Y	9/9/2003	9/15/2004	13	1	7.7	0.0017	0.0085	0.0029	0.0029	2.6	--	5.3	--
300 SW	Strontium-90	10098-97-2	pCi/L	N	9/17/1993	1/10/2007	84	44	52	-9.00E-01	0.60	0.042	0.30	54,500	--	0.0010	44
300 SW	Tritium	10028-17-8	pCi/L	N	9/17/1993	1/10/2007	223	107	48	-7.10E+01	203	29	2,660	2.31E+08	--	119	41
300 SW	Uranium-233/234	13966-29-5	pCi/L	N	9/17/1993	1/10/2007	84	81	96	0.11	0.19	0.17	6.7	404,000	--	0.85	6
300 SW	Uranium-235	15117-96-1	pCi/L	N	9/17/1993	1/10/2007	105	25	24	-1.54E-02	34	0.0088	0.17	419,000	--	--	--
300 SW	Uranium-238	U-238	pCi/L	N	9/17/1993	1/10/2007	85	76	89	0.11	679	0.10	6.2	406,000	--	--	--
300 SW	Zinc	7440-66-6	ug/L	N	8/26/1994	1/10/2007	37	36	97	7.7	7.7	0.56	57	91	--	22	2

Table M-22. Summary of Surface Water Analytes That Do Not Exceed an Ecological Screening Level

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 SW	Zinc	7440-66-6	ug/L	Y	9/9/2003	9/15/2004	13	13	100	--	--	0.69	2.0	91	--	22	--
300 SW	Zinc-65	13982-39-3	pCi/L	Y	1/10/1990	1/5/1993	28	2	7.1	-9.02E-02	0.014	0.014	0.026	173,000	--	--	--
300 SW	Zirconium/Niobium-95	ZR/NB-95	pCi/L	Y	1/10/1990	1/5/1993	26	5	19	-6.04E-01	0.0033	0.0029	0.025	2.21E+06	--	--	--
300 SW	Zirconium-95	13967-71-0	pCi/L	N	1/5/1999	2/1/2005	104	5	4.8	-3.00E+00	16	0.90	1.5	2.21E+06	--	--	--

Table M-23. Summary of Groundwater Analytes That Exceed an Ecological Screening Level

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 Area Near-Shore Wells	Aluminum	7429-90-5	ug/L	Y	6/4/2010	12/6/2010	19	2	11	10	10	14	122	87	1	7.1	2
300 Area Near-Shore Wells	Cadmium	7440-43-9	ug/L	N	1/19/2006	4/5/2011	143	1	0.70	0.10	4.0	4.2	4.2	0.25	1	0.92	1
300 Area Near-Shore Wells	Copper	7440-50-8	ug/L	N	1/19/2006	4/5/2011	143	16	11	0.10	6.0	0.22	229	9.0	2	0.81	6
300 Area Near-Shore Wells	Copper	7440-50-8	ug/L	Y	1/4/2006	4/5/2011	179	9	5.0	0.20	70	0.24	12	9.0	1	0.81	2
300 Area Near-Shore Wells	Iron	7439-89-6	ug/L	N	1/19/2006	4/5/2011	143	92	64	9.0	38	13	1,260	1,000	3	570	8
300 Area Near-Shore Wells	Iron	7439-89-6	ug/L	Y	1/4/2006	4/5/2011	179	76	42	9.0	330	13	1,190	1,000	3	570	10
300 Area Near-Shore Wells	Nickel	7440-02-0	ug/L	N	1/19/2006	4/5/2011	143	36	25	0.40	13	0.72	56	52	2	1.6	32
300 Area Near-Shore Wells	Nickel	7440-02-0	ug/L	Y	1/4/2006	4/5/2011	179	32	18	0.40	50	4.0	65	52	3	1.6	32
300 Area Near-Shore Wells	Silver	7440-22-4	ug/L	N	1/19/2006	4/5/2011	143	3	2.1	0.10	7.0	15	17	2.6	3	5.3	3
300 Area Near-Shore Wells	Silver	7440-22-4	ug/L	Y	1/4/2006	4/5/2011	179	4	2.2	0.20	110	5.5	15	2.6	4	5.3	4
300 Area Near-Shore Wells	Zinc	7440-66-6	ug/L	Y	1/4/2006	4/5/2011	179	38	21	4.0	19	4.0	104	91	1	22	10

Table M-24. Summary of Aquifer Tube Analytes That Exceed an Ecological Screening Level

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 ATs	Cadmium	7440-43-9	ug/L	N	12/11/2006	3/29/2011	93	3	3.2	0.10	4.0	4.6	6.4	0.25	3	0.92	3
300 ATs	Cadmium	7440-43-9	ug/L	Y	6/10/2004	3/29/2011	98	2	2.0	0.10	4.0	0.058	4.7	0.25	1	0.92	1
300 ATs	Copper	7440-50-8	ug/L	N	8/22/2007	3/29/2011	69	5	7.3	3.9	6.0	4.2	11	9.0	1	0.81	5
300 ATs	Dieldrin	60-57-1	ug/L	N	9/23/2008	10/28/2008	7	1	14	0.0020	0.10	0.016	0.016	0.0019	1	--	--
300 ATs	Iron	7439-89-6	ug/L	N	12/11/2006	3/29/2011	86	63	73	9.0	45	21	8,970	1,000	11	570	17
300 ATs	Iron	7439-89-6	ug/L	Y	1/24/2006	3/29/2011	90	35	39	9.0	45	13	3,580	1,000	1	570	2
300 ATs	Silver	7440-22-4	ug/L	N	12/11/2006	3/29/2011	86	2	2.3	0.10	7.0	5.5	6.6	2.6	2	5.3	2
300 ATs	Silver	7440-22-4	ug/L	Y	1/24/2006	3/29/2011	90	4	4.4	0.10	7.0	5.3	8.1	2.6	4	5.3	4
300 ATs	Zinc	7440-66-6	ug/L	N	12/11/2006	3/29/2011	93	24	26	0.80	9.0	1.1	490	91	7	22	7
300 ATs	Zinc	7440-66-6	ug/L	Y	6/10/2004	3/29/2011	98	19	19	0.80	9.6	1.0	594	91	8	22	10

Table M-25. Summary of Pore Water Analytes That Exceed an Ecological Screening Level

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 PORE-WATER	Aluminum	7429-90-5	ug/L	N	1/16/2006	1/3/2007	16	11	69	18	31	30	161	87	4	7.1	11
300 PORE-WATER	Chlorine	7782-50-5	ug/L	N	1/16/2006	1/3/2007	15	6	40	20	20	10	30	11	5	--	--
300 PORE-WATER	Iron	7439-89-6	ug/L	N	1/16/2006	1/3/2007	16	13	81	32	32	26	8,270	1,000	2	570	2
300 PORE-WATER	Lead	7439-92-1	ug/L	N	1/16/2006	1/3/2007	16	2	13	1.2	3.1	1.5	3.1	2.1	1	0.92	2

Table M-26. Summary of Seep/Spring Analytes That Exceed an Ecological Screening Level

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 SEEP	Aluminum	7429-90-5	ug/L	N	8/29/1994	8/27/2001	7	7	100	--	--	31	3,100	87	5	7.1	7
300 SEEP	Cadmium	7440-43-9	ug/L	N	9/27/2000	10/25/2004	12	12	100	--	--	0.025	0.57	0.25	3	0.92	--
300 SEEP	Copper	7440-50-8	ug/L	N	8/29/1994	10/25/2004	12	12	100	--	--	0.51	15	9.0	2	0.81	7
300 SEEP	Iron	7439-89-6	ug/L	N	8/29/1994	11/21/1996	3	3	100	--	--	190	4,700	1,000	2	570	2
300 SEEP	Lead	7439-92-1	ug/L	N	9/27/2000	10/25/2004	10	10	100	--	--	0.062	16	2.1	2	0.92	3
300 SEEP	Zinc	7440-66-6	ug/L	N	8/29/1994	10/25/2004	13	13	100	--	--	1.4	106	91	2	22	3

Table M-27. Summary of Surface Water Analytes That Exceed an Ecological Screening Level

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Final Surface Water Cleanup Level	No. of Detects > Final Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 SW	Aluminum	7429-90-5	ug/L	N	8/26/1994	1/10/2007	17	14	82	18	18	20	310	87	3	7.1	14
300 SW	Cadmium	7440-43-9	ug/L	N	9/18/1995	1/10/2007	36	21	58	0.010	0.70	0.013	2.1	0.25	2	0.92	1
300 SW	Lead	7439-92-1	ug/L	N	9/20/1996	1/10/2007	35	22	63	1.6	3.1	0.0094	3.9	2.1	1	0.92	3
300 SW	Silver	7440-22-4	ug/L	N	9/20/1996	1/10/2007	35	12	34	0.0012	1.4	0.0028	6.4	2.6	1	5.3	1

Table M-28. Comparison of Contaminants of Interest to Ecological Screening Levels.

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Mean Detect	Surface Water Cleanup Level	No. of Detects > Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 Area Near-Shore Wells	Aluminum	7429-90-5	ug/L	N	1/19/2006	12/6/2010	30	5	17	5.0	18	27	65	44	87	--	7.1	5
300 Area Near-Shore Wells	Aluminum	7429-90-5	ug/L	Y	6/4/2010	12/6/2010	19	2	11	10	10	14	122	68	87	1	7.1	2
300 ATs	Aluminum	7429-90-5	ug/L	Y	6/10/2004	6/10/2004	1	1	100	--	--	2.3	2.3	2.3	87	--	7.1	--
300 PORE-WATER	Aluminum	7429-90-5	ug/L	N	1/16/2006	1/3/2007	16	11	69	18	31	30	161	72	87	4	7.1	11
300 SEEP	Aluminum	7429-90-5	ug/L	N	8/29/1994	8/27/2001	7	7	100	--	--	31	3,100	644	87	5	7.1	7
300 SW	Aluminum	7429-90-5	ug/L	N	8/26/1994	1/10/2007	17	14	82	18	18	20	310	90	87	3	7.1	14
300 Area Near-Shore Wells	Cadmium	7440-43-9	ug/L	N	1/19/2006	4/5/2011	143	1	0.70	0.10	4.0	4.2	4.2	4.2	0.25	1	0.92	1
300 Area Near-Shore Wells	Cadmium	7440-43-9	ug/L	Y	1/4/2006	4/5/2011	179	0	0	0.20	30	--	--	--	0.25	--	0.92	--
300 ATs	Cadmium	7440-43-9	ug/L	N	12/11/2006	3/29/2011	93	3	3.2	0.10	4.0	4.6	6.4	5.2	0.25	3	0.92	3
300 ATs	Cadmium	7440-43-9	ug/L	Y	6/10/2004	3/29/2011	98	2	2.0	0.10	4.0	0.058	4.7	2.4	0.25	1	0.92	1
300 PORE-WATER	Cadmium	7440-43-9	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.30	0.70	--	--	--	0.25	--	0.92	--
300 SEEP	Cadmium	7440-43-9	ug/L	N	9/27/2000	10/25/2004	12	12	100	--	--	0.025	0.57	0.16	0.25	3	0.92	--
300 SEEP	Cadmium	7440-43-9	ug/L	Y	10/13/2003	10/25/2004	3	3	100	--	--	0.016	0.028	0.021	0.25	--	0.92	--
300 SW	Cadmium	7440-43-9	ug/L	N	9/18/1995	1/10/2007	36	21	58	0.010	0.70	0.013	2.1	0.15	0.25	2	0.92	1
300 SW	Cadmium	7440-43-9	ug/L	Y	9/9/2003	9/15/2004	13	8	62	0.023	0.023	0.0086	0.016	0.011	0.25	--	0.92	--
300 PORE-WATER	Chlorine	7782-50-5	ug/L	N	1/16/2006	1/3/2007	15	6	40	20	20	10	30	22	11	5	--	--
300 Area Near-Shore Wells	Copper	7440-50-8	ug/L	N	1/19/2006	4/5/2011	143	16	11	0.10	6.0	0.22	229	16	9.0	2	0.81	6
300 Area Near-Shore Wells	Copper	7440-50-8	ug/L	Y	1/4/2006	4/5/2011	179	9	5.0	0.20	70	0.24	12	2.0	9.0	1	0.81	2
300 ATs	Copper	7440-50-8	ug/L	N	8/22/2007	3/29/2011	69	5	7.3	3.9	6.0	4.2	11	6.6	9.0	1	0.81	5
300 ATs	Copper	7440-50-8	ug/L	Y	1/24/2006	3/29/2011	78	4	5.1	2.8	6.0	4.0	6.0	5.0	9.0	--	0.81	4
300 PORE-WATER	Copper	7440-50-8	ug/L	N	1/16/2006	1/3/2007	16	8	50	0.70	1.2	1.5	8.9	3.5	9.0	--	0.81	8
300 SEEP	Copper	7440-50-8	ug/L	N	8/29/1994	10/25/2004	12	12	100	--	--	0.51	15	3.5	9.0	2	0.81	7
300 SEEP	Copper	7440-50-8	ug/L	Y	10/13/2003	10/25/2004	3	3	100	--	--	0.34	0.45	0.41	9.0	--	0.81	--
300 SW	Copper	7440-50-8	ug/L	N	8/26/1994	1/10/2007	37	28	76	0.70	8.7	0.53	3.5	1.2	9.0	--	0.81	14
300 SW	Copper	7440-50-8	ug/L	Y	9/9/2003	9/15/2004	13	13	100	--	--	0.48	0.60	0.55	9.0	--	0.81	--
300 Area Near-Shore Wells	Dieldrin	60-57-1	ug/L	N	1/19/2006	1/19/2006	2	0	0	0.050	0.050	--	--	--	0.0019	--	--	--
300 ATs	Dieldrin	60-57-1	ug/L	N	9/23/2008	10/28/2008	7	1	14	0.0020	0.10	0.016	0.016	0.016	0.0019	1	--	--
300 PORE-WATER	Dieldrin	60-57-1	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.050	0.50	--	--	--	0.0019	--	--	--
300 SW	Dieldrin	60-57-1	ug/L	N	1/16/2006	1/10/2007	14	0	0	0.050	0.052	--	--	--	0.0019	--	--	--
300 Area Near-Shore Wells	Iron	7439-89-6	ug/L	N	1/19/2006	4/5/2011	143	92	64	9.0	38	13	1,260	175	1,000	3	570	8
300 Area Near-Shore Wells	Iron	7439-89-6	ug/L	Y	1/4/2006	4/5/2011	179	76	42	9.0	330	13	1,190	174	1,000	3	570	10
300 ATs	Iron	7439-89-6	ug/L	N	12/11/2006	3/29/2011	86	63	73	9.0	45	21	8,970	651	1,000	11	570	17
300 ATs	Iron	7439-89-6	ug/L	Y	1/24/2006	3/29/2011	90	35	39	9.0	45	13	3,580	186	1,000	1	570	2
300 PORE-WATER	Iron	7439-89-6	ug/L	N	1/16/2006	1/3/2007	16	13	81	32	32	26	8,270	912	1,000	2	570	2
300 SEEP	Iron	7439-89-6	ug/L	N	8/29/1994	11/21/1996	3	3	100	--	--	190	4,700	2,030	1,000	2	570	2
300 SW	Iron	7439-89-6	ug/L	N	8/26/1994	1/10/2007	17	15	88	32	32	25	310	100	1,000	--	570	--
300 Area Near-Shore Wells	Lead	7439-92-1	ug/L	N	1/19/2006	12/6/2010	30	1	3.3	0.10	3.1	0.22	0.22	0.22	2.1	--	0.92	--
300 Area Near-Shore Wells	Lead	7439-92-1	ug/L	Y	6/4/2010	12/6/2010	19	0	0	0.20	0.20	--	--	--	2.1	--	0.92	--

Table M-28. Comparison of Contaminants of Interest to Ecological Screening Levels.

Site	Analyte	CAS#	Units	Filtered?	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Mean Detect	Surface Water Cleanup Level	No. of Detects > Surface Water Cleanup Level	Ground Water Background Level	No. of Detects > Ground Water Background Level
300 ATs	Lead	7439-92-1	ug/L	N	9/25/2008	10/28/2008	7	0	0	1.3	45	--	--	--	2.1	--	0.92	--
300 ATs	Lead	7439-92-1	ug/L	Y	6/10/2004	10/28/2008	8	1	13	1.3	45	0.013	0.013	0.013	2.1	--	0.92	--
300 PORE-WATER	Lead	7439-92-1	ug/L	N	1/16/2006	1/3/2007	16	2	13	1.2	3.1	1.5	3.1	2.3	2.1	1	0.92	2
300 SEEP	Lead	7439-92-1	ug/L	N	9/27/2000	10/25/2004	10	10	100	--	--	0.062	16	2.2	2.1	2	0.92	3
300 SEEP	Lead	7439-92-1	ug/L	Y	10/13/2003	10/25/2004	3	2	67	0.011	0.011	0.17	0.35	0.26	2.1	--	0.92	--
300 SW	Lead	7439-92-1	ug/L	N	9/20/1996	1/10/2007	35	22	63	1.6	3.1	0.0094	3.9	0.47	2.1	1	0.92	3
300 SW	Lead	7439-92-1	ug/L	Y	9/10/2002	9/15/2004	14	12	86	0.011	0.011	0.012	0.090	0.035	2.1	--	0.92	--
300 Area Near-Shore Wells	Nickel	7440-02-0	ug/L	N	1/19/2006	4/5/2011	143	36	25	0.40	13	0.72	56	19	52	2	1.6	32
300 Area Near-Shore Wells	Nickel	7440-02-0	ug/L	Y	1/4/2006	4/5/2011	179	32	18	0.40	50	4.0	65	25	52	3	1.6	32
300 ATs	Nickel	7440-02-0	ug/L	N	12/11/2006	3/29/2011	93	14	15	0.20	6.0	0.20	5.9	1.8	52	--	1.6	5
300 ATs	Nickel	7440-02-0	ug/L	Y	6/10/2004	3/29/2011	98	7	7.1	0.20	7.5	0.27	4.5	1.6	52	--	1.6	2
300 PORE-WATER	Nickel	7440-02-0	ug/L	N	1/16/2006	1/3/2007	16	0	0	1.3	2.2	--	--	--	52	--	1.6	--
300 SEEP	Nickel	7440-02-0	ug/L	N	11/21/1996	10/25/2004	13	12	92	7.4	7.4	0.38	18	3.3	52	--	1.6	5
300 SEEP	Nickel	7440-02-0	ug/L	Y	10/13/2003	10/25/2004	3	3	100	--	--	0.97	1.5	1.3	52	--	1.6	--
300 SW	Nickel	7440-02-0	ug/L	N	9/20/1996	1/10/2007	35	22	63	1.3	2.2	0.20	22	1.7	52	--	1.6	3
300 SW	Nickel	7440-02-0	ug/L	Y	9/9/2003	9/15/2004	13	13	100	--	--	0.65	1.4	0.80	52	--	1.6	--
300 Area Near-Shore Wells	Silver	7440-22-4	ug/L	N	1/19/2006	4/5/2011	143	3	2.1	0.10	7.0	15	17	16	2.6	3	5.3	3
300 Area Near-Shore Wells	Silver	7440-22-4	ug/L	Y	1/4/2006	4/5/2011	179	4	2.2	0.20	110	5.5	15	8.2	2.6	4	5.3	4
300 ATs	Silver	7440-22-4	ug/L	N	12/11/2006	3/29/2011	86	2	2.3	0.10	7.0	5.5	6.6	6.1	2.6	2	5.3	2
300 ATs	Silver	7440-22-4	ug/L	Y	1/24/2006	3/29/2011	90	4	4.4	0.10	7.0	5.3	8.1	6.6	2.6	4	5.3	4
300 PORE-WATER	Silver	7440-22-4	ug/L	N	1/16/2006	1/3/2007	16	0	0	0.50	1.4	--	--	--	2.6	--	5.3	--
300 SEEP	Silver	7440-22-4	ug/L	N	11/21/1996	10/25/2004	11	5	45	0.0012	4.5	0.0013	0.064	0.019	2.6	--	5.3	--
300 SEEP	Silver	7440-22-4	ug/L	Y	10/13/2003	10/25/2004	3	0	0	0.0017	0.0085	--	--	--	2.6	--	5.3	--
300 SW	Silver	7440-22-4	ug/L	N	9/20/1996	1/10/2007	35	12	34	0.0012	1.4	0.0028	6.4	0.72	2.6	1	5.3	1
300 SW	Silver	7440-22-4	ug/L	Y	9/9/2003	9/15/2004	13	1	7.7	0.0017	0.0085	0.0029	0.0029	0.0029	2.6	--	5.3	--
300 Area Near-Shore Wells	Zinc	7440-66-6	ug/L	N	1/19/2006	4/5/2011	143	34	24	1.6	9.0	2.7	30	9.6	91	--	22	3
300 Area Near-Shore Wells	Zinc	7440-66-6	ug/L	Y	1/4/2006	4/5/2011	179	38	21	4.0	19	4.0	104	22	91	1	22	10
300 ATs	Zinc	7440-66-6	ug/L	N	12/11/2006	3/29/2011	93	24	26	0.80	9.0	1.1	490	102	91	7	22	7
300 ATs	Zinc	7440-66-6	ug/L	Y	6/10/2004	3/29/2011	98	19	19	0.80	9.6	1.0	594	141	91	8	22	10
300 PORE-WATER	Zinc	7440-66-6	ug/L	N	1/16/2006	1/3/2007	16	15	94	0.50	0.50	1.1	13	4.9	91	--	22	--
300 SEEP	Zinc	7440-66-6	ug/L	N	8/29/1994	10/25/2004	13	13	100	--	--	1.4	106	23	91	2	22	3
300 SEEP	Zinc	7440-66-6	ug/L	Y	10/13/2003	10/25/2004	3	3	100	--	--	1.1	1.9	1.5	91	--	22	--
300 SW	Zinc	7440-66-6	ug/L	N	8/26/1994	1/10/2007	37	36	97	7.7	7.7	0.56	57	5.4	91	--	22	2
300 SW	Zinc	7440-66-6	ug/L	Y	9/9/2003	9/15/2004	13	13	100	--	--	0.69	2.0	1.1	91	--	22	--

Table M-29. Summary of Riparian Soil Analytes Without a Plant/Invertebrate Screening Levels

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Overall Lowest Plant/ Invertebrate ESL	No. of Detects > Overall Lowest Plant/ Invertebrate ESL
300-Area SOIL	1,2,4-Trichlorobenzene	120-82-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	1,2-Dichlorobenzene	95-50-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	1,3-Dichlorobenzene	541-73-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	1,4-Dichlorobenzene	106-46-7	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	2,4,5-Trichlorophenol	95-95-4	ug/kg	4/17/2006	7/23/2007	11	0	0	830	1,100	--	--	--	--
300-Area SOIL	2,4,6-Trichlorophenol	88-06-2	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	2,4-Dichlorophenol	120-83-2	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	2,4-Dimethylphenol	105-67-9	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	2,4-Dinitrophenol	51-28-5	ug/kg	4/17/2006	7/23/2007	11	0	0	830	1,100	--	--	--	--
300-Area SOIL	2,4-Dinitrotoluene	121-14-2	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	2,6-Dinitrotoluene	606-20-2	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	2-Chloronaphthalene	91-58-7	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	2-Chlorophenol	95-57-8	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	2-Methylphenol (cresol, o-)	95-48-7	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	2-Nitroaniline	88-74-4	ug/kg	4/17/2006	7/23/2007	11	0	0	830	1,100	--	--	--	--
300-Area SOIL	2-Nitrophenol	88-75-5	ug/kg	4/17/2006	7/23/2007	11	1	9.1	330	450	21	21	--	--
300-Area SOIL	3,3'-Dichlorobenzidine	91-94-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	3+4 Methylphenol (cresol, m+p)	65794-96-9	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	3-Nitroaniline	99-09-2	ug/kg	4/17/2006	7/23/2007	11	0	0	830	1,100	--	--	--	--
300-Area SOIL	4,4'-DDD (Dichlorodiphenyldichloroethane)	72-54-8	ug/kg	4/17/2006	7/23/2007	11	0	0	1.3	1.8	--	--	--	--
300-Area SOIL	4,4'-DDE (Dichlorodiphenyldichloroethylene)	72-55-9	ug/kg	4/17/2006	7/23/2007	11	7	64	1.3	1.3	1.4	4.2	--	--
300-Area SOIL	4,4'-DDT (Dichlorodiphenyltrichloroethane)	50-29-3	ug/kg	4/17/2006	7/23/2007	11	5	45	1.3	1.8	0.93	2.3	--	--
300-Area SOIL	4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	4/17/2006	7/23/2007	11	0	0	830	1,100	--	--	--	--
300-Area SOIL	4-Bromophenylphenyl ether	101-55-3	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	4-Chloro-3-methylphenol	59-50-7	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	4-Chloroaniline	106-47-8	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	4-Chlorophenylphenyl ether	7005-72-3	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	4-Nitroaniline	100-01-6	ug/kg	4/17/2006	7/23/2007	11	0	0	830	1,100	--	--	--	--
300-Area SOIL	4-Nitrophenol	100-02-7	ug/kg	4/17/2006	7/23/2007	11	0	0	830	1,100	--	--	--	--
300-Area SOIL	Aldrin	309-00-2	ug/kg	4/17/2006	7/23/2007	11	4	36	1.3	1.8	1.5	2.3	--	--
300-Area SOIL	Alpha-BHC	319-84-6	ug/kg	4/17/2006	7/23/2007	11	3	27	1.3	1.8	2.3	2.7	--	--
300-Area SOIL	Aluminum	7429-90-5	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	6.70E+06	1.15E+07	--	--
300-Area SOIL	beta-1,2,3,4,5,6-Hexachlorocyclohexane (beta-BHC)	319-85-7	ug/kg	4/17/2006	7/23/2007	11	1	9.1	1.3	1.8	1.1	1.1	--	--
300-Area SOIL	Bis(2-chloro-1-methylethyl)ether	108-60-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Bis(2-Chloroethoxy)methane	111-91-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Bis(2-chloroethyl) ether	111-44-4	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Bismuth	7440-69-9	ug/kg	4/17/2006	7/23/2007	11	0	0	590	1,600	--	--	--	--
300-Area SOIL	Bluegrass 14-day germination	BG_14D_GERM	%	1/16/2007	7/23/2007	2	2	100	--	--	64	72	--	--
300-Area SOIL	Bluegrass average root biomass [dry]	BG_AVG_ROOT_MAS	mg	1/16/2007	7/23/2007	2	2	100	--	--	0.90	2.4	--	--
300-Area SOIL	Bluegrass average root length	BG_AVG_ROOT_LEN	mm	1/16/2007	7/23/2007	2	2	100	--	--	27	29	--	--
300-Area SOIL	Bluegrass average shoot biomass [dry]	BG_AVG_SHOOT_MA	mg	1/16/2007	7/23/2007	2	2	100	--	--	2.5	6.4	--	--

Table M-29. Summary of Riparian Soil Analytes Without a Plant/Invertebrate Screening Levels

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Overall Lowest Plant/ Invertebrate ESL	No. of Detects > Overall Lowest Plant/ Invertebrate ESL
300-Area SOIL	Bluegrass average stem height	BG_AVG_STEM_HT	mm	1/16/2007	7/23/2007	2	2	100	--	--	30	64	--	--
300-Area SOIL	Butylbenzylphthalate	85-68-7	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Calcium	7440-70-2	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	3.41E+06	4.85E+06	--	--
300-Area SOIL	Calculated Total Uranium	calc_tot_U	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	1,587	5,156	--	--
300-Area SOIL	Carbazole	86-74-8	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Cesium-134	13967-70-9	pCi/g	4/17/2006	7/23/2007	11	0	0	0.072	0.23	--	--	--	--
300-Area SOIL	Chloride	16887-00-6	ug/kg	4/17/2006	7/23/2007	3	3	100	--	--	2,700	4,940	--	--
300-Area SOIL	Cumulative % retained on No. 100 screen	RET#100	%	4/17/2006	7/23/2007	3	3	100	--	--	83	84	--	--
300-Area SOIL	Cumulative % retained on No. 16 screen	RET#16	%	4/17/2006	7/23/2007	3	3	100	--	--	7.5	36	--	--
300-Area SOIL	Cumulative % retained on No. 200 screen	RET#200	%	4/17/2006	7/23/2007	3	3	100	--	--	94	97	--	--
300-Area SOIL	Cumulative % retained on No. 30 screen	RET#30	%	4/17/2006	7/23/2007	3	3	100	--	--	31	56	--	--
300-Area SOIL	Cumulative % retained on No. 50 screen	RET#50	%	4/17/2006	7/23/2007	3	3	100	--	--	55	67	--	--
300-Area SOIL	Cumulative % retained on No. 8 screen	RET#8	%	4/17/2006	7/23/2007	3	3	100	--	--	--	0.16	--	--
300-Area SOIL	Delta-BHC	319-86-8	ug/kg	4/17/2006	7/23/2007	11	3	27	1.3	1.8	0.67	2.1	--	--
300-Area SOIL	Dibenzofuran	132-64-9	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Dieldrin	60-57-1	ug/kg	4/17/2006	7/23/2007	11	0	0	1.3	1.8	--	--	--	--
300-Area SOIL	Dimethyl phthalate	131-11-3	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Di-n-butylphthalate	84-74-2	ug/kg	4/17/2006	7/23/2007	11	5	45	330	450	20	51	--	--
300-Area SOIL	Di-n-octylphthalate	117-84-0	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Endosulfan I	959-98-8	ug/kg	4/17/2006	7/23/2007	11	7	64	1.3	1.3	0.50	4.6	--	--
300-Area SOIL	Endosulfan II	33213-65-9	ug/kg	4/17/2006	7/23/2007	11	0	0	1.3	1.8	--	--	--	--
300-Area SOIL	Endosulfan sulfate	1031-07-8	ug/kg	4/17/2006	7/23/2007	11	1	9.1	1.3	1.3	51	51	--	--
300-Area SOIL	Endrin	72-20-8	ug/kg	4/17/2006	7/23/2007	11	0	0	1.3	1.8	--	--	--	--
300-Area SOIL	Endrin aldehyde	7421-93-4	ug/kg	4/17/2006	7/23/2007	11	1	9.1	1.3	1.3	45	45	--	--
300-Area SOIL	Endrin ketone	53494-70-5	ug/kg	4/17/2006	7/23/2007	11	0	0	1.3	1.8	--	--	--	--
300-Area SOIL	Fluoride	16984-48-8	ug/kg	4/17/2006	7/23/2007	3	2	67	1,120	1,120	285	1,050	--	--
300-Area SOIL	Fraction Coarse Sand	COARSE_SAND	%	4/17/2006	7/23/2007	3	3	100	--	--	18	23	--	--
300-Area SOIL	Fraction Coarse Silt/Silt/Clay [less than 0.074 mm]	COARSE_SILT_CLA	%	4/17/2006	7/23/2007	3	3	100	--	--	3.2	6.5	--	--
300-Area SOIL	Fraction Fine Sand	FINE_SAND	%	4/17/2006	7/23/2007	3	3	100	--	--	17	29	--	--
300-Area SOIL	Fraction Granules [greater than 2.38 mm]	GRANULE	%	4/17/2006	7/23/2007	3	3	100	--	--	--	0.16	--	--
300-Area SOIL	Fraction Medium Sand	MEDIUM_SAND	%	4/17/2006	7/23/2007	3	3	100	--	--	12	29	--	--
300-Area SOIL	Fraction Total Sand	TOTAL_SAND	%	4/17/2006	7/23/2007	3	3	100	--	--	93	97	--	--
300-Area SOIL	Fraction Very Coarse Sand	VERY_COARSE_SAN	%	4/17/2006	7/23/2007	3	3	100	--	--	7.4	36	--	--
300-Area SOIL	Fraction Very Fine Sand	VERY_FINE_SAND	%	4/17/2006	7/23/2007	3	3	100	--	--	9.2	13	--	--
300-Area SOIL	Gamma-BHC (Lindane)	58-89-9	ug/kg	4/17/2006	7/23/2007	11	2	18	1.3	1.8	0.90	2.6	--	--
300-Area SOIL	Heptachlor	76-44-8	ug/kg	4/17/2006	7/23/2007	11	0	0	1.3	1.8	--	--	--	--
300-Area SOIL	Heptachlor epoxide	1024-57-3	ug/kg	4/17/2006	7/23/2007	11	0	0	1.3	1.8	--	--	--	--
300-Area SOIL	Hexachlorobenzene	118-74-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Hexachlorobutadiene	87-68-3	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Hexachlorocyclopentadiene	77-47-4	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Hexachloroethane	67-72-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--

Table M-29. Summary of Riparian Soil Analytes Without a Plant/Invertebrate Screening Levels

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Overall Lowest Plant/ Invertebrate ESL	No. of Detects > Overall Lowest Plant/ Invertebrate ESL
300-Area SOIL	Hexavalent Chromium	18540-29-9	ug/kg	4/17/2006	7/23/2007	11	1	9.1	200	270	300	300	--	--
300-Area SOIL	Iron	7439-89-6	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	2.24E+07	2.66E+07	--	--
300-Area SOIL	Isophorone	78-59-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Magnesium	7439-95-4	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	3.73E+06	5.08E+06	--	--
300-Area SOIL	Methoxychlor	72-43-5	ug/kg	4/17/2006	7/23/2007	11	0	0	1.3	1.8	--	--	--	--
300-Area SOIL	Nematode lab CTL Survival	NEMA_CTL_SURV	%	4/17/2006	4/17/2006	1	1	100	--	--	97	97	--	--
300-Area SOIL	Nematode Survival	NEMA_SURV	%	4/17/2006	1/16/2007	2	2	100	--	--	90	97	--	--
300-Area SOIL	Nitrobenzene	98-95-3	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Nitrogen in ammonia	NH3-N	ug/kg	4/17/2006	7/23/2007	3	3	100	--	--	1,620	3,520	--	--
300-Area SOIL	Nitrogen in Nitrate	NO3-N	ug/kg	4/17/2006	7/23/2007	13	13	100	--	--	454	48,774	--	--
300-Area SOIL	Nitrogen in Nitrite	NO2-N	ug/kg	4/17/2006	7/23/2007	3	1	33	1,010	1,240	1,110	1,110	--	--
300-Area SOIL	Nitrogen in Nitrite and Nitrate	NO2+NO3-N	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	960	52,600	--	--
300-Area SOIL	Nitrogen, Kjeldahl total	N-KJELDAHL	ug/kg	4/17/2006	7/23/2007	3	3	100	--	--	631,000	858,000	--	--
300-Area SOIL	n-Nitrosodi-n-dipropylamine	621-64-7	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	n-Nitrosodiphenylamine	86-30-6	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Pentachlorophenol	87-86-5	ug/kg	4/17/2006	7/23/2007	11	0	0	830	1,100	--	--	--	--
300-Area SOIL	Percent moisture (wet sample)	%MOISTURE	%	4/17/2006	7/23/2007	3	3	100	--	--	0.95	23	--	--
300-Area SOIL	pH Measurement	PH	unitless	4/17/2006	7/23/2007	3	3	100	--	--	7.0	7.4	--	--
300-Area SOIL	Phosphorus	7723-14-0	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	704,000	959,000	--	--
300-Area SOIL	Potassium	7440-09-7	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	620,000	1.56E+06	--	--
300-Area SOIL	Potassium-40	13966-00-2	pCi/g	4/17/2006	7/23/2007	11	11	100	--	--	10	13	--	--
300-Area SOIL	Silicon	7440-21-3	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	196,000	661,000	--	--
300-Area SOIL	Sodium	7440-23-5	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	118,000	174,000	--	--
300-Area SOIL	Strontium	7440-24-6	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	20,300	33,600	--	--
300-Area SOIL	Sulfate	14808-79-8	ug/kg	4/17/2006	7/23/2007	3	3	100	--	--	7,740	28,400	--	--
300-Area SOIL	Thorium-228	14274-82-9	pCi/g	4/17/2006	7/23/2007	11	10	91	0.47	0.47	0.48	1.2	--	--
300-Area SOIL	Thorium-230	14269-63-7	pCi/g	4/17/2006	7/23/2007	11	5	45	-6.00E-02	0.35	0.33	0.75	--	--
300-Area SOIL	Total average root shoot mass [dry]	TOT_AVE_ROOT_SH	mg	1/16/2007	7/23/2007	2	2	100	--	--	3.4	8.8	--	--
300-Area SOIL	Total organic carbon	TOC	ug/kg	4/17/2006	7/23/2007	3	3	100	--	--	6.56E+06	1.40E+07	--	--
300-Area SOIL	Toxaphene	8001-35-2	ug/kg	4/17/2006	7/23/2007	11	0	0	13	18	--	--	--	--
300-Area SOIL	Uranium-233/234	13966-29-5	pCi/g	4/17/2006	7/23/2007	11	11	100	--	--	0.67	1.7	--	--

Table M-30. Summary of Riparian Soil Analytes Without a Wildlife Screening Value

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Overall Lowest Avian/ Mammal ESL	No. of Detects > Overall Lowest Avian/ Mammal ESL
300-Area SOIL	1,2,4-Trichlorobenzene	120-82-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	1,4-Dichlorobenzene	106-46-7	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	2,4,5-Trichlorophenol	95-95-4	ug/kg	4/17/2006	7/23/2007	11	0	0	830	1,100	--	--	--	--
300-Area SOIL	2,4,6-Trichlorophenol	88-06-2	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	2,4-Dichlorophenol	120-83-2	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	2,4-Dimethylphenol	105-67-9	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	2,4-Dinitrophenol	51-28-5	ug/kg	4/17/2006	7/23/2007	11	0	0	830	1,100	--	--	--	--
300-Area SOIL	2,6-Dinitrotoluene	606-20-2	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	2-Chloronaphthalene	91-58-7	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	2-Chlorophenol	95-57-8	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	2-Nitroaniline	88-74-4	ug/kg	4/17/2006	7/23/2007	11	0	0	830	1,100	--	--	--	--
300-Area SOIL	2-Nitrophenol	88-75-5	ug/kg	4/17/2006	7/23/2007	11	1	9.1	330	450	21	21	--	--
300-Area SOIL	3,3'-Dichlorobenzidine	91-94-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	3+4 Methylphenol (cresol, m+p)	65794-96-9	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	3-Nitroaniline	99-09-2	ug/kg	4/17/2006	7/23/2007	11	0	0	830	1,100	--	--	--	--
300-Area SOIL	4,4'-DDD (Dichlorodiphenyldichloroethane)	72-54-8	ug/kg	4/17/2006	7/23/2007	11	0	0	1.3	1.8	--	--	--	--
300-Area SOIL	4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	4/17/2006	7/23/2007	11	0	0	830	1,100	--	--	--	--
300-Area SOIL	4-Bromophenylphenyl ether	101-55-3	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	4-Chloro-3-methylphenol	59-50-7	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	4-Chloroaniline	106-47-8	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	4-Chlorophenylphenyl ether	7005-72-3	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	4-Nitroaniline	100-01-6	ug/kg	4/17/2006	7/23/2007	11	0	0	830	1,100	--	--	--	--
300-Area SOIL	4-Nitrophenol	100-02-7	ug/kg	4/17/2006	7/23/2007	11	0	0	830	1,100	--	--	--	--
300-Area SOIL	Alpha-BHC	319-84-6	ug/kg	4/17/2006	7/23/2007	11	3	27	1.3	1.8	2.3	2.7	--	--
300-Area SOIL	Aluminum	7429-90-5	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	6.70E+06	1.15E+07	--	--
300-Area SOIL	Bis(2-chloro-1-methylethyl)ether	108-60-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Bis(2-Chloroethoxy)methane	111-91-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Bis(2-chloroethyl) ether	111-44-4	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Bismuth	7440-69-9	ug/kg	4/17/2006	7/23/2007	11	0	0	590	1,600	--	--	--	--
300-Area SOIL	Bluegrass 14-day germination	BG_14D_GERM	%	1/16/2007	7/23/2007	2	2	100	--	--	64	72	--	--
300-Area SOIL	Bluegrass average root biomass [dry]	BG_AVG_ROOT_MAS	mg	1/16/2007	7/23/2007	2	2	100	--	--	0.90	2.4	--	--
300-Area SOIL	Bluegrass average root length	BG_AVG_ROOT_LEN	mm	1/16/2007	7/23/2007	2	2	100	--	--	27	29	--	--
300-Area SOIL	Bluegrass average shoot biomass [dry]	BG_AVG_SHOOT_MA	mg	1/16/2007	7/23/2007	2	2	100	--	--	2.5	6.4	--	--
300-Area SOIL	Bluegrass average stem height	BG_AVG_STEM_HT	mm	1/16/2007	7/23/2007	2	2	100	--	--	30	64	--	--
300-Area SOIL	Butylbenzylphthalate	85-68-7	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Calcium	7440-70-2	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	3.41E+06	4.85E+06	--	--
300-Area SOIL	Calculated Total Uranium	calc_tot_U	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	1,587	5,156	--	--
300-Area SOIL	Carbazole	86-74-8	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Cesium-134	13967-70-9	pCi/g	4/17/2006	7/23/2007	11	0	0	0.072	0.23	--	--	--	--
300-Area SOIL	Chloride	16887-00-6	ug/kg	4/17/2006	7/23/2007	3	3	100	--	--	2,700	4,940	--	--
300-Area SOIL	Cumulative % retained on No. 100 screen	RET#100	%	4/17/2006	7/23/2007	3	3	100	--	--	83	84	--	--

Table M-30. Summary of Riparian Soil Analytes Without a Wildlife Screening Value

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Overall Lowest Avian/ Mammal ESL	No. of Detects > Overall Lowest Avian/ Mammal ESL
300-Area SOIL	Cumulative % retained on No. 16 screen	RET#16	%	4/17/2006	7/23/2007	3	3	100	--	--	7.5	36	--	--
300-Area SOIL	Cumulative % retained on No. 200 screen	RET#200	%	4/17/2006	7/23/2007	3	3	100	--	--	94	97	--	--
300-Area SOIL	Cumulative % retained on No. 30 screen	RET#30	%	4/17/2006	7/23/2007	3	3	100	--	--	31	56	--	--
300-Area SOIL	Cumulative % retained on No. 50 screen	RET#50	%	4/17/2006	7/23/2007	3	3	100	--	--	55	67	--	--
300-Area SOIL	Cumulative % retained on No. 8 screen	RET#8	%	4/17/2006	7/23/2007	3	3	100	--	--	--	0.16	--	--
300-Area SOIL	Delta-BHC	319-86-8	ug/kg	4/17/2006	7/23/2007	11	3	27	1.3	1.8	0.67	2.1	--	--
300-Area SOIL	Dibenzofuran	132-64-9	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Diethylphthalate	84-66-2	ug/kg	4/17/2006	7/23/2007	11	4	36	330	450	27	47	--	--
300-Area SOIL	Dimethyl phthalate	131-11-3	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Di-n-butylphthalate	84-74-2	ug/kg	4/17/2006	7/23/2007	11	5	45	330	450	20	51	--	--
300-Area SOIL	Di-n-octylphthalate	117-84-0	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Endrin	72-20-8	ug/kg	4/17/2006	7/23/2007	11	0	0	1.3	1.8	--	--	--	--
300-Area SOIL	Endrin ketone	53494-70-5	ug/kg	4/17/2006	7/23/2007	11	0	0	1.3	1.8	--	--	--	--
300-Area SOIL	Fraction Coarse Sand	COARSE_SAND	%	4/17/2006	7/23/2007	3	3	100	--	--	18	23	--	--
300-Area SOIL	Fraction Coarse Silt/Silt/Clay [less than 0.074 mm]	COARSE_SILT_CLA	%	4/17/2006	7/23/2007	3	3	100	--	--	3.2	6.5	--	--
300-Area SOIL	Fraction Fine Sand	FINE_SAND	%	4/17/2006	7/23/2007	3	3	100	--	--	17	29	--	--
300-Area SOIL	Fraction Granules [greater than 2.38 mm]	GRANULE	%	4/17/2006	7/23/2007	3	3	100	--	--	--	0.16	--	--
300-Area SOIL	Fraction Medium Sand	MEDIUM_SAND	%	4/17/2006	7/23/2007	3	3	100	--	--	12	29	--	--
300-Area SOIL	Fraction Total Sand	TOTAL_SAND	%	4/17/2006	7/23/2007	3	3	100	--	--	93	97	--	--
300-Area SOIL	Fraction Very Coarse Sand	VERY_COARSE_SAN	%	4/17/2006	7/23/2007	3	3	100	--	--	7.4	36	--	--
300-Area SOIL	Fraction Very Fine Sand	VERY_FINE_SAND	%	4/17/2006	7/23/2007	3	3	100	--	--	9.2	13	--	--
300-Area SOIL	Gamma-BHC (Lindane)	58-89-9	ug/kg	4/17/2006	7/23/2007	11	2	18	1.3	1.8	0.90	2.6	--	--
300-Area SOIL	Heptachlor	76-44-8	ug/kg	4/17/2006	7/23/2007	11	0	0	1.3	1.8	--	--	--	--
300-Area SOIL	Heptachlor epoxide	1024-57-3	ug/kg	4/17/2006	7/23/2007	11	0	0	1.3	1.8	--	--	--	--
300-Area SOIL	Hexachlorobenzene	118-74-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Hexachlorobutadiene	87-68-3	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Hexachlorocyclopentadiene	77-47-4	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Hexachloroethane	67-72-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Iron	7439-89-6	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	2.24E+07	2.66E+07	--	--
300-Area SOIL	Isophorone	78-59-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Magnesium	7439-95-4	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	3.73E+06	5.08E+06	--	--
300-Area SOIL	Nematode lab CTL Survival	NEMA_CTL_SURV	%	4/17/2006	4/17/2006	1	1	100	--	--	97	97	--	--
300-Area SOIL	Nematode Survival	NEMA_SURV	%	4/17/2006	1/16/2007	2	2	100	--	--	90	97	--	--
300-Area SOIL	Nitrobenzene	98-95-3	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	Nitrogen in ammonia	NH3-N	ug/kg	4/17/2006	7/23/2007	3	3	100	--	--	1,620	3,520	--	--
300-Area SOIL	Nitrogen in Nitrate	NO3-N	ug/kg	4/17/2006	7/23/2007	13	13	100	--	--	454	48,774	--	--
300-Area SOIL	Nitrogen in Nitrite	NO2-N	ug/kg	4/17/2006	7/23/2007	3	1	33	1,010	1,240	1,110	1,110	--	--
300-Area SOIL	Nitrogen in Nitrite and Nitrate	NO2+NO3-N	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	960	52,600	--	--
300-Area SOIL	Nitrogen, Kjeldahl total	N-KJELDAHL	ug/kg	4/17/2006	7/23/2007	3	3	100	--	--	631,000	858,000	--	--
300-Area SOIL	n-Nitrosodi-n-dipropylamine	621-64-7	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--
300-Area SOIL	n-Nitrosodiphenylamine	86-30-6	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	--	--

Table M-30. Summary of Riparian Soil Analytes Without a Wildlife Screening Value

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Overall Lowest Avian/ Mammal ESL	No. of Detects > Overall Lowest Avian/ Mammal ESL
300-Area SOIL	Pentachlorophenol	87-86-5	ug/kg	4/17/2006	7/23/2007	11	0	0	830	1,100	--	--	--	--
300-Area SOIL	Percent moisture (wet sample)	%MOISTURE	%	4/17/2006	7/23/2007	3	3	100	--	--	0.95	23	--	--
300-Area SOIL	pH Measurement	PH	unitless	4/17/2006	7/23/2007	3	3	100	--	--	7.0	7.4	--	--
300-Area SOIL	Phosphorus	7723-14-0	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	704,000	959,000	--	--
300-Area SOIL	Potassium	7440-09-7	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	620,000	1.56E+06	--	--
300-Area SOIL	Potassium-40	13966-00-2	pCi/g	4/17/2006	7/23/2007	11	11	100	--	--	10	13	--	--
300-Area SOIL	Silicon	7440-21-3	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	196,000	661,000	--	--
300-Area SOIL	Sodium	7440-23-5	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	118,000	174,000	--	--
300-Area SOIL	Sulfate	14808-79-8	ug/kg	4/17/2006	7/23/2007	3	3	100	--	--	7,740	28,400	--	--
300-Area SOIL	Thorium-228	14274-82-9	pCi/g	4/17/2006	7/23/2007	11	10	91	0.47	0.47	0.48	1.2	--	--
300-Area SOIL	Thorium-230	14269-63-7	pCi/g	4/17/2006	7/23/2007	11	5	45	-6.00E-02	0.35	0.33	0.75	--	--
300-Area SOIL	Total average root shoot mass [dry]	TOT_AVE_ROOT_SH	mg	1/16/2007	7/23/2007	2	2	100	--	--	3.4	8.8	--	--
300-Area SOIL	Total organic carbon	TOC	ug/kg	4/17/2006	7/23/2007	3	3	100	--	--	6.56E+06	1.40E+07	--	--
300-Area SOIL	Toxaphene	8001-35-2	ug/kg	4/17/2006	7/23/2007	11	0	0	13	18	--	--	--	--
300-Area SOIL	Uranium-233/234	13966-29-5	pCi/g	4/17/2006	7/23/2007	11	11	100	--	--	0.67	1.7	--	--

Table M-31. Summary of Riparian Soil Analytes That Were Not Detected

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Overall Lowest Plant/ Invertebrate ESL	No. of Detects > Overall Lowest Plant/ Invertebrate ESL
300-Area SOIL	2-Methylnaphthalene	91-57-6	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	29,000	--
300-Area SOIL	Acenaphthene	83-32-9	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	20,000	--
300-Area SOIL	Acenaphthylene	208-96-8	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	29,000	--
300-Area SOIL	Americium-241	14596-10-2	pCi/g	4/17/2006	7/23/2007	11	0	0	0.056	0.38	--	--	21,500	--
300-Area SOIL	Anthracene	120-12-7	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	29,000	--
300-Area SOIL	Antimony	7440-36-0	ug/kg	4/17/2006	7/23/2007	11	0	0	370	880	--	--	5,000	--
300-Area SOIL	Aroclor-1016	12674-11-2	ug/kg	4/17/2006	7/23/2007	11	0	0	13	18	--	--	40,000	--
300-Area SOIL	Aroclor-1221	11104-28-2	ug/kg	4/17/2006	7/23/2007	11	0	0	13	18	--	--	40,000	--
300-Area SOIL	Aroclor-1232	11141-16-5	ug/kg	4/17/2006	7/23/2007	11	0	0	13	18	--	--	40,000	--
300-Area SOIL	Aroclor-1242	53469-21-9	ug/kg	4/17/2006	7/23/2007	11	0	0	13	18	--	--	40,000	--
300-Area SOIL	Aroclor-1248	12672-29-6	ug/kg	4/17/2006	7/23/2007	11	0	0	13	18	--	--	40,000	--
300-Area SOIL	Aroclor-1254	11097-69-1	ug/kg	4/17/2006	7/23/2007	11	0	0	13	18	--	--	40,000	--
300-Area SOIL	Benzo(a)anthracene	56-55-3	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	18,000	--
300-Area SOIL	Benzo(a)pyrene	50-32-8	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	18,000	--
300-Area SOIL	Benzo(b)fluoranthene	205-99-2	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	18,000	--
300-Area SOIL	Benzo(ghi)perylene	191-24-2	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	18,000	--
300-Area SOIL	Benzo(k)fluoranthene	207-08-9	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	18,000	--
300-Area SOIL	Chrysene	218-01-9	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	18,000	--
300-Area SOIL	Cobalt-60	10198-40-0	pCi/g	4/17/2006	7/23/2007	11	0	0	0.059	0.20	--	--	6,130	--
300-Area SOIL	Dibenz[a,h]anthracene	53-70-3	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	18,000	--
300-Area SOIL	Europium-154	15585-10-1	pCi/g	4/17/2006	7/23/2007	11	0	0	0.18	0.56	--	--	12,500	--
300-Area SOIL	Europium-155	14391-16-3	pCi/g	4/17/2006	7/23/2007	11	0	0	0.10	0.29	--	--	153,000	--
300-Area SOIL	Fluoranthene	206-44-0	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	18,000	--
300-Area SOIL	Fluorene	86-73-7	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	29,000	--
300-Area SOIL	Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	18,000	--
300-Area SOIL	Naphthalene	91-20-3	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	29,000	--
300-Area SOIL	Phenanthrene	85-01-8	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	29,000	--
300-Area SOIL	Pyrene	129-00-0	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	18,000	--
300-Area SOIL	Selenium	7782-49-2	ug/kg	4/17/2006	7/23/2007	11	0	0	640	1,700	--	--	520	--
300-Area SOIL	Strontium-90	10098-97-2	pCi/g	4/17/2006	7/23/2007	11	0	0	-1.14E-01	0.088	--	--	3,580	--
300-Area SOIL	Thallium	7440-28-0	ug/kg	4/17/2006	7/23/2007	11	0	0	830	3,200	--	--	1,000	--

Table M-32. Summary of Riparian Soil Analytes That Were Not Detected

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Overall Lowest Avian/Mammal ESL	No. of Detects > Overall Lowest Avian/Mammal ESL
300-Area SOIL	1,2-Dichlorobenzene	95-50-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	164,000	--
300-Area SOIL	1,3-Dichlorobenzene	541-73-1	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	164,000	--
300-Area SOIL	2,4-Dinitrotoluene	121-14-2	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	26,400	--
300-Area SOIL	2-Methylnaphthalene	91-57-6	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	6,010	--
300-Area SOIL	2-Methylphenol (cresol, o-)	95-48-7	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	9.29E+06	--
300-Area SOIL	Acenaphthene	83-32-9	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	1.10E+06	--
300-Area SOIL	Acenaphthylene	208-96-8	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	73,600	--
300-Area SOIL	Americium-241	14596-10-2	pCi/g	4/17/2006	7/23/2007	11	0	0	0.056	0.38	--	--	4,840	--
300-Area SOIL	Anthracene	120-12-7	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	678,000	--
300-Area SOIL	Antimony	7440-36-0	ug/kg	4/17/2006	7/23/2007	11	0	0	370	880	--	--	5,980	--
300-Area SOIL	Aroclor-1016	12674-11-2	ug/kg	4/17/2006	7/23/2007	11	0	0	13	18	--	--	1,820	--
300-Area SOIL	Aroclor-1221	11104-28-2	ug/kg	4/17/2006	7/23/2007	11	0	0	13	18	--	--	1,470	--
300-Area SOIL	Aroclor-1232	11141-16-5	ug/kg	4/17/2006	7/23/2007	11	0	0	13	18	--	--	1,440	--
300-Area SOIL	Aroclor-1242	53469-21-9	ug/kg	4/17/2006	7/23/2007	11	0	0	13	18	--	--	1,490	--
300-Area SOIL	Aroclor-1248	12672-29-6	ug/kg	4/17/2006	7/23/2007	11	0	0	13	18	--	--	325	--
300-Area SOIL	Aroclor-1254	11097-69-1	ug/kg	4/17/2006	7/23/2007	11	0	0	13	18	--	--	1,470	--
300-Area SOIL	Benzo(a)anthracene	56-55-3	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	64,000	--
300-Area SOIL	Benzo(a)pyrene	50-32-8	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	76,400	--
300-Area SOIL	Benzo(b)fluoranthene	205-99-2	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	39,200	--
300-Area SOIL	Benzo(ghi)perylene	191-24-2	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	32,400	--
300-Area SOIL	Benzo(k)fluoranthene	207-08-9	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	39,200	--
300-Area SOIL	Chrysene	218-01-9	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	44,500	--
300-Area SOIL	Cobalt-60	10198-40-0	pCi/g	4/17/2006	7/23/2007	11	0	0	0.059	0.20	--	--	805	--
300-Area SOIL	Dibenz[a,h]anthracene	53-70-3	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	44,100	--
300-Area SOIL	Dieldrin	60-57-1	ug/kg	4/17/2006	7/23/2007	11	0	0	1.3	1.8	--	--	21	--
300-Area SOIL	Endosulfan II	33213-65-9	ug/kg	4/17/2006	7/23/2007	11	0	0	1.3	1.8	--	--	710	--
300-Area SOIL	Europium-154	15585-10-1	pCi/g	4/17/2006	7/23/2007	11	0	0	0.18	0.56	--	--	1,610	--
300-Area SOIL	Europium-155	14391-16-3	pCi/g	4/17/2006	7/23/2007	11	0	0	0.10	0.29	--	--	33,400	--
300-Area SOIL	Fluoranthene	206-44-0	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	839,000	--
300-Area SOIL	Fluorene	86-73-7	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	175,000	--
300-Area SOIL	Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	35,700	--
300-Area SOIL	Methoxychlor	72-43-5	ug/kg	4/17/2006	7/23/2007	11	0	0	1.3	1.8	--	--	21,800	--
300-Area SOIL	Naphthalene	91-20-3	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	100,000	--
300-Area SOIL	Phenanthrene	85-01-8	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	943,000	--
300-Area SOIL	Pyrene	129-00-0	ug/kg	4/17/2006	7/23/2007	11	0	0	330	450	--	--	600,000	--
300-Area SOIL	Selenium	7782-49-2	ug/kg	4/17/2006	7/23/2007	11	0	0	640	1,700	--	--	1,900	--
300-Area SOIL	Strontium-90	10098-97-2	pCi/g	4/17/2006	7/23/2007	11	0	0	-1.14E-01	0.088	--	--	91	--
300-Area SOIL	Thallium	7440-28-0	ug/kg	4/17/2006	7/23/2007	11	0	0	830	3,200	--	--	9,210	--

Table M-33. Summary of Riparin Soil Analytes That Do Not Exceed the Lowest Generic Plant/Invertebrate Soil Screening Level

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Overall Lowest Plant/Invertebrate ESL	No. of Detects > Overall Lowest Plant/Invertebrate ESL
300-Area SOIL	Alpha-Chlordane	5103-71-9	ug/kg	4/17/2006	7/23/2007	11	1	9.1	1.3	1.8	0.40	0.40	1,000	--
300-Area SOIL	Aroclor-1260	11096-82-5	ug/kg	4/17/2006	7/23/2007	11	3	27	13	18	4.4	9.5	40,000	--
300-Area SOIL	Arsenic	7440-38-2	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	3,600	10,000	10,000	--
300-Area SOIL	Barium	7440-39-3	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	68,200	160,000	330,000	--
300-Area SOIL	Beryllium	7440-41-7	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	10	400	10,000	--
300-Area SOIL	Bis(2-ethylhexyl) phthalate	117-81-7	ug/kg	4/17/2006	7/23/2007	11	10	91	330	330	26	96	100,000	--
300-Area SOIL	Cadmium	7440-43-9	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	590	1,300	4,000	--
300-Area SOIL	Cesium-137	10045-97-3	pCi/g	4/17/2006	7/23/2007	11	5	45	0.14	0.28	0.30	0.45	2,210	--
300-Area SOIL	Cobalt	7440-48-4	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	5,900	8,800	13,000	--
300-Area SOIL	Copper	7440-50-8	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	20,400	31,200	50,000	--
300-Area SOIL	Diethylphthalate	84-66-2	ug/kg	4/17/2006	7/23/2007	11	4	36	330	450	27	47	100,000	--
300-Area SOIL	Europium-152	14683-23-9	pCi/g	4/17/2006	7/23/2007	11	2	18	0.14	0.41	0.26	0.29	14,700	--
300-Area SOIL	gamma-Chlordane	5566-34-7	ug/kg	4/17/2006	7/23/2007	11	1	9.1	1.3	1.8	1.6	1.6	1,000	--
300-Area SOIL	Lead	7439-92-1	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	15,200	31,100	50,000	--
300-Area SOIL	Molybdenum	7439-98-7	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	480	660	2,000	--
300-Area SOIL	Nickel	7440-02-0	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	13,100	20,500	30,000	--
300-Area SOIL	Phenol	108-95-2	ug/kg	4/17/2006	7/23/2007	11	5	45	330	450	40	160	30,000	--
300-Area SOIL	Radium-226	13982-63-3	pCi/g	4/17/2006	7/23/2007	11	11	100	--	--	0.64	1.0	288	--
300-Area SOIL	Radium-228	15262-20-1	pCi/g	4/17/2006	7/23/2007	11	10	91	0.97	0.97	0.51	1.8	245	--
300-Area SOIL	Silver	7440-22-4	ug/kg	4/17/2006	7/23/2007	11	1	9.1	70	360	160	160	2,000	--
300-Area SOIL	Thorium-232	TH-232	pCi/g	4/17/2006	7/23/2007	11	10	91	0.24	0.24	0.59	1.5	23,500	--
300-Area SOIL	Tin	7440-31-5	ug/kg	4/17/2006	7/23/2007	11	6	55	1,600	1,600	540	2,700	50,000	--
300-Area SOIL	Uranium-235	15117-96-1	pCi/g	4/17/2006	7/23/2007	11	1	9.1	--	0.27	0.041	0.041	27,400	--
300-Area SOIL	Uranium-238	U-238	pCi/g	4/17/2006	7/23/2007	11	11	100	--	--	0.53	1.7	15,700	--

Table M-34. Summary of Riparin Soil Analytes That Do Not Exceed the Lowest Generic Wildlife Soil Screening Level

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Overall Lowest Avian/Mammal ESL	No. of Detects > Overall Lowest Avian/ Mammal ESL
300-Area SOIL	4,4'-DDE (Dichlorodiphenyldichloroethylene)	72-55-9	ug/kg	4/17/2006	7/23/2007	11	7	64	1.3	1.3	1.4	4.2	400	--
300-Area SOIL	4,4'-DDT (Dichlorodiphenyltrichloroethane)	50-29-3	ug/kg	4/17/2006	7/23/2007	11	5	45	1.3	1.8	0.93	2.3	882	--
300-Area SOIL	Aldrin	309-00-2	ug/kg	4/17/2006	7/23/2007	11	4	36	1.3	1.8	1.5	2.3	165	--
300-Area SOIL	Alpha-Chlordane	5103-71-9	ug/kg	4/17/2006	7/23/2007	11	1	9.1	1.3	1.8	0.40	0.40	50,400	--
300-Area SOIL	Aroclor-1260	11096-82-5	ug/kg	4/17/2006	7/23/2007	11	3	27	13	18	4.4	9.5	1,470	--
300-Area SOIL	Arsenic	7440-38-2	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	3,600	10,000	190,000	--
300-Area SOIL	Barium	7440-39-3	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	68,200	160,000	1.32E+06	--
300-Area SOIL	Beryllium	7440-41-7	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	10	400	13,900	--
300-Area SOIL	beta-1,2,3,4,5,6-Hexachlorocyclohexane (beta-BHC)	319-85-7	ug/kg	4/17/2006	7/23/2007	11	1	9.1	1.3	1.8	1.1	1.1	4,080	--
300-Area SOIL	Bis(2-ethylhexyl) phthalate	117-81-7	ug/kg	4/17/2006	7/23/2007	11	10	91	330	330	26	96	45,400	--
300-Area SOIL	Boron	7440-42-8	ug/kg	4/17/2006	7/23/2007	11	9	82	280	1,400	460	3,100	133,000	--
300-Area SOIL	Cadmium	7440-43-9	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	590	1,300	1,630	--
300-Area SOIL	Cesium-137	10045-97-3	pCi/g	4/17/2006	7/23/2007	11	5	45	0.14	0.28	0.30	0.45	924	--
300-Area SOIL	Chromium	7440-47-3	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	16,900	22,600	38,200	--
300-Area SOIL	Cobalt	7440-48-4	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	5,900	8,800	111,000	--
300-Area SOIL	Copper	7440-50-8	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	20,400	31,200	107,000	--
300-Area SOIL	Endosulfan I	959-98-8	ug/kg	4/17/2006	7/23/2007	11	7	64	1.3	1.3	0.50	4.6	710	--
300-Area SOIL	Endosulfan sulfate	1031-07-8	ug/kg	4/17/2006	7/23/2007	11	1	9.1	1.3	1.3	51	51	560	--
300-Area SOIL	Endrin aldehyde	7421-93-4	ug/kg	4/17/2006	7/23/2007	11	1	9.1	1.3	1.3	45	45	1,360	--
300-Area SOIL	Europium-152	14683-23-9	pCi/g	4/17/2006	7/23/2007	11	2	18	0.14	0.41	0.26	0.29	1,740	--
300-Area SOIL	Fluoride	16984-48-8	ug/kg	4/17/2006	7/23/2007	3	2	67	1,120	1,120	285	1,050	2.28E+06	--
300-Area SOIL	gamma-Chlordane	5566-34-7	ug/kg	4/17/2006	7/23/2007	11	1	9.1	1.3	1.8	1.6	1.6	50,200	--
300-Area SOIL	Hexavalent Chromium	18540-29-9	ug/kg	4/17/2006	7/23/2007	11	1	9.1	200	270	300	300	1.25E+06	--
300-Area SOIL	Lead	7439-92-1	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	15,200	31,100	35,600	--
300-Area SOIL	Lithium	7439-93-2	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	7,400	14,100	515,000	--
300-Area SOIL	Manganese	7439-96-5	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	190,000	418,000	5.80E+06	--
300-Area SOIL	Mercury	7439-97-6	ug/kg	4/17/2006	7/23/2007	11	10	91	25	25	26	133	1,870	--
300-Area SOIL	Molybdenum	7439-98-7	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	480	660	14,000	--
300-Area SOIL	Nickel	7440-02-0	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	13,100	20,500	32,600	--
300-Area SOIL	Phenol	108-95-2	ug/kg	4/17/2006	7/23/2007	11	5	45	330	450	40	160	1.51E+06	--
300-Area SOIL	Radium-226	13982-63-3	pCi/g	4/17/2006	7/23/2007	11	11	100	--	--	0.64	1.0	58	--
300-Area SOIL	Radium-228	15262-20-1	pCi/g	4/17/2006	7/23/2007	11	10	91	0.97	0.97	0.51	1.8	55	--
300-Area SOIL	Silver	7440-22-4	ug/kg	4/17/2006	7/23/2007	11	1	9.1	70	360	160	160	49,600	--
300-Area SOIL	Strontium	7440-24-6	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	20,300	33,600	4.23E+06	--
300-Area SOIL	Thorium-232	TH-232	pCi/g	4/17/2006	7/23/2007	11	10	91	0.24	0.24	0.59	1.5	4,560	--
300-Area SOIL	Tin	7440-31-5	ug/kg	4/17/2006	7/23/2007	11	6	55	1,600	1,600	540	2,700	204,000	--
300-Area SOIL	Uranium	7440-61-1	ug/kg	4/17/2006	7/23/2007	11	10	91	5,800	5,800	2,700	7,200	786,000	--
300-Area SOIL	Uranium-235	15117-96-1	pCi/g	4/17/2006	7/23/2007	11	1	9.1	--	0.27	0.041	0.041	4,360	--
300-Area SOIL	Uranium-238	U-238	pCi/g	4/17/2006	7/23/2007	11	11	100	--	--	0.53	1.7	5,150	--

Table M-35. Summary of Riparian Soil Analytes that Exceed the Lowest Generic Plant/Invertebrate Soil Screening Levels

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Overall Lowest Plant/Invertebrate ESL	No. of Detects > Overall Lowest Plant/Invertebrate ESL
300-Area SOIL	Boron	7440-42-8	ug/kg	4/17/2006	7/23/2007	11	9	82	280	1,400	460	3,100	500	7
300-Area SOIL	Chromium	7440-47-3	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	16,900	22,600	400	11
300-Area SOIL	Lithium	7439-93-2	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	7,400	14,100	2,000	11
300-Area SOIL	Manganese	7439-96-5	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	190,000	418,000	220,000	6
300-Area SOIL	Mercury	7439-97-6	ug/kg	4/17/2006	7/23/2007	11	10	91	25	25	26	133	100	1
300-Area SOIL	Uranium	7440-61-1	ug/kg	4/17/2006	7/23/2007	11	10	91	5,800	5,800	2,700	7,200	5,000	3
300-Area SOIL	Vanadium	7440-62-2	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	49,200	73,000	2,000	11
300-Area SOIL	Zinc	7440-66-6	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	106,000	207,000	50,000	11

Table M-36. Comparison of Riparian Soil Analytes to Plant/Invertebrate PRGs

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Plant/Invertebrate PRG	No. of Detects > Plant/Invertebrate PRG
300-Area SOIL	Boron	7440-42-8	ug/kg	4/17/2006	7/23/2007	11	9	82	280	1,400	460	3,100	29,600	--
300-Area SOIL	Chromium	7440-47-3	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	16,900	22,600	149,000	--
300-Area SOIL	Lithium	7439-93-2	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	7,400	14,100	35,000	--
300-Area SOIL	Manganese	7439-96-5	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	190,000	418,000	1.26E+06	--
300-Area SOIL	Mercury	7439-97-6	ug/kg	4/17/2006	7/23/2007	11	10	91	25	25	26	133	330	--
300-Area SOIL	Uranium	7440-61-1	ug/kg	4/17/2006	7/23/2007	11	10	91	5,800	5,800	2,700	7,200	100,000	--
300-Area SOIL	Vanadium	7440-62-2	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	49,200	73,000	89,400	--
300-Area SOIL	Zinc	7440-66-6	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	106,000	207,000	621,000	--

Table M-37. Summary of Riparian Soil Analytes that Exceed the Lowest Generic Wildlife Soil Screening Levels

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Overall Lowest Avian/Mammal ESL	No. of Detects > Overall Lowest Avian/Mammal ESL
300-Area SOIL	Vanadium	7440-62-2	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	49,200	73,000	31,100	11
300-Area SOIL	Zinc	7440-66-6	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	106,000	207,000	67,800	11

Table M-38. Comparison of Riparian Soil Analytes to Wildlife PRGs

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Overall Lowest Avian/Mammal PRG	No. of Detects > Overall Lowest Avian/Mammal PRG
300-Area SOIL	Vanadium	7440-62-2	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	49,200	73,000	43,200	11
300-Area SOIL	Zinc	7440-66-6	ug/kg	4/17/2006	7/23/2007	11	11	100	--	--	106,000	207,000	856,000	--

Table M-39. Summary of Sediment Analytes Without an Ecological Screening Level

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Tier 1 ESV	No. of Detects > Tier 1 ESV
300-SEDIMENT	1,2,4-Trichlorobenzene	120-82-1	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	1,2-Dichlorobenzene	95-50-1	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	1,3-Dichlorobenzene	541-73-1	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	1,4-Dichlorobenzene	106-46-7	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	2,4,5-Trichlorophenol	95-95-4	ug/kg	2/8/2006	12/21/2006	15	0	0	970	2,600	--	--	--	--
300-SEDIMENT	2,4,6-Trichlorophenol	88-06-2	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	2,4-Dichlorophenol	120-83-2	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	2,4-Dimethylphenol	105-67-9	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	2,4-Dinitrophenol	51-28-5	ug/kg	2/8/2006	12/21/2006	15	0	0	970	2,600	--	--	--	--
300-SEDIMENT	2,4-Dinitrotoluene	121-14-2	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	2,6-Dinitrotoluene	606-20-2	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	2-Chloronaphthalene	91-58-7	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	2-Chlorophenol	95-57-8	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	2-Methylnaphthalene	91-57-6	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	2-Methylphenol (cresol, o-)	95-48-7	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	2-Nitroaniline	88-74-4	ug/kg	2/8/2006	12/21/2006	15	0	0	970	2,600	--	--	--	--
300-SEDIMENT	2-Nitrophenol	88-75-5	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	3,3'-Dichlorobenzidine	91-94-1	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	3+4 Methylphenol (cresol, m+p)	65794-96-9	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	3-Nitroaniline	99-09-2	ug/kg	2/8/2006	12/21/2006	15	0	0	970	2,600	--	--	--	--
300-SEDIMENT	4,4'-DDT (Dichlorodiphenyltrichloroethane)	50-29-3	ug/kg	2/8/2006	12/21/2006	15	1	6.7	1.3	2.1	2.3	2.3	--	--
300-SEDIMENT	4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	2/8/2006	12/21/2006	15	0	0	970	2,600	--	--	--	--
300-SEDIMENT	4-Bromophenylphenyl ether	101-55-3	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	4-Chloro-3-methylphenol	59-50-7	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	4-Chloroaniline	106-47-8	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	4-Chlorophenylphenyl ether	7005-72-3	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	4-Nitroaniline	100-01-6	ug/kg	2/8/2006	12/21/2006	15	0	0	970	2,600	--	--	--	--
300-SEDIMENT	4-Nitrophenol	100-02-7	ug/kg	2/8/2006	12/21/2006	15	0	0	970	2,600	--	--	--	--
300-SEDIMENT	Acenaphthene	83-32-9	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Acenaphthylene	208-96-8	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Actinium-228	14331-83-0	pCi/g	3/21/2001	12/7/2004	8	8	100	--	--	0.32	1.6	--	--
300-SEDIMENT	Aldrin	309-00-2	ug/kg	2/8/2006	12/21/2006	15	0	0	1.3	2.1	--	--	--	--
300-SEDIMENT	Anthracene	120-12-7	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Antimony-124	14683-10-4	pCi/g	10/29/2002	10/29/2002	1	0	0	0.020	0.020	--	--	--	--
300-SEDIMENT	Antimony-125	14234-35-6	pCi/g	9/20/1993	12/21/2006	29	0	0	-3.45E-02	0.086	--	--	--	--
300-SEDIMENT	Aroclor-1016	12674-11-2	ug/kg	2/8/2006	12/21/2006	15	0	0	15	44	--	--	--	--
300-SEDIMENT	Aroclor-1221	11104-28-2	ug/kg	2/8/2006	12/21/2006	15	0	0	15	44	--	--	--	--
300-SEDIMENT	Aroclor-1232	11141-16-5	ug/kg	2/8/2006	12/21/2006	15	0	0	15	44	--	--	--	--
300-SEDIMENT	Aroclor-1242	53469-21-9	ug/kg	2/8/2006	12/21/2006	15	0	0	15	44	--	--	--	--
300-SEDIMENT	Aroclor-1248	12672-29-6	ug/kg	2/8/2006	12/21/2006	15	0	0	15	44	--	--	--	--
300-SEDIMENT	Aroclor-1254	11097-69-1	ug/kg	2/8/2006	12/21/2006	15	0	0	15	44	--	--	--	--
300-SEDIMENT	Aroclor-1260	11096-82-5	ug/kg	2/8/2006	12/21/2006	15	1	6.7	15	44	11	11	--	--

Table M-39. Summary of Sediment Analytes Without an Ecological Screening Level

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Tier 1 ESV	No. of Detects > Tier 1 ESV
300-SEDIMENT	Barium-133	13981-41-4	pCi/g	10/29/2002	10/29/2002	1	0	0	0.020	0.020	--	--	--	--
300-SEDIMENT	Barium-140	14798-08-4	pCi/g	4/9/1992	12/7/2004	10	2	20	0.094	0.55	-4.20E-02	-1.90E-03	--	--
300-SEDIMENT	Benzo(a)anthracene	56-55-3	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Benzo(a)pyrene	50-32-8	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Benzo(b)fluoranthene	205-99-2	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Benzo(ghi)perylene	191-24-2	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Benzo(k)fluoranthene	207-08-9	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Beryllium	7440-41-7	ug/kg	8/29/1994	12/21/2006	20	20	100	--	--	130	900	--	--
300-SEDIMENT	Beryllium-7	13966-02-4	pCi/g	4/9/1992	12/21/2006	42	9	21	0.011	0.46	0.073	0.56	--	--
300-SEDIMENT	Bis(2-chloro-1-methylethyl)ether	108-60-1	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Bis(2-Chloroethoxy)methane	111-91-1	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Bis(2-chloroethyl) ether	111-44-4	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Bismuth	7440-69-9	ug/kg	2/8/2006	12/21/2006	15	0	0	550	1,800	--	--	--	--
300-SEDIMENT	Boron	7440-42-8	ug/kg	2/8/2006	12/21/2006	15	12	80	530	830	390	2,500	--	--
300-SEDIMENT	Butylbenzylphthalate	85-68-7	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Calcium	7440-70-2	ug/kg	8/29/1994	12/21/2006	18	18	100	--	--	1.60E+06	5.35E+06	--	--
300-SEDIMENT	Calculated Total Uranium	calc_tot_U	ug/kg	9/14/1992	12/21/2006	37	37	100	--	--	482	29,851	--	--
300-SEDIMENT	Carbazole	86-74-8	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Cerium/Praseodymium-144	CE/PR-144	pCi/g	9/20/1993	8/29/1994	2	0	0	-4.91E-01	0.0012	--	--	--	--
300-SEDIMENT	Cerium-139	CE-139	pCi/g	10/29/2002	10/29/2002	1	0	0	0.014	0.014	--	--	--	--
300-SEDIMENT	Cerium-141	13967-74-3	pCi/g	4/9/1992	12/7/2004	10	2	20	0.024	0.098	0.011	0.013	--	--
300-SEDIMENT	Cerium-144	14762-78-8	pCi/g	4/9/1992	12/7/2004	10	2	20	0.084	0.30	-1.11E-01	-5.80E-02	--	--
300-SEDIMENT	Cesium-134	13967-70-9	pCi/g	4/19/1990	12/21/2006	69	4	5.8	-8.70E-02	0.10	4.00E-04	0.023	--	--
300-SEDIMENT	Cesium-136	CS-136	pCi/g	10/29/2002	10/29/2002	1	0	0	0.066	0.066	--	--	--	--
300-SEDIMENT	Chloride	16887-00-6	ug/kg	2/8/2006	12/14/2006	12	12	100	--	--	161	3,370	--	--
300-SEDIMENT	Chromium-51	14392-02-0	pCi/g	10/29/2002	10/29/2002	1	0	0	0.24	0.24	--	--	--	--
300-SEDIMENT	Chrysene	218-01-9	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Cobalt-58	13981-38-9	pCi/g	4/9/1992	12/7/2004	10	2	20	0.014	0.049	-1.10E-02	-4.90E-03	--	--
300-SEDIMENT	Cumulative % retained on No. 100 screen	RET#100	%	2/8/2006	12/14/2006	12	12	100	--	--	59	100	--	--
300-SEDIMENT	Cumulative % retained on No. 16 screen	RET#16	%	2/8/2006	12/14/2006	12	12	100	--	--	--	79	--	--
300-SEDIMENT	Cumulative % retained on No. 200 screen	RET#200	%	2/8/2006	12/14/2006	12	12	100	--	--	87	100	--	--
300-SEDIMENT	Cumulative % retained on No. 30 screen	RET#30	%	2/8/2006	12/14/2006	12	12	100	--	--	0.28	86	--	--
300-SEDIMENT	Cumulative % retained on No. 50 screen	RET#50	%	2/8/2006	12/14/2006	12	12	100	--	--	4.0	91	--	--
300-SEDIMENT	Cumulative % retained on No. 8 screen	RET#8	%	2/8/2006	12/14/2006	12	12	100	--	--	--	71	--	--
300-SEDIMENT	Dibenz[a,h]anthracene	53-70-3	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Dibenzofuran	132-64-9	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Dieldrin	60-57-1	ug/kg	2/8/2006	12/21/2006	15	0	0	1.3	2.1	--	--	--	--
300-SEDIMENT	Diethylphthalate	84-66-2	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Dimethyl phthalate	131-11-3	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Di-n-octylphthalate	117-84-0	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Dominant Substrate Class [1-4]	AQ_BASKET_DOM_S	class	7/24/2006	7/24/2006	1	1	100	--	--	2.0	2.0	--	--
300-SEDIMENT	Endosulfan II	33213-65-9	ug/kg	2/8/2006	12/21/2006	15	0	0	1.3	2.1	--	--	--	--

Table M-39. Summary of Sediment Analytes Without an Ecological Screening Level

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Tier 1 ESV	No. of Detects > Tier 1 ESV
300-SEDIMENT	Endosulfan sulfate	1031-07-8	ug/kg	2/8/2006	12/21/2006	15	0	0	1.3	2.1	--	--	--	--
300-SEDIMENT	Endrin ketone	53494-70-5	ug/kg	2/8/2006	12/21/2006	15	0	0	1.3	2.1	--	--	--	--
300-SEDIMENT	Fluoranthene	206-44-0	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Fluorene	86-73-7	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Fluoride	16984-48-8	ug/kg	2/8/2006	12/14/2006	12	4	33	499	623	179	603	--	--
300-SEDIMENT	Fraction Coarse Sand	COARSE_SAND	%	2/8/2006	12/14/2006	12	12	100	--	--	0.25	11	--	--
300-SEDIMENT	Fraction Coarse Silt/Silt/Clay [less than 0.074 mm]	COARSE_SILT_CLA	%	2/8/2006	12/14/2006	12	12	100	--	--	--	13	--	--
300-SEDIMENT	Fraction Fine Sand	FINE_SAND	%	2/8/2006	12/14/2006	12	12	100	--	--	5.5	79	--	--
300-SEDIMENT	Fraction Granules [greater than 2.38 mm]	GRANULE	%	2/8/2006	12/14/2006	12	12	100	--	--	--	71	--	--
300-SEDIMENT	Fraction Medium Sand	MEDIUM_SAND	%	2/8/2006	12/14/2006	12	12	100	--	--	3.5	73	--	--
300-SEDIMENT	Fraction Total Sand	TOTAL_SAND	%	2/8/2006	12/14/2006	12	12	100	--	--	28	100	--	--
300-SEDIMENT	Fraction Very Coarse Sand	VERY_COARSE_SAN	%	2/8/2006	12/14/2006	12	12	100	--	--	--	17	--	--
300-SEDIMENT	Fraction Very Fine Sand	VERY_FINE_SAND	%	2/8/2006	12/14/2006	12	12	100	--	--	0.17	28	--	--
300-SEDIMENT	Gross beta	12587-47-2	pCi/g	4/19/1990	8/27/2001	12	12	100	--	--	19	30	--	--
300-SEDIMENT	Heptachlor	76-44-8	ug/kg	2/8/2006	12/21/2006	15	0	0	1.3	2.1	--	--	--	--
300-SEDIMENT	Hexachlorobenzene	118-74-1	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Hexachlorobutadiene	87-68-3	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Hexachlorocyclopentadiene	77-47-4	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Hexachloroethane	67-72-1	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Hexavalent Chromium	18540-29-9	ug/kg	2/8/2006	12/21/2006	15	0	0	50	500	--	--	--	--
300-SEDIMENT	Hyalella CTL Growth	HYAL_CTL_GROWTH	mg	2/8/2006	2/19/2006	10	10	100	--	--	0.16	0.18	--	--
300-SEDIMENT	Hyalella CTL Survival	HYAL_CTL_SURV	%	2/8/2006	2/19/2006	10	10	100	--	--	92	96	--	--
300-SEDIMENT	Hyalella Growth	HYAL_GROWTH	mg	2/8/2006	12/14/2006	12	12	100	--	--	0.14	0.27	--	--
300-SEDIMENT	Hyalella Survival	HYAL_SURV	%	2/8/2006	12/14/2006	12	12	100	--	--	2.0	96	--	--
300-SEDIMENT	Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Iodine-131	10043-66-0	pCi/g	4/9/1992	12/7/2004	10	2	20	0.036	0.36	-2.00E-02	-1.30E-02	--	--
300-SEDIMENT	Iron-59	14596-12-4	pCi/g	4/9/1992	12/7/2004	10	2	20	0.031	0.13	--	0.0059	--	--
300-SEDIMENT	Isophorone	78-59-1	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Lanthanum-140	13981-28-7	pCi/g	4/9/1992	12/7/2004	10	2	20	0.026	0.16	-4.20E-02	0.0059	--	--
300-SEDIMENT	Lithium	7439-93-2	ug/kg	2/8/2006	12/21/2006	15	15	100	--	--	3,600	13,000	--	--
300-SEDIMENT	Macrophyte Abundance Class [1-4]	AQ_BASKET_MACRO	class	7/24/2006	7/24/2006	1	1	100	--	--	3.0	3.0	--	--
300-SEDIMENT	Magnesium	7439-95-4	ug/kg	8/29/1994	12/21/2006	18	18	100	--	--	1.95E+06	5.11E+06	--	--
300-SEDIMENT	Manganese-54	13966-31-9	pCi/g	4/19/1990	12/7/2004	11	3	27	0.012	0.049	0.0012	0.018	--	--
300-SEDIMENT	Methoxychlor	72-43-5	ug/kg	2/8/2006	12/21/2006	15	0	0	1.3	2.1	--	--	--	--
300-SEDIMENT	Molybdenum-99	14119-15-4	pCi/g	10/29/2002	10/29/2002	1	0	0	110	110	--	--	--	--
300-SEDIMENT	Naphthalene	91-20-3	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Niobium-94	14681-63-1	pCi/g	10/29/2002	10/29/2002	1	0	0	0.016	0.016	--	--	--	--
300-SEDIMENT	Niobium-95	13967-76-5	pCi/g	4/9/1992	12/7/2004	10	2	20	0.016	0.066	0.0053	0.027	--	--
300-SEDIMENT	Nitrobenzene	98-95-3	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Nitrogen in ammonia	NH3-N	ug/kg	2/8/2006	12/14/2006	12	11	92	2,640	2,640	1,140	5,660	--	--
300-SEDIMENT	Nitrogen in Nitrate	NO3-N	ug/kg	2/8/2006	12/14/2006	12	12	100	--	--	186	12,600	--	--
300-SEDIMENT	Nitrogen in Nitrite	NO2-N	ug/kg	2/8/2006	12/14/2006	12	8	67	513	814	221	1,690	--	--

Table M-39. Summary of Sediment Analytes Without an Ecological Screening Level

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Tier 1 ESV	No. of Detects > Tier 1 ESV
300-SEDIMENT	Nitrogen, Kjeldahl total	N-KJELDAHL	ug/kg	2/8/2006	12/14/2006	12	12	100	--	--	255,000	1.92E+06	--	--
300-SEDIMENT	n-Nitrosodi-n-dipropylamine	621-64-7	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	n-Nitrosodiphenylamine	86-30-6	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Pakchoi CTL Shoot Wt. Wet	PAK_CTL_SHOOT_W	g	2/8/2006	2/13/2006	7	7	100	--	--	5.8	5.8	--	--
300-SEDIMENT	Pakchoi shoot weight, dry	PAK_SHOOT_WT_DR	g	2/8/2006	12/14/2006	9	9	100	--	--	0.19	0.41	--	--
300-SEDIMENT	Pakchoi shoot weight, wet	PAK_SHOOT_WT_WE	g	2/8/2006	12/14/2006	9	9	100	--	--	3.5	8.5	--	--
300-SEDIMENT	Pentachlorophenol	87-86-5	ug/kg	2/8/2006	12/21/2006	15	0	0	970	2,600	--	--	--	--
300-SEDIMENT	Percent moisture (wet sample)	%MOISTURE	%	2/8/2006	12/14/2006	12	12	100	--	--	11	30	--	--
300-SEDIMENT	pH Measurement	PH	unitless	2/8/2006	12/14/2006	12	12	100	--	--	6.7	7.8	--	--
300-SEDIMENT	Phenanthrene	85-01-8	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Phenol	108-95-2	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Potassium	7440-09-7	ug/kg	8/29/1994	12/21/2006	18	18	100	--	--	307,000	1.28E+06	--	--
300-SEDIMENT	Potassium-40	13966-00-2	pCi/g	4/19/1990	12/21/2006	78	78	100	--	--	8.5	21	--	--
300-SEDIMENT	Pyrene	129-00-0	ug/kg	2/8/2006	12/21/2006	15	0	0	390	1,100	--	--	--	--
300-SEDIMENT	Radium-226	13982-63-3	pCi/g	4/19/1990	12/21/2006	41	41	100	--	--	0.36	2.3	--	--
300-SEDIMENT	Radium-228	15262-20-1	pCi/g	10/27/1997	12/21/2006	16	16	100	--	--	0.56	1.4	--	--
300-SEDIMENT	Ruthenium-103	13968-53-1	pCi/g	4/9/1992	12/7/2004	10	2	20	0.016	0.061	-1.60E-02	0.0021	--	--
300-SEDIMENT	Ruthenium-106	13967-48-1	pCi/g	4/9/1992	12/21/2006	38	2	5.3	-7.03E-01	0.42	-1.40E-02	0.060	--	--
300-SEDIMENT	Selenium-75	SE-75	pCi/g	10/29/2002	10/29/2002	1	0	0	0.022	0.022	--	--	--	--
300-SEDIMENT	Silicon	7440-21-3	ug/kg	2/8/2006	12/21/2006	15	15	100	--	--	368,000	787,000	--	--
300-SEDIMENT	Silver-110 [metastable]	AG-110M	pCi/g	10/29/2002	10/29/2002	1	0	0	0.016	0.016	--	--	--	--
300-SEDIMENT	Sodium	7440-23-5	ug/kg	8/29/1994	12/21/2006	18	18	100	--	--	48,200	260,000	--	--
300-SEDIMENT	Strontium	7440-24-6	ug/kg	11/21/1996	12/21/2006	16	16	100	--	--	9,800	33,700	--	--
300-SEDIMENT	Strontium-85	13967-73-2	pCi/g	10/29/2002	10/29/2002	1	0	0	0.022	0.022	--	--	--	--
300-SEDIMENT	Sub Dominant Substrate Class [1-4]	AQ_BASKET_SUB_D	class	7/24/2006	7/24/2006	1	1	100	--	--	3.0	3.0	--	--
300-SEDIMENT	Substrate Embeddedness Class [1-4]	AQ_BASKET_EMBED	class	7/24/2006	7/24/2006	1	1	100	--	--	4.0	4.0	--	--
300-SEDIMENT	Sulfate	14808-79-8	ug/kg	2/8/2006	12/14/2006	12	12	100	--	--	799	10,900	--	--
300-SEDIMENT	Tellurium-129M	TE-129M	pCi/g	10/29/2002	10/29/2002	1	0	0	0.29	0.29	--	--	--	--
300-SEDIMENT	Thorium-228	14274-82-9	pCi/g	4/19/1990	12/21/2006	44	43	98	1.2	1.2	0.43	3.6	--	--
300-SEDIMENT	Thorium-230	14269-63-7	pCi/g	8/27/2001	12/21/2006	20	17	85	0.12	0.30	0.27	5.6	--	--
300-SEDIMENT	Thorium-232	TH-232	pCi/g	8/27/2001	12/21/2006	20	18	90	0.50	0.51	0.27	1.5	--	--
300-SEDIMENT	Tin-113	13966-06-8	pCi/g	10/29/2002	10/29/2002	1	0	0	0.022	0.022	--	--	--	--
300-SEDIMENT	Titanium	7440-32-6	ug/kg	2/8/2006	2/19/2006	10	10	100	--	--	847,000	2.03E+06	--	--
300-SEDIMENT	Total organic carbon	TOC	ug/kg	2/8/2006	12/14/2006	12	12	100	--	--	799,000	1.17E+07	--	--
300-SEDIMENT	Total petroleum hydrocarbons	TPH	ug/kg	2/8/2006	12/21/2006	15	1	6.7	154,000	210,000	287,000	287,000	--	--
300-SEDIMENT	Total petroleum hydrocarbons - gasoline range	TPHGASOLINE	ug/kg	2/8/2006	12/21/2006	15	2	13	33	140	6.6	120	--	--
300-SEDIMENT	Toxaphene	8001-35-2	ug/kg	2/8/2006	12/21/2006	15	0	0	13	21	--	--	--	--
300-SEDIMENT	Uranium [radionuclide]	U_rad	pCi/g	9/5/1995	10/25/2004	7	7	100	--	--	1.9	9.3	--	--
300-SEDIMENT	Uranium-236	13982-70-2	pCi/g	8/27/2001	10/25/2004	6	6	100	--	--	3.11E-05	0.050	--	--
300-SEDIMENT	Vanadium	7440-62-2	ug/kg	8/29/1994	12/21/2006	18	18	100	--	--	19,600	66,000	--	--
300-SEDIMENT	Yttrium-88	Y-88	pCi/g	10/29/2002	10/29/2002	1	0	0	0.013	0.013	--	--	--	--
300-SEDIMENT	Zinc-65	13982-39-3	pCi/g	4/9/1992	12/7/2004	12	2	17	-3.04E-01	0.11	0.020	0.040	--	--

Table M-39. Summary of Sediment Analytes Without an Ecological Screening Level

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Tier 1 ESV	No. of Detects > Tier 1 ESV
300-SEDIMENT	Zirconium	7440-67-7	ug/kg	2/8/2006	2/19/2006	10	10	100	--	--	7,500	33,600	--	--
300-SEDIMENT	Zirconium/Niobium-95	ZR/NB-95	pCi/g	9/20/1993	8/29/1994	2	0	0	-4.11E-02	0.070	--	--	--	--

Table M-40. Summary of Sediment Analytes That Were Not Detected

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Tier 1 ESV	No. of Detects > Tier 1 ESV
300-SEDIMENT	4,4'-DDD (Dichlorodiphenyldichloroethane)	72-54-8	ug/kg	2/8/2006	12/21/2006	15	0	0	1.3	2.1	--	--	8.0	--
300-SEDIMENT	Alpha-Chlordane	5103-71-9	ug/kg	2/8/2006	12/21/2006	15	0	0	1.3	2.1	--	--	0.030	--
300-SEDIMENT	Americium-241	14596-10-2	pCi/g	2/8/2006	12/21/2006	15	0	0	0.025	0.36	--	--	5,150	--
300-SEDIMENT	Endrin	72-20-8	ug/kg	2/8/2006	12/21/2006	15	0	0	1.3	2.1	--	--	2.2	--
300-SEDIMENT	Endrin aldehyde	7421-93-4	ug/kg	2/8/2006	12/21/2006	15	0	0	1.3	2.1	--	--	2.2	--
300-SEDIMENT	Gamma-BHC (Lindane)	58-89-9	ug/kg	2/8/2006	12/21/2006	15	0	0	1.3	2.1	--	--	2.4	--
300-SEDIMENT	gamma-Chlordane	5566-34-7	ug/kg	2/8/2006	12/21/2006	15	0	0	1.3	2.1	--	--	0.030	--
300-SEDIMENT	Heptachlor epoxide	1024-57-3	ug/kg	2/8/2006	12/21/2006	15	0	0	1.3	2.1	--	--	2.5	--
300-SEDIMENT	Silver	7440-22-4	ug/kg	9/5/1995	12/21/2006	17	0	0	80	520	--	--	2,000	--
300-SEDIMENT	Thallium	7440-28-0	ug/kg	2/8/2006	12/21/2006	15	0	0	720	2,500	--	--	2,600	--

Table M-41. Summary of Sediment Analytes With Concentrations That Do Not Exceed an Ecological Screening Level

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	Tier 1 ESV	No. of Detects > Tier 1 ESV
300-SEDIMENT	4,4'-DDE (Dichlorodiphenyldichloroethylene)	72-55-9	ug/kg	2/8/2006	12/21/2006	15	2	13	1.3	2.1	1.5	2.6	3.2	--
300-SEDIMENT	Alpha-BHC	319-84-6	ug/kg	2/8/2006	12/21/2006	15	1	6.7	1.3	2.1	3.1	3.1	6.0	--
300-SEDIMENT	Aluminum	7429-90-5	ug/kg	8/29/1994	12/21/2006	18	18	100	--	--	2.91E+06	9.64E+06	1.40E+07	--
300-SEDIMENT	Arsenic	7440-38-2	ug/kg	2/8/2006	12/21/2006	15	15	100	--	--	1,400	18,000	20,000	--
300-SEDIMENT	Barium	7440-39-3	ug/kg	8/29/1994	12/21/2006	18	18	100	--	--	25,600	209,000	300,000	--
300-SEDIMENT	Cesium-137	10045-97-3	pCi/g	4/19/1990	12/21/2006	72	69	96	0.056	0.22	0.031	0.78	3,120	--
300-SEDIMENT	Chromium	7440-47-3	ug/kg	8/29/1994	12/21/2006	20	20	100	--	--	6,000	35,700	95,000	--
300-SEDIMENT	Cobalt	7440-48-4	ug/kg	8/29/1994	12/21/2006	18	18	100	--	--	2,700	12,400	50,000	--
300-SEDIMENT	Cobalt-57	13981-50-5	pCi/g	4/19/1990	12/7/2004	25	3	12	-1.16E-02	0.045	0.015	0.020	1,460	--
300-SEDIMENT	Cobalt-60	10198-40-0	pCi/g	4/19/1990	12/21/2006	70	23	33	-1.14E-02	0.052	0.0066	0.044	1,460	--
300-SEDIMENT	Copper	7440-50-8	ug/kg	8/29/1994	12/21/2006	20	20	100	--	--	4,200	29,700	80,000	--
300-SEDIMENT	Delta-BHC	319-86-8	ug/kg	2/8/2006	12/21/2006	15	1	6.7	1.3	2.1	1.5	1.5	120	--
300-SEDIMENT	Di-n-butylphthalate	84-74-2	ug/kg	2/8/2006	12/21/2006	15	1	6.7	400	1,100	33	33	7,000	--
300-SEDIMENT	Europium-152	14683-23-9	pCi/g	4/19/1990	12/21/2006	53	23	43	0.0056	0.28	0.030	0.54	3,040	--
300-SEDIMENT	Europium-154	15585-10-1	pCi/g	9/20/1993	12/21/2006	30	2	6.7	-3.86E-02	0.12	0.045	0.083	2,570	--
300-SEDIMENT	Europium-155	14391-16-3	pCi/g	9/20/1993	12/21/2006	29	2	6.9	0.029	0.13	0.045	0.064	31,600	--
300-SEDIMENT	Lead	7439-92-1	ug/kg	2/8/2006	12/21/2006	15	15	100	--	--	4,200	48,700	335,000	--
300-SEDIMENT	Mercury	7439-97-6	ug/kg	2/8/2006	12/21/2006	15	5	33	20	20	30	70	500	--
300-SEDIMENT	Molybdenum	7439-98-7	ug/kg	2/8/2006	12/21/2006	15	10	67	450	700	290	890	250,000	--
300-SEDIMENT	Nickel	7440-02-0	ug/kg	8/29/1994	12/21/2006	19	19	100	--	--	6,300	23,800	60,000	--
300-SEDIMENT	Plutonium-238	13981-16-3	pCi/g	9/5/1995	8/4/2004	3	1	33	--	--	0.039	0.039	5,730	--
300-SEDIMENT	Plutonium-239/240	PU-239/240	pCi/g	9/5/1995	8/4/2004	3	1	33	--	--	0.010	0.010	5,860	--
300-SEDIMENT	Strontium-90	10098-97-2	pCi/g	9/14/1992	12/21/2006	37	11	30	-7.60E-02	0.15	0.0040	0.056	582	--
300-SEDIMENT	Technetium-99	14133-76-7	pCi/g	8/27/2001	8/27/2001	1	1	100	--	--	0.30	0.30	42,200	--
300-SEDIMENT	Tin	7440-31-5	ug/kg	8/29/1994	12/21/2006	18	12	67	1,000	2,300	830	6,600	239,000	--
300-SEDIMENT	Uranium	7440-61-1	ug/kg	2/8/2006	12/21/2006	15	6	40	950	5,000	1,800	6,800	100,000	--
300-SEDIMENT	Uranium-233/234	13966-29-5	pCi/g	9/14/1992	12/21/2006	29	29	100	--	--	0.071	4.5	5,270	--
300-SEDIMENT	Uranium-234	13966-29-5	pCi/g	11/1/1999	10/13/2003	11	11	100	--	--	0.33	11	5,270	--
300-SEDIMENT	Uranium-235	15117-96-1	pCi/g	9/14/1992	12/21/2006	51	33	65	--	0.28	0.0029	0.41	3,730	--
300-SEDIMENT	Uranium-238	U-238	pCi/g	9/14/1992	12/21/2006	41	39	95	0.16	2.0	0.051	10.0	2,490	--
300-SEDIMENT	Zirconium-95	13967-71-0	pCi/g	4/9/1992	12/7/2004	10	2	20	0.025	0.10	-4.60E-02	0.18	2,330	--

Table M-42. Summary of Sediment Analytes With Concentrations Greater than an Ecological Screening Level

Site	Analyte	CAS#	Units	First Sample Date	Last Sample Date	Number of Results	Number of Detects	Frequency of Detects (%)	Min Non-Detect	Max Non-Detect	Min Detect	Max Detect	ESV	No. of Detects > ESV
300-SEDIMENT	Antimony	7440-36-0	ug/kg	9/5/1995	12/21/2006	17	2	12	450	1,100	2,200	10,000	400	2
300-SEDIMENT	beta-1,2,3,4,5,6-Hexachlorocyclohexane (beta-BHC)	319-85-7	ug/kg	2/8/2006	12/21/2006	15	2	13	1.5	2.1	2.0	8.0	5.0	1
300-SEDIMENT	Bis(2-ethylhexyl) phthalate	117-81-7	ug/kg	2/8/2006	12/21/2006	15	14	93	1,100	1,100	26	350	230	2
300-SEDIMENT	Cadmium	7440-43-9	ug/kg	8/29/1994	12/21/2006	18	17	94	90	90	110	2,400	600	5
300-SEDIMENT	Endosulfan I	959-98-8	ug/kg	2/8/2006	12/21/2006	15	3	20	1.3	2.1	0.39	3.8	0.010	3
300-SEDIMENT	Iron	7439-89-6	ug/kg	8/29/1994	12/21/2006	18	18	100	--	--	8.68E+06	2.94E+07	2.00E+07	5
300-SEDIMENT	Manganese	7439-96-5	ug/kg	8/29/1994	12/21/2006	18	18	100	--	--	87,000	746,000	460,000	4
300-SEDIMENT	Selenium	7782-49-2	ug/kg	2/8/2006	12/21/2006	15	5	33	430	4,600	420	4,300	4,000	1
300-SEDIMENT	Total petroleum hydrocarbons - diesel range	TPHDIESEL	ug/kg	2/8/2006	12/21/2006	15	14	93	5,290	5,290	1,500	45,000	1,750	13
300-SEDIMENT	Zinc	7440-66-6	ug/kg	8/29/1994	12/21/2006	18	18	100	--	--	48,400	310,000	140,000	6

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Appendix L

Nonoperational Evaluation

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L1 Introduction

This appendix presents information that supports the 300 Area *Comprehensive Environmental Response, Compensation, and Liability Act of 1980* (CERCLA) RI/FS. Most of the waste sites in the 300 Area are located close to former industrial facilities. There are large land areas (beyond the industrial areas and their associated facilities and waste sites) which have little or no subsurface infrastructure or indication of past or present releases of hazardous constituents. This land is referred to as nonoperational property. This appendix presents an evaluation of the nonoperational property (NPE) specific to the 300 Area.

L1.1 Scope of the Nonoperational Property Evaluation

This NPE is not directly part of the CERCLA RI/FS process, in that it has no role in determining the basis for remedial action or in evaluating remedial alternatives for contaminated soils or groundwater. The National Contingency Plan (40 CFR 300, "National Oil and Hazardous Substances Pollution Contingency Plan") requires that the nature and extent of contamination is evaluated and that appropriate remedial actions are taken. Two important outputs from the NPE are evidence that effort has been taken to identify where waste may be present outside of operational areas and, where appropriate, the inclusion of NPE waste sites that may warrant further consideration as part of the RI/FS. The NPE also documents nonoperational conditions for use in risk communication and for informing stakeholders.

There are fate and transport mechanisms that could potentially distribute contaminants to nonoperational areas. The most credible are human disposal, windblown dust dispersion, air emissions from stacks during active operations, overland flow, and biological vectors (intrusion by plants and animals). Multiple lines of evidence have been developed to assess these fate and transport mechanisms and the potential for contamination to exist outside known operational areas. Areas of focus in developing the lines of evidence include:

- **Review of existing programs, data, and information with a nonoperational area focus:** Decades of environmental monitoring and surveillance have been conducted and reported at the Hanford Site. In addition to general (routine) monitoring that has included nonoperational areas, special studies have been commissioned and conducted that assess broad-area evidence of emissions and releases from facilities and waste sites.
- **Results of orphan sites evaluations:** The OSE is a program, which has been designed primarily to support cleanup and long-term stewardship activities in the River Corridor. It provides a detailed understanding of disturbed areas (contaminated or not). Review of historical records and imagery, combined with on-the-ground walkdowns and field investigations; provide a comprehensive evaluation of current conditions in nonoperational areas.
- **Statistical analyses:** Two statistical analyses were conducted as adjuncts to environmental monitoring, data review, and field investigations. The first analysis was developed and applied to enhance efforts to systematically and rigorously locate potential waste disposal sites. The second analysis evaluated radionuclide distribution (based on available soil concentration data and aerial radiological surveys) to quantify and understand relationships with known waste sites and examine the potential for unidentified sites to exist outside operational areas.

L1.2 300 Decision Area Description

The 300 Decision Area is situated at the southern portion of the River Corridor and extends from north of Energy Northwest to south of the 300 Area and from the west bank of the Columbia River to the west to Horn Road. There are three subregions with facilities and waste sites related to Hanford operations:

300 Area industrial complex, and the 400 and 600 Areas. The 300 Area consists of the buildings, facilities, and process units located in the industrial complex located north of Richland, Washington, where the vast majority of uranium fuel production and R&D activities took place. The 400 Area consists of the FFTF and associated facilities. The 600 Area subregion consists of the 618-10 and 618-11 Burial Grounds, the 316-4 Crib, and various burial grounds not categorized as being within the 300 Area (industrial complex) or 400 Area, plus the groundwater impacted by releases from those waste sites. A major portion of the 600 Area is historically unused land with no known waste sites and facilities (DOE/RL-2009-30, *300 Area Remedial Investigation/Feasibility Study Work Plan for the 300-FF-1, 300-FF-2, and 300-FF-5 Operable Units*, hereafter referred to as the 300 Area RI/FS Work Plan). It is addressed as part of the 100-F/IU-2/6, Segment 5 OSE report (OSR-2011-0002, *100-F/IU-2/IU-6 Area – Segment 5 Orphan Sites Evaluation Report*).

The upland environment for the 300 Decision Area can be divided into three general regions: a central disturbed region, and northern and southern vegetated regions. The central portion of the 300 Area consists of disturbed areas adjacent to buildings and facilities. The upland environment within the northern region is dominated by a bitterbrush/bunchgrass mosaic cover type. The upland environment within the southern region is primarily big sagebrush/bunchgrass mosaic with smaller areas of Sandberg's bluegrass-cheatgrass and gray rabbitbrush/Sandberg's bluegrass-cheatgrass. The vegetation to the north of the 300 Decision Area boundary is a continuation of the northern region's bitterbrush/bunchgrass mosaic cover type. The vegetation to the west of the 300 Decision Area boundary consists primarily of two cover types: snow buckwheat/bunchgrass mosaic and bunchgrass mosaic. Scattered within these two dominant cover types are small areas of gray rabbitbrush/cheatgrass, snow buckwheat-bitterbrush/bunchgrass, Indian ricegrass, and Sandberg's bluegrass-cheatgrass (PNNL-SA-41467, *Literature Review of Environmental Documents in Support of the 100 and 300 Area River Corridor Baseline Risk Assessment*).

L2 Nonoperational Property Evaluation Approach

River Corridor cleanup efforts have focused on known waste sites located within operational areas (often within perimeter fences) and on a limited number of known sites outside these boundaries. Where surveillance monitoring or focused investigative activities have identified previously unknown sites, they have been identified and evaluated for inclusion within the scope of the cleanup efforts. Operational areas comprise a small fraction of the total land surface in the River Corridor. Outside of the operational areas is the nonoperational property area. For purposes of this appendix, the nonoperational property area in the River Corridor is defined as that area beyond the boundaries of waste sites listed in the WIDS database. The nonoperational area is considered not to be directly associated with a Hanford Site process or operational activity known or suspected to contribute CERCLA hazardous constituents to the environment.

The approach to the NPE for the River Corridor is to develop a conceptual model of the fate and transport mechanisms that could distribute contaminants from Hanford operations that would warrant further evaluation in the nonoperational areas, and then apply multiple lines of evidence to examine the likelihood that such contamination is present. The lines of evidence include the following:

- Results from long-term surveillance and monitoring programs and other studies
- Results from a spatial model for predicting the location of man-made features (including waste sites) based on proximity to man-made and topographic features

- A spatial model for predicting where elevated radionuclide concentrations (specifically Cs-137) are present in soil based on aerial radiological survey results
- Results from the OSE program

Section L2.1 presents a brief description of potentially significant contaminant fate and transport pathways. Summary descriptions of the key surveillance and monitoring programs and other studies for the nonoperational area in the 300 Area are presented in Section L2.2. Brief descriptions of the statistical analyses are presented in Section L2.3. A brief description of the OSE program is presented in Section L2.4.

L2.1 Nonoperational Contaminant Transport Pathways

The Nonoperational Property area, having no history of releases of hazardous or radioactive substances, is presumed to have a low likelihood of contamination that would require a response action under CERCLA. The principal objective of this evaluation is to examine multiple lines of evidence to confirm that hazardous or radioactive substance releases are not present in the Nonoperational Property area. An outcome of this evaluation could be the identification of areas where releases, or contaminant transport, may have occurred.

A select set of contaminant release pathways apply when evaluating the potential for contaminant transport into nonoperational areas. They include:

- **Anthropogenic contaminant sources.** Contaminants from facilities or known waste sites may have been physically transported by human actions to shallow soils outside of waste site boundaries. Several activities and programs at the Hanford Site identify waste sites that have resulted from these types of activities. Section L2.2 presents an overview of these activities and programs.
- **Transport via windblown dust.** Hazardous and radioactive substances in surface soils and materials can become suspended into the air, dispersed to downwind locations, and subsequently deposited onto the ground. Approximately 6 percent of the 1,518 km^2 (586 mi^2) Hanford Site (about 83 km^2 [32 mi^2], or 8,909 ha [20,000 ac]) has been actively disturbed or used. Potential fugitive dust emission sources are located in the five operations areas within this actively disturbed area: the 100, 200 East, 200 West, 300, and 400 Areas. The potential for fugitive dust emissions from these sources is generally conceived to occur subsequent to disturbance, erosion, or removal of soil covers over waste sites or through plant or animal biointrusion. These events can expose erodible material that contains contamination. Engineering controls (e.g., surface soil stabilization, dust suppression water, work cessation due to wind conditions) can be, and are, applied to mitigate or eliminate this transport pathway. However, there are contaminated areas posted as Radiologically Controlled Areas or Soil Contamination Areas that could contain erodible material that could produce fugitive emissions from resuspension of windblown dust (DOE/RL-2010-17, *Radionuclide Air Emissions Report for the Hanford Site, Calendar Year 2009*). Figure L-1 depicts a conceptual model of windblown dust transport.
- **Emissions from facility stacks.** Hazardous and radioactive substances emitted into the air from former and currently operating facility stacks and vents can be dispersed to downwind locations and subsequently deposited onto the ground. Three groups of sources of Hanford Site stack air emissions had the potential to impact the River Corridor by air deposition. Two of the groups, which represent by far the greatest potential contributors, are stack emissions that occurred during active operations between 1944 and 1972. The two groups are examined separately based on their physical location and type of contamination. The first group is stack emissions from 200 Area operations that separated plutonium and uranium from irradiated reactor fuel. The second group is stacks in the 100 Area that

exhausted ventilation air from the working areas of the nine production reactor facilities. The 100 Area sources were minor emissions compared with those from 200 Area facilities. The third group is nonradionuclide emissions resulting from coal-fired power plants used to generate steam for heating and process operations. There were two large power plants in the 200 Area that operated until the mid-1990s: 284-E Power Plant in the 200 East Area and 284-W Power Plant in the 200 West Area (WHC-EP-0472-1, *Facility Effluent Monitoring Plan for the 284-E and 284-W Power Plants*). Nonradionuclide toxic air pollutants that could be emitted from coal-fired power plants are principally trace metals, but also include traces of volatile organic compounds such as formaldehyde, and polycyclic organic matter. The polycyclic aromatic organic matter and certain trace metals, in particular arsenic, cadmium, lead and antimony, adhere to the fine particulate matter emitted from a power plant stack. Figure L-2 presents the conceptual model of transport from stack emissions.

- **Overland transport.** Hazardous and radioactive substances in surface materials can be transported away from facilities or known waste sites by surface runoff (overland flow). This could conceivably occur following precipitation events or, as has been documented, from releases (or "spillage") of process liquid waste that had been discharged to liquid waste disposal sites. Overland flow potentially results in the transport of contaminated sediments or water away from a waste site. Factors that affect overland flow include slope of the ground surface, soil texture, and vegetative cover, and frequency of precipitation.

  The Hanford Site is in a semiarid region and precipitation is more than balanced by evaporation and transpiration such that substantial overland flow from precipitation is an unlikely occurrence. A more likely source for overland flow is spills or releases from liquid waste disposal facilities during historical active operations. In general, these leaks were infrequent and documented through written and photographic records. Most resulted in localized contamination in and around the disposal sites. A number of these sites have been remediated under the Interim Action RODs.

- **Biointrusion.** Hazardous and radioactive substances in shallow soil can be transported to plants at ground surface through their roots or, disturbed and transported to the soil surface by burrowing animals or insects. Plants extend roots into the soil to extract nutrients and water. Most of the mass of plant roots is concentrated within the shallow soil; however, some deep-rooted plant species are found at the Hanford Site. Unless actively managed and controlled, deep-rooted vegetation (e.g., tumbleweeds, sagebrush) growing over underground sources of contamination may selectively uptake contaminants, particularly radionuclides, into their tissues. When radionuclides are transported from roots to aerial portions of the plant, surface contamination may result. Desert animals and insects burrow for shelter from the heat, cold, or predators; reproduction; feeding; and water conservation. Most wildlife burrow no more than a few feet in depth; however, some macroinvertebrates (harvester ants) have been reported to burrow to depths of up to 2.4 m (8 ft) in soil at the Hanford Site. Animals that burrow into contaminated soils could unearth contaminants and disperse them on the soil surface. The conceptual model of biointrusion is depicted in Figures L-3 and L-4.

L2.2 Surveillance and Monitoring Programs

Several programs at the Hanford Site collect environmental surveillance and monitoring data. Many of these programs collect data to address regulatory requirements for emissions, effluent discharges, or DOE Orders regarding radiological control. Other programs perform environmental monitoring of soil, water, air, or vegetation. Most of these programs are summarized in the Annual Environmental Report for the Hanford Site (see PNNL-19455, *Hanford Site Environmental Report for Calendar Year 2009*, hereafter referred to as the 2009 Sitewide Environmental Report, for an example of an environmental report).

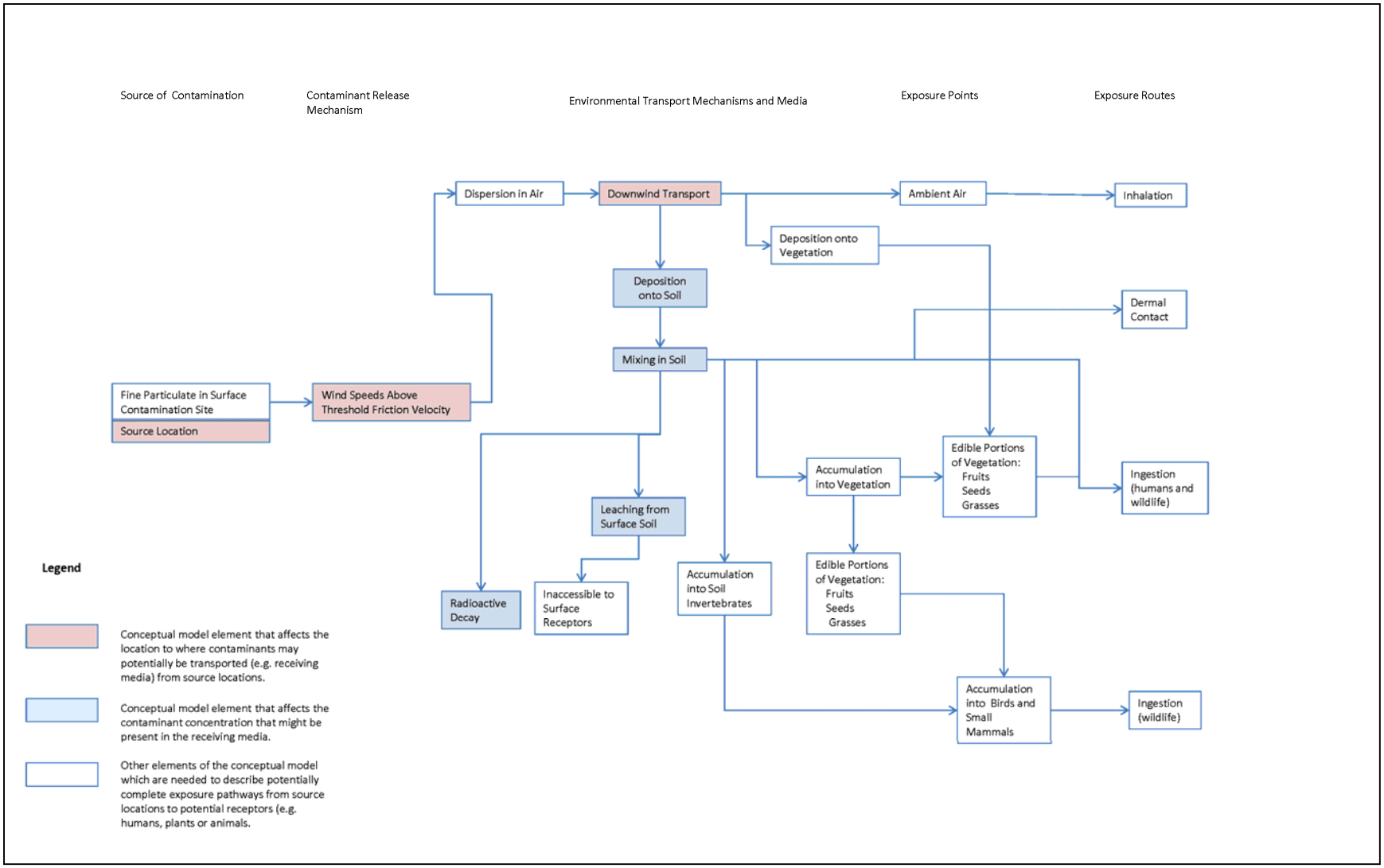

Figure L-1. Nonoperational Area Conceptual Model of Contaminant Fate and Transport Pathways—Transport of Windblown Dust

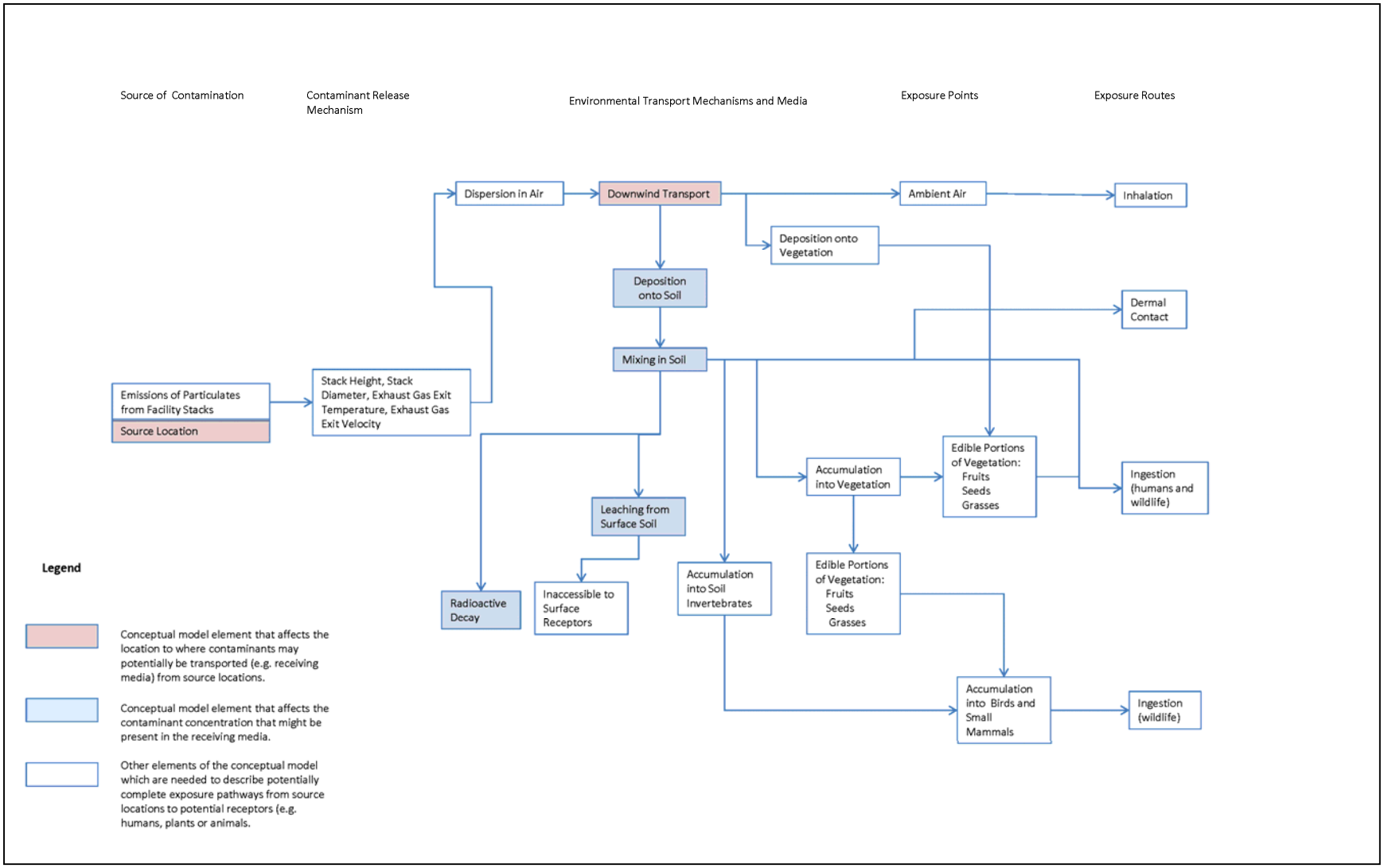

Figure L-2. Nonoperational Area Conceptual Model of Contaminant Fate and Transport Pathways—Transport via Emissions from Facility Stacks

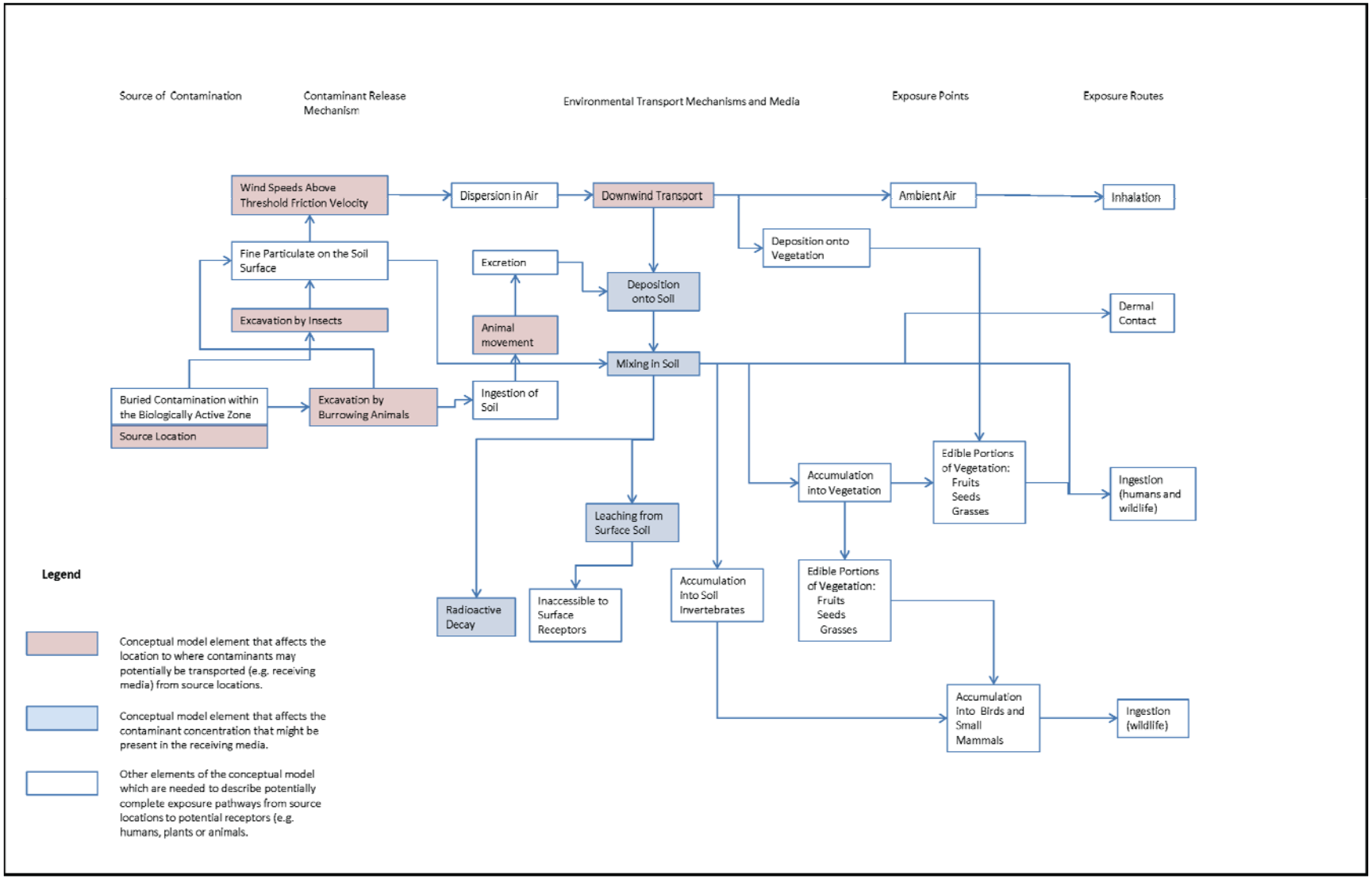

Figure L-3. Nonoperational Area Conceptual Model of Contaminant Fate and Transport Pathways—Transport via Animal Intrusion of Buried Contaminants

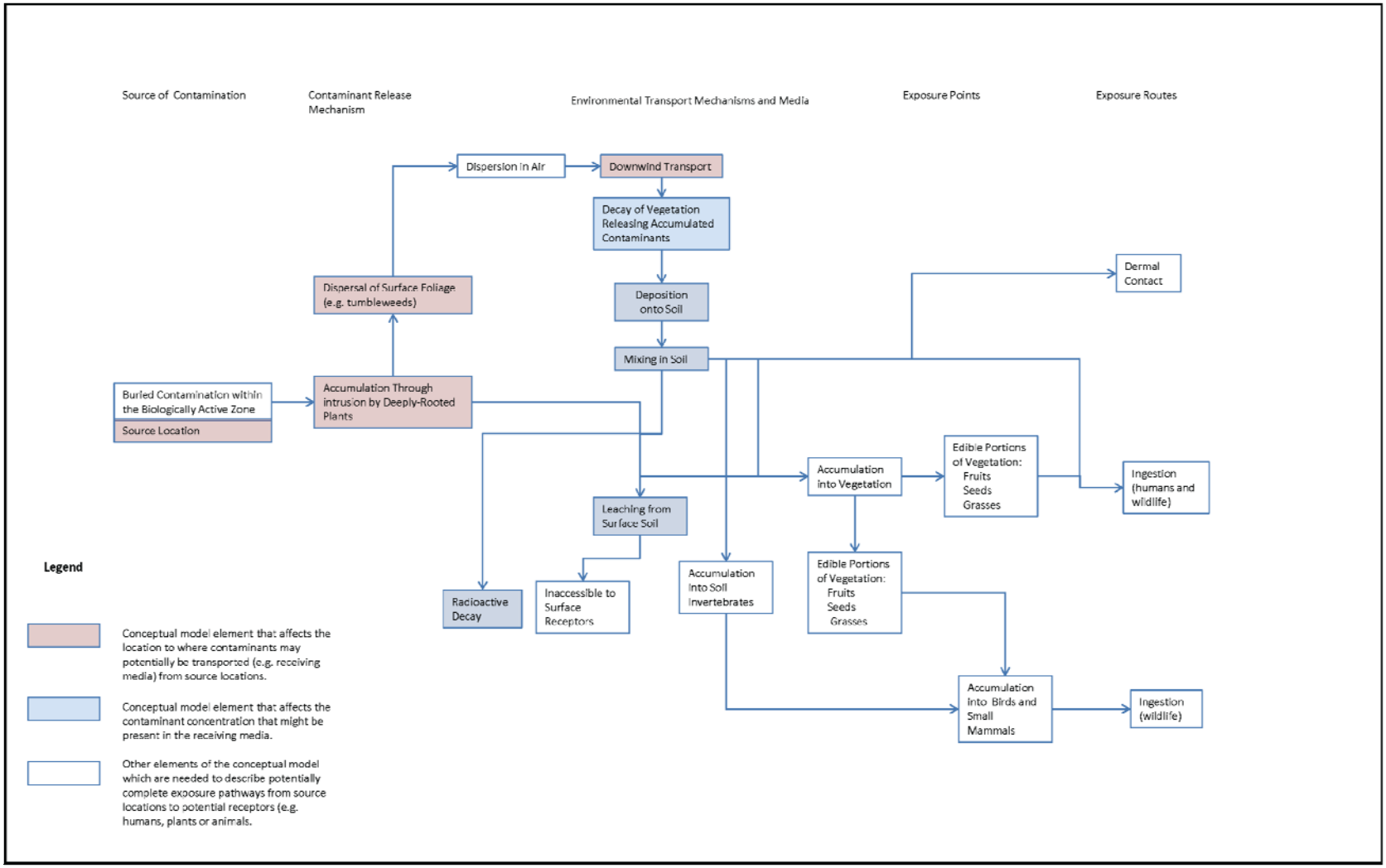

Figure L-4. Nonoperational Area Conceptual Model of Contaminant Fate and Transport Pathways—Transport via Intrusion of Deep-Rooted Plants

Fifteen Hanford Site programs that identify waste sites and/or collect environmental monitoring and surveillance data are listed in Table L-1. In addition, Table L-1 identifies five other sources of information and data applicable to a nonoperational area evaluation. Information and data from these programs were evaluated to identify trends in how hazardous substances or radionuclides may have been transported from operational areas or waste sites to nonoperational areas within the River Corridor. Information from the programs involved with soil, air, or vegetation monitoring, or with radiological control, were of most use in the NPE. The evaluation of the results from these programs as they pertain to the 300 Area is summarized in Section L3.1.

Table L-1. Existing Hanford Site Programs Related to Environmental Data and Monitoring

Ongoing Hanford Site Programs	
Air Emissions Monitoring	Liquid Effluent Monitoring
Ambient Air Monitoring near Hanford Site Facilities and Operations	Sitewide and Offsite Ambient Air Monitoring
Soil Monitoring near Hanford Site Facilities and Operations	Sitewide and Offsite Soil Monitoring
Vegetation Monitoring near Hanford Site Facilities and Operations	Sitewide and Offsite Vegetation Monitoring
Radiological Dose Measurement near Hanford Site Facilities and Operations	Radiological Surface Surveys near Hanford Site Facilities and Operations
Groundwater Monitoring	Radiation Area Remedial Action Project
Waste Information Data System	Spill and Release Reporting
Vegetation Control Activities	
Additional Information and Data Sources	
Aerial Radiological Surveys	River Corridor Baseline Risk Assessment (DOE/RL-2007-21)
Aerial Photography (includes LIDAR)	Emissions Estimation and Dose Assessments Conducted as Part of the Hanford Environmental Dose Reconstruction (HEDR) Project
Hanford Site Background Studies	

L2.3 Statistical Analyses

The statistical analyses focused on:

- Developing and applying a predictive model for waste site locations
- Establishing association between Cs-137 measured directly in soil and high resolution aerial survey results
- Developing a sitewide model of soil Cs-137 using lower resolution sitewide aerial surveys

The results of these analyses were used to model the likelihood of finding previously undiscovered waste sites in the nonoperational areas as a function of man-made and topographic features, and model the potential for radionuclide concentrations (specifically Cs-137) in surface soil to be higher than selected threshold concentrations.

The following subsections describe these lines of investigation. Section L3.2 discusses the results from these analyses.

L2.3.1 Predictive Modeling of Waste Site Locations

The predictive model is based on the conceptual model that waste sites are located in proximity to anthropogenic features such as roads or existing operational areas, or flat or low-lying topography. The distributions of these geographic variables, measured at WIDS sites, were compared with the distribution of the same variables calculated at an unbiased set of locations systematically distributed across the Hanford Site. A quantitative model was developed to show the probability of a waste site being located at any unsampled location within the Hanford Site as a function of these geographic measures. Factors considered in developing geographic variables for known waste sites and sources included distance to operational areas; distance to roads, railroad grades, utility rights of way (e.g., power lines) and roads; and topography, including slope aspect elevation, and curvature. These models were used to rank areas based on the relative probability that a previously undiscovered waste site might exist.

L2.3.2 Aerial Surveys and Soil Radionuclides

Measurements of the presence of radionuclides were available from direct soil measurements, as well as from laterally extensive aerial radiological surveys. Soil measurements were expressed as activities per unit mass (pCi/g), suitable for estimation of exposure for risk assessment, whereas data obtained from aerial surveys were expressed as gross counts for gamma emitting radionuclides. Aerial survey data could be used to estimate exposure if it could be calibrated with soil Cs-137 activity data. Predictive models and maps of the probability that Cs-137 levels would be expected to exceed screening levels could be prepared based on the statistical relationship between soil activity measurements and aerial survey gross counts.

A detailed investigation in the BC Controlled Area (BCCA), which included collecting high-resolution aerial survey data and relatively high-density soil sampling, provided data to perform a detailed geostatistical analysis. The analysis of the BCCA data supported development of a sitewide model based on less resolved, but more laterally extensive, aerial surveys of all of the Hanford Site. The results of the site wide model were used to draw conclusions specific to River Corridor. The results of both analyses support the utility of aerial radiological surveys for estimating concentrations in soil for unsampled areas.

L2.4 Orphan Sites Evaluation

The OSE is a systematic approach to evaluate land parcels in the River Corridor to ensure that all waste sites or releases requiring characterization and cleanup have been identified. Information collected through these evaluations also supports elements of the CERCLA Section 120(h)(4), “Federal Facilities,” “Property Transferred by Federal Agencies,” “Identification of Uncontaminated Property” requirements for review and identification of uncontaminated property at federal facilities. The OSE supplemented past systematic efforts that identified source waste sites, including the TPA-MP-14 (RL-TPA-90-0001, *Tri-Party Agreement Handbook Management Procedures*) discovery process for identifying known and potential waste sites and the CERCLA hazard ranking conducted in 1985 and 1986 to place the Hanford Site on the 40 CFR 300, Appendix B, “National Priorities List,” hereafter referred to as the NPL.

Two of the key elements of an OSE include a historical review and a field investigation. Review of historical information was conducted to identify potential orphan sites and to target areas for further evaluation during the course of conducting the associated field investigation. Historical research focused on identifying specific items or features typically associated with a waste site. The most common features associated with a waste site in reactor areas include drains, cribs, drywells/French drains, burial grounds, pipelines, aboveground and belowground storage tanks, septic systems, drain fields, burn pits, trenches, ditches, pits, spills, sumps, vaults, ash pits, disposal areas, pumps, and buildings and facilities that contain chemicals and radiological contaminants. Information obtained and used in the historical review included the following resource types:

- Maps
- Construction and operations drawings
- Technical and operations documents
- Construction and operations photographs
- Aerial photographs
- Geophysical survey results
- Cleanup verification packages
- Sampling logbooks
- Personnel interviews

Field investigation activities were used to provide another level of assurance by conducting systematic walking surveys to document potential orphan sites and to follow up on potential orphan sites identified from historical review. Three primary tools provided the media to record the information observed in the field including hand-held Trimble GeoXT™ GPS units, digital cameras, and field logbooks. Geophysical survey instrumentation was used to supplement these tools in selected areas of suspect subsurface features identified during the historical review or field investigation.

To ensure a systematic approach for area coverage, standardized 30 × 30 m conceptual grids were established over the investigation areas. The grid and existing known features in the areas were loaded onto the GeoXT GPS units, which were used in the field to monitor progress and record information. Walking surveys were typically performed in pairs with approximately 15 m spacing between individuals. Features encountered during this investigation were recorded using the GPS unit, digital camera, and field logbook.

The field investigation for regions of the River Corridor used a graded approach. High resolution, four-band (red, green, blue, and near-infrared) orthophotography imagery and LIDAR topography data were collected for approximately 57,468 ha (142,000 ac) of the River Corridor in April 2008. The data were collected in the early spring when foliage and undergrowth obscuring the ground surface was at a minimum. The orthophotography and LIDAR data were used to conduct “virtual walkdowns” of the areas. Based on results of these “virtual walkdowns,” areas were selected to conduct walking surveys (30 × 30 m reference grid system). Vehicle surveys along accessible roads and utility easements were also part of the field investigation. In addition, standard walking surveys were conducted throughout the River Corridor along the Columbia River, based on the level of interest in the shoreline area and its inclusion as part of the Hanford Reach National Monument (65 FR 37253, “Establishment of the Hanford Reach National Monument”).

™ Trimble GeoXT is a trademarked product of Trimble Navigation Limited, Sunnyvale, California.

The results from historical research, field walkdowns, GIS mapping and geophysical surveys for the 300 Area are summarized in OSR-2010-0002, *300 Area Orphan Sites Evaluation Report*. The 300 Area OSE encompasses much of the 300-FF-2 OU, including the 300 Area and an expanded field walkdown area primarily to the west. In addition, the 300-FF-1 OU was reevaluated as part of the field walkdown. The total coverage area was approximately 829 ha (2,048 ac). Eighteen orphan features were identified during the 300 Area OSE and submitted for acceptance into WIDS. There were 13 features categorized as miscellaneous restoration items and documented as part of the 300 Area OSE.

The OSE for Segment 5, presented in OSR-2011-0002, *100-F/IU-2/IU-6 Area – Segment 5 Orphan Sites Evaluation Report*, covers the largely non-operational portion of the 300 Decision Area. Historical activities that occurred within this area prior to 1943 (pre-Hanford) consisted of farm/homesteads that were mainly confined to the south end of Segment 5 and near the 300 Area. The remaining portion of Segment 5 consists of mainly dune formations. All railroad features in Segment 5 were constructed after 1943 to support Hanford operations. The Segment 5 area included one 1950s-era historical military radar site (H-43-R) that was located within the current Hanford Patrol Training Area Firing Range, just north of Horn Rapids Road. The Segment 5 area also included one “Arc” road that supported air diffusion experiments that occurred on the Hanford site from 1959 through 1974. Segment 5 contains a number of facilities associated with known Hanford operations. These known operations include the 400 Area (former Fast Flux Test Facility site), Energy Northwest (ENW) nuclear reactor complex, HAMMER and associated Hanford Patrol Training Academy, and two active substations. The 400 Area was previously investigated using the OSE process (OSR-2010-0003, *400 Area Orphan Sites Evaluation Report*), and the remaining areas were excluded from this investigation. Other previously identified WIDS sites associated with Hanford-related activities within the Segment 5 investigation area prior to conducting the OSE included sites such as burial ground sites (618-10 and 618-11 waste sites), debris pits, gravel pits, test burial caissons, demolition sites, soil lysimeters, and a contaminated soil dump (unplanned release). The 618-10 and 618-11 waste sites are associated with the 300-FF-2 OU and were not included as part of this evaluation. The coverage for the Segment 5 OSE includes an area of approximately 14,178 ha (35,033 ac) including approximately 4,222 ha (10,432 ac) that was excluded from the OSE process. The areas excluded include the Hanford Patrol Training Area Firing Range, Energy Northwest, HAMMER, and three active electrical substations (HJ Ashe, White Bluffs, and Benton). One orphan site and 17 miscellaneous restoration features were identified in the OSE for Segment 5.

L3 Evaluation Results

This chapter summarizes the results of the NPE in the 300 Area of the River Corridor based on the approach presented in Chapter L2. The NPE is based on multiple lines of evidence, including the results from surveillance and monitoring programs, and other studies conducted in the River Corridor; the results from statistical analyses performed to identify the potential presence of waste sites and to evaluate the spatial distribution of selected radionuclides in soil; and the results from the OSE.

L3.1 Results from Surveillance and Monitoring Programs

Hanford Site programs, which provided information characterizing conditions in the nonoperational areas in and around the 300 Area, included the soil, air, and vegetation sampling conducted as part of the Near Facility Monitoring program and the SESP. The radiological control program with emphasis on radiological surveys and activities for identifying and controlling biological vectors (biointrusion from plants and animals), and external radiation monitoring conducted as part of the SESP.

Other activities that contribute to characterizing conditions in the nonoperational areas include the waste site discovery process under TPA-MP-14, which results in identified waste sites being inventoried in WIDS and, as discussed in Section K3.3, the OSE. Historically, interim actions conducted under the Radiation Area Remedial Action (RARA) project contributed to stabilizing and controlling releases from waste sites. The results from these programs have been discussed using the framework of the conceptual model described in Section L2.1.

L3.1.1 Anthropogenic Disposal Activities

Past and present investigation activities provide confidence that waste site locations within the River Corridor are known. Waste site identification activities in the River Corridor fall into two categories: systematic and observational. Various systematic programs have been conducted at different times since the beginning of Hanford Site transition from production to cleanup in the 1980s, with the most recent being the OSE program that was initiated in 2004 (Section KL.3). An inventory of known and potential waste sites has been maintained in the WIDS database since the early 1980s, and is continually maintained through the TPA-MP-14 discovery process. Between 1985 and 1988, preliminary assessment/site inspection activities were completed to identify waste sites and prioritize the relative hazards. Waste disposal information was collected through exhaustive reviews of literature and maps, employee interviews, and visual inspection of all sites and unplanned releases. Results were organized and sites were ranked with respect to potential environmental impacts in accordance with a slightly modified version of the CERCLA hazard ranking system. The results from this process provided information to support addition of the 100 and 300 Areas to the NPL and subsequent listing of waste sites in Appendix C of the *Hanford Federal Facility Agreement and Consent Order* (Ecology et al., 1989).

A variety of characterization activities conducted as part of the RI/FS process has further characterized potential release and disposal activities in the 100 Area. These historical activities are summarized in the 300 Area RI/FS Work Plan (DOE/RL-2009-30).

L3.1.2 Windblown Dust Emissions

Emission sources, which could release contaminants through windblown dust, are described variously as “fugitive,” “diffuse,” or “nonpoint” emissions sources (DOE/RL-2010-17, *Radionuclide Air Emissions Report for the Hanford Site, Calendar Year 2009*). The Hanford Site consists of 1,518 km^2 (586 mi^2) of semiarid shrub-steppe land, of which approximately 6 percent (about 83 km^2 [32 mi^2], or 8,909 ha [20,000 ac]) has been actively disturbed or actively used. This 6 percent of land is distributed into large operational and support areas where almost all fugitive emissions sources are located: the 100, 200 (which include 200 East and 200 West), 300, and 400 Areas.

The potential for fugitive dust emissions from waste sites (prior to their cleanup) is generally characterized as occurring subsequent to erosion of soil covers or plant or animal biointrusion, which may expose erodible material containing concentrations of radionuclides. Contaminated areas posted as Radiologically Controlled Areas or Soil Contamination Areas also could contain erodible material that is radiologically contaminated, and that could produce fugitive emissions from resuspension of windblown dust (DOE/RL-2010-17, *Radionuclide Air Emissions Report for the Hanford Site, Calendar Year 2009*).

The RARA program is responsible for the interim stabilization, surveillance, and maintenance of the inactive waste sites at the Hanford Site. Interim stabilization measures to control fugitive dust have historically been performed on inactive waste sites prior to their cleanup. Stabilization measures included consolidation of surface contamination within the waste site from which it originated, then covering the waste with a layer of soil or other material (such as cobbles). Waste sites were then revegetated or treated as needed with a nonselective herbicide. Following stabilization, quarterly surveillance, annual radiological surveys, annual herbicide applications, removal of deep-rooted vegetation, and occasional

corrective action for small areas of surface contamination that appeared continued. Interim stabilization reduced sources of windblown dust potentially originating from contaminated soils.

The potential magnitude of windblown dust transport can be evaluated from the frequency of restrictions to visibility and ambient air monitoring for particulate matter and radionuclides in air. Dust, blowing dust, and smoke from field burning are described as phenomena causing restrictions to visibility (i.e., visibility less than or equal to 9.6 kg [6 mi]). Reportedly, there are few such days at Hanford (PNNL-6415, *Hanford Site National Environmental Policy Act (NEPA) Characterization*). Particulate air monitoring shows that annual average PM_{10} (particulate matter finer than 10 cm in diameter) concentrations at the Hanford Meteorological Station are similar to PM_{10} concentrations at the Benton Clean Air Authority station located in Kennewick.

L3.1.3 Stack Emissions

Radionuclide emissions formerly from stacks in the 200 and 100 Areas had the potential to impact the River Corridor through deposition from the air. Based on studies conducted as part of the Hanford Environmental Dose Reconstruction (HEDR) project, most of the emissions occurred between 1944 and 1972 from facilities in the 200 Area that separated plutonium and uranium from irradiated reactor fuel (Heeb, 1994, *Radionuclide Releases to the Atmosphere from Hanford Operations, 1944-1972*). The largest releases from these facilities occurred in 1945, before effective collection devices were installed ahead of the stacks to prevent the discharge of volatile and particulate radionuclides. Most of the inventory emitted consisted of gaseous and/or short-lived radionuclides, which would be unlikely to result in measurable concentrations in soil in Hanford Site nonoperational areas. The nine production nuclear reactors in the 100 Area had stacks to exhaust ventilation air from the working areas of the reactor facilities. These were minor sources of emissions compared to the 200 Area facilities. No significant stack releases from 300 Area operations were reported in the documents that evaluated soil sampling and monitoring. The 300 Area primarily supported fuel fabrication processes and research activities that were not expected to have contributed to radioactive airborne emissions released on the Hanford Site (DOE/RL-2005-49, *RCBRA Stack Air Emissions Deposition Scoping Document*).

Releases of long-lived radionuclides, including Am-241, Cs-137, I-129, Sr-90, Pu-238, Pu-239/240, and Pu-241, from the 200 East and 200 West Areas major stacks, were a very small fraction of the total inventory emitted into the air. A review of dose reconstruction information indicates that most of the total releases of long-lived radionuclides consist of Cs-137 and Sr-90 with a minor contribution of the other radionuclides.

Potential long-term impacts from these emissions within the Hanford Site have been assessed through air and soil sampling conducted as part of the Near Facility Monitoring and SESP programs (2009 Sitewide Environmental Report [PNNL-19455]). Near-facility ambient air monitoring was conducted in 2007, 2008, and 2009 at seven locations in the 300 Area, for gross alpha, gross beta, and Pu and U isotopes. U-234 and U-238 were the only radionuclides detected consistently in the 300 Area near-facility air samples. These detected concentrations did not approach EPA's action levels for compliance with the radionuclide NESHAPS (PNNL-17603, *Hanford Site Environmental Report for Calendar Year 2007*; PNNL-18427, *Hanford Site Environmental Report for Calendar Year 2008*; 2009 Sitewide Environmental Report [PNNL-19455]). In 2007, Sr-90 was detected in one near-facility sampler at a concentration elevated above historic levels, but less than 10 percent of the EPA action levels in air (based on 10 mrem/yr) for compliance with the radionuclide NESHAPS (PNNL-17603, *Hanford Site Environmental Report for Calendar Year 2007*). The Annual Environmental Reports state that in general, air samples collected from locations at or directly adjacent to Hanford Site facilities had higher radionuclide concentrations than samples collected farther away. However, reported concentrations fall below the EPA action levels in air (based on 10 mrem/yr) for compliance with the radionuclide

NESHAPs. Direct measurements of gamma dose made at this station with a thermoluminscent detector since 1970 have shown background levels of radioactivity. The Annual Environmental Reports describe the general trends in radionuclide concentrations measured in soil. While concentrations at some near-facility sampling locations are higher than offsite locations, average concentrations are low and show no changes in trends over several years (2009 Sitewide Environmental Report [PNNL-19455]). In general, concentrations of sampled radionuclides, including Cs-137, Sr-90, Pu-239/240, U-235, and U-238, resemble Hanford Site background concentrations in soil.

L3.1.4 Overland Flow

The Hanford Site is in a semiarid region and thus experiences many dry periods. January, March, and December are the only months that have always received measurable precipitation, reported from 1946 through 2004. Normal annual precipitation at the Hanford Site is 17.7 cm (6.98 in.) (PNNL-15160, *Hanford Site Climatological Summary 2004 With Historical Data*). In the Hanford semiarid climate, precipitation is balanced by evaporation, transpiration, and vegetative uptake such that substantial overland flow from precipitation is an unlikely occurrence.

A more likely source for overland flow is historical spills or releases from liquid waste disposal facilities during active operational periods. Liquid effluents generated as a direct result of reactor operations consisted primarily of reactor cooling water, fuel storage basin water, and decontamination solutions.

Leaks are more likely to have occurred from the liquid waste disposal sites in the 100 Area that resulted in overland flow are described in the report of the 1975 sampling event (UNI-946, *Radiological Characterization of the Retired 100 Areas*). In general, these leaks were infrequent, well-documented, and resulted in localized contamination around the periphery of the disposal sites. The leaks have been characterized historically or as part of the current RI/FS process. The majority has been cleaned up and interim closed out in accordance with the interim action RODs. The identification of leaks or spills from waste sites also is incorporated into the procedure for maintaining WIDS in accordance with TPA-MP-14. Based on the available information, overland flows from liquid waste disposal facilities are limited in lateral extent, and unplanned liquid release sites are identified through existing programs such as WIDS. The factors considered in this evaluation indicate that contamination in nonoperational areas through overland transport is unlikely to occur.

L3.1.5 Biointrusion

Biointrusion episodes in the 300 Area have not been described in radiological survey reports for the past three years. Radiological surveillance monitoring or vegetation sampling conducted as part of the Near-Facility Monitoring Program (2009 Sitewide Environmental Report [PNNL-19455]) has not identified contaminated vegetation episodes around the 300 Area.

L3.2 Statistical Evaluations

The statistical evaluations provide estimates of the likelihood of finding previously undiscovered waste sites in the nonoperational property areas and the potential for exposure to Cs-137 exceeding selected threshold concentrations in surface soils.

L3.2.1 Relative Probability of Missing an Existing Waste Site

Known waste sites have largely been located in proximity to anthropogenic features and relatively particular topographic conditions. For example, most waste sites found to date tended to be close to roads, in low-lying areas such as ditches or ponds, or proximate to operational areas. The spatial distributions of these geographic variables, measured at known WIDS sites, were compared with the distribution of the same variables calculated at an unbiased set of locations systematically distributed across the Hanford

Site. A statistical relationship was established to rank the likelihood that an available location might contain a previously unknown waste site. Logistic regression was used to develop the statistical relationship between waste site locations and geographic variables.

Factors considered in developing geographic variables expected to predict locations of known waste sites and sources included: distance to operational areas; distance to roads, railroad grades, lakes, streams, utility rights-of-way (e.g., power lines); and topography.

The geographic characteristics of the known waste sites were investigated to determine if their locations exhibited predictable spatial patterns. The purpose of this analysis was to develop a quantitative predictive model describing relationships so that areas within the River Corridor could be prioritized based on the relative probability that a previously unidentified waste site might be present. This analysis does not provide an absolute probability that a waste site exists, but rather provides a relative probability that allows locations to be ranked to identify the more likely location for a waste site—after all there may be no additional waste sites in the River Corridor that have not been found. The predictive model provides direction to the most likely places for a waste site to occur if indeed one exists.

The predictive model was developed based on a set of known waste site locations obtained from WIDS (referred to as a “training set”). The results of this model were used to predict the relative probability of encountering a potential waste site at areas that had may not have been investigated in the field. This provided a ranking of locations within the NP that could then be investigated in the field, compared with previous field or desktop investigation results to determine the potential that additional previously undetected waste sites may remain within the NP. In the River Corridor area, the modeled predictions were compared with information generated from the OSE. The modeled predictions were compared with miscellaneous remediation points and waste site points observed during observations of aerial photography and LIDAR imagery, field walkdowns and vehicular road surveys conducted as part of the OSE. These comparisons provided independent validation of the predictive model.

The waste site probability map is plotted in Figure L-5 showing all of the 300 Area with an inset map for the area surrounding the FFTF-Reactor. The probability model plotted in the 300 Area illustrates the dependence of modeled probability of finding a waste site on proximity to and density of local road networks. The map also shows some road highlighted with heavy red solid lines indicating that road surveys were conducted in these areas as part of the OSE. Road surveys were also conducted in the other decision units but do not stand out as prominently in previous figures. A more complete discussion of these road surveys will follow in subsequent sections.

Ground surveys were conducted near the FFTF area as indicated by the red dashed line. It can be seen that no MR or waste-site points were identified in this area, and it can be seen that the probability of identifying waste sites in this area was extremely low, primarily due to the lack of secondary roads from which to access the area. The inset shows that the probability levels are higher in and around the FFTF buildings and some waste site points are located in this area. Nearly all of these locate openings for French drains.

Figure L-6 shows a close-up view of the 300 Area Industrial Complex. This area contained a large number of known waste sites and was predicted to be a likely area to find additional waste sites. It can be seen that as predicted many waste site points were found in this area. It can also be seen that the boundaries of the field walkdown efforts fully contained all of the areas predicted to contain additional waste sites. Areas outside the field walkdown polygons were inspected using aerial photography and LIDAR as well as road surveys (heavy red solid lines) and no additional MR points or waste site points were identified in this area.

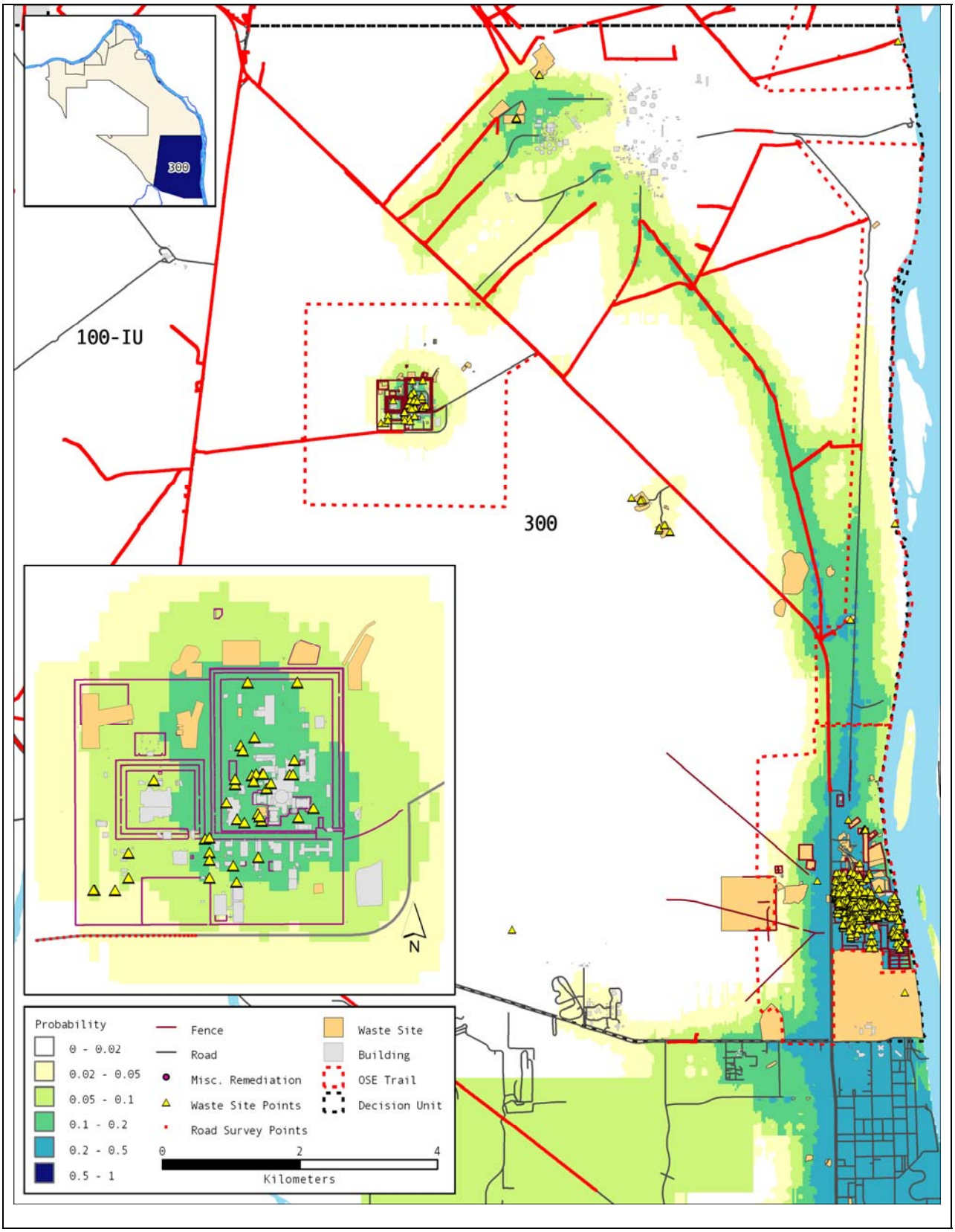

Figure L-5. Relative Probability of Waste Site Locations in the 300 Decision Area

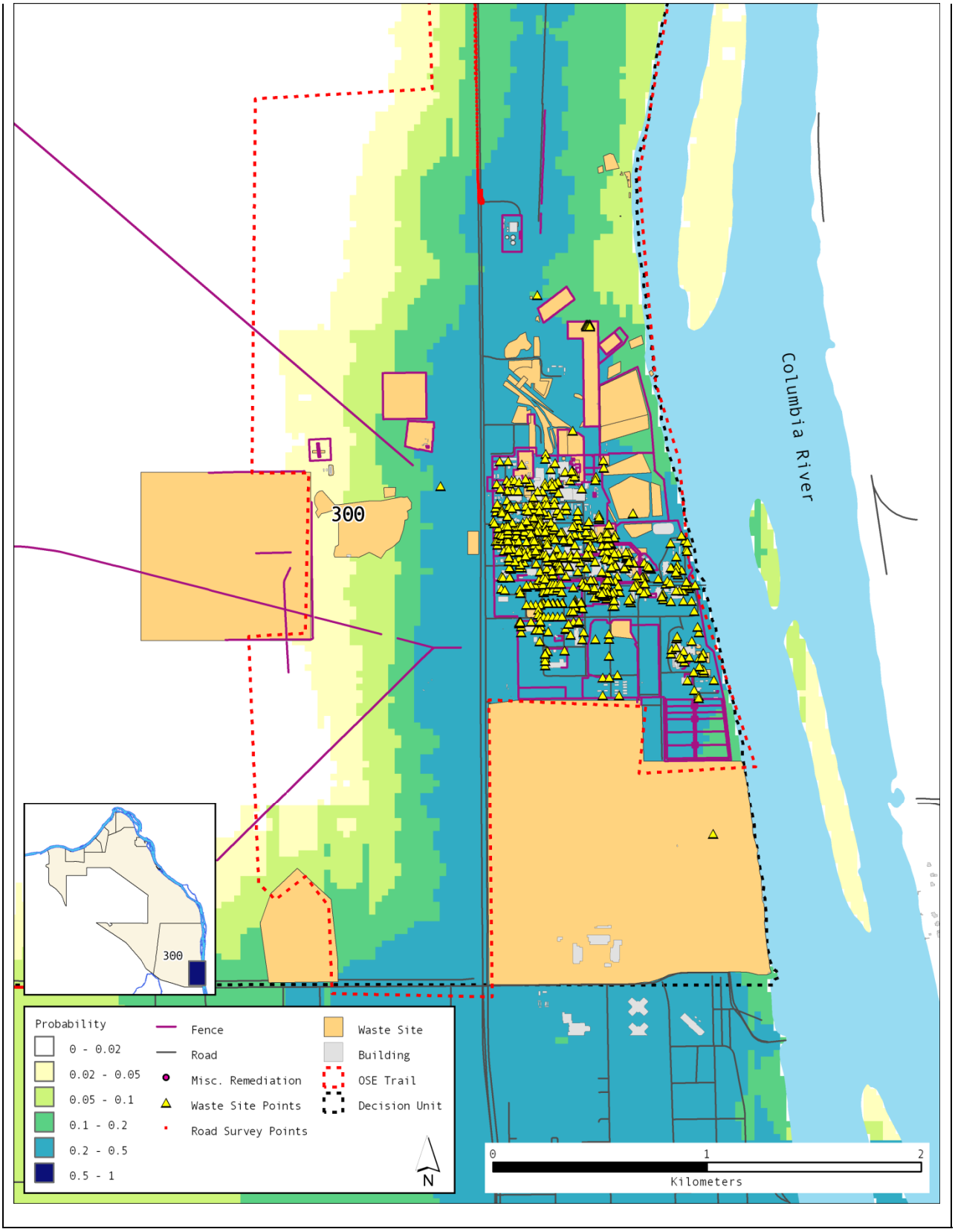

Figure L-6. Relative Probability of Waste Site Locations in the 300 Area Industrial Complex (South)