



MW-E  
Water Surface El. = 2133.59'

MW-D  
Water Surface  
El. = 2127.50'

MW-C  
Water Surface  
El. = 2127.00'

MW-B  
Water Surface  
El. = 2127.00'

MW-F  
Water Surface  
El. = 2126.97'

MW-A  
Water Surface  
El. = 2127.00'

LL-1

LL-2

REPOSITORY FOOTPRINT

EXIT 39 OVERPASS

CANYON ROAD

I-90

**LEGEND**

- ◆ GROUNDWATER MONITORING WELL
- ⊗ DATALOGGER LOCATION

PROJECT NO.: 2010-5240-20		FILE NAME: groundwater_nov09.dwg	
SCALE: 1"=350' (8.5x11 PRINT)		SHEET: 1 OF 1	
DRAWN BY: C. HALEY		DATE: 12/23/2009	
ENGINEER: S. BARKER		DATE:	
NO. DATE REVISIONS BY		EAST MISSION FLATS CATALDO, ID	
		<b>FIGURE 2</b>	
		GROUNDWATER LEVEL ELEVATIONS AND CONTOURS	
		 <b>TerraGraphics</b> Environmental Engineering, Inc.	

**Table 2  
Groundwater Monitoring Results  
Dissolved Metals  
East Mission Flat Repository**

All results in milligrams per liter (mg/L)

Well No.	Sample Date	Constituents				
		Antimony	Arsenic	Cadmium	Lead	Zinc
MW-A	11 Dec 07	ND <sup>1</sup>	ND	0.000578J	ND	0.347J
	25 Feb 08	ND	ND	0.0012	ND	1.71J
	3-Jun-08	ND	ND	0.000763	ND	0.582
	19-Aug-08	ND	ND	0.000321	ND	0.683
	10-Nov-08	ND	ND	ND	ND	0.353
	4-Feb-09	ND	ND	0.000777	ND	0.898
	7-May-09	ND	ND	0.000382	ND	0.753
	10-Aug-09	ND	ND	0.000204	ND	0.558
	11-Nov-09	ND	ND	ND	ND	0.368
	MW-B	10 Dec 07	ND	ND	ND	ND
25 Feb 08		ND	ND	ND	ND	0.0198J
3-Jun-08		ND	ND	ND	ND	0.0208
19-Aug-08		ND	ND	ND	ND	0.0244
10-Nov-08		ND	ND	ND	ND	0.0197
4-Feb-09		ND	ND	ND	ND	0.021
7-May-09		ND	ND	ND	ND	0.0168
10-Aug-09		ND	ND	ND	ND	0.0160
11-Nov-09		ND	ND	ND	ND	0.0264
MW-C		10 Dec 07	ND	ND	0.0013J	ND
	25 Feb 08	ND	ND	0.00318	ND	2.24J
	3-Jun-08	NS <sup>4</sup>	NS	NS	NS	NS
	19-Aug-08	ND	ND	0.00111	ND	1.34
	10-Nov-08	ND	ND	0.000522	ND	1.57
	3-Feb-09	ND	ND	0.00354	ND	1.67
	7-May-09	NS	NS	NS	NS	NS
	10-Aug-09	ND	ND	0.00229	ND	1.45
	11-Nov-09	ND	ND	0.00144	ND	2.03
	MW-D	10 Dec 07	ND	ND	ND	ND
25 Feb 08		ND	ND	ND	ND	0.0285J
3-Jun-08		NS	NS	NS	NS	NS
19-Aug-08		ND	ND	ND	ND	1.32
10-Nov-08		ND	ND	ND	ND	0.0794
3-Feb-09		ND	ND	ND	ND	0.0531
7-May-09		NS	NS	NS	NS	NS
11-Aug-09		ND	ND	ND	ND	0.0918
11-Nov-09		ND	ND	ND	ND	0.103
MW-E		10 Nov 08	ND	0.0148	ND	ND
	3-Feb-09	ND	ND	ND	ND	ND
	7-May-09	ND	0.00350	ND	ND	0.00889
	11-Aug-09	ND	0.0195	ND	ND	0.00848
	11-Nov-09	ND	0.0232	ND	ND	0.00671
MW-F	11-Nov-08	ND	ND	0.0002	ND	1.58
	3-Feb-09	ND	ND	0.000304	ND	1.16
	7-May-09	ND	ND	0.000258	ND	1.32
	10-Aug-09	ND	ND	0.000230	ND	1.12
	11-Nov-09	ND	ND	0.000464	ND	2.53
Reporting Limit		0.003	0.003	0.0002	0.003	0.005 <sup>5</sup>
Regulatory Threshold		0.006 <sup>2</sup>	0.01 <sup>2</sup>	0.005 <sup>2</sup>	0.015 <sup>2</sup>	5.0 <sup>3</sup>

**Notes**

1. ND - Not detected above method reporting limit
2. MCL - Maximum Contaminant Level
3. NSDWR - National Secondary Drinking Water Regulation
4. NS - Not sampled due to high surface water level at well location
5. Reporting Limit (RL) baseline provided; however, RL is higher if a sample dilution is necessary
- J - Reported concentration an estimate based on data quality review

= Value exceeds MCL