



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		FIGURE 2	
NO. DATE REVISIONS BY		GROUNDWATER LEVEL ELEVATIONS AND CONTOURS	
		EAST MISSION FLATS	
		CATALDO, ID	
		 <b>TerraGraphics</b> Environmental Engineering, Inc.	

**LEGEND**

- GROUNDWATER MONITORING WELL
- ⊗ DATALOGGER LOCATION

**Table 2**  
**Groundwater Monitoring Results**  
**Dissolved Metals**  
**East Mission Flats 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
	25-Feb-10	ND	ND	0.000208	ND	0.657
	19-May-10	ND	ND	0.000225	ND	0.568
	25-Aug-10	ND	ND	0.000210	ND	0.580
	16-Nov-10	ND	ND	ND	ND	0.544J
	10-Feb-11	ND	ND	0.00039	ND	1.220J
	6-Jul-11	ND	0.0073J	0.00063	ND	1.380
MW-B	10 Dec 07	ND	ND	ND	ND	0.0243J
	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	0.016
	11-Nov-09	ND	ND	ND	ND	0.0264
	25-Feb-10	ND	ND	ND	ND	0.0153
	19-May-10	ND	ND	ND	ND	0.0157
	25-Aug-10	ND	ND	ND	ND	0.0157
	16-Nov-10	ND	ND	ND	ND	0.0187J
	10-Feb-11	ND	ND	ND	ND	0.0091J
	6-Jul-11	ND	0.0077J	ND	ND	0.0126
MW-C	10 Dec 07	ND	ND	0.0013J	ND	1.45J
	25 Feb 08	ND	ND	0.00318	ND	2.24J
	3-Jun-08	NS <sup>2</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
	25-Feb-10	ND	ND	0.00326	ND	2.02
	19-May-10	ND	ND	0.00346	ND	2.00
	25-Aug-10	ND	ND	0.00364	ND	1.86
	16-Nov-10	ND	ND	0.0029	ND	1.930J
	10-Feb-11	NS	NS	NS	NS	NS
	6-Jul-11	NS	NS	NS	NS	NS

Well No.	Sample Date	Constituents				
		Antimony	Arsenic	Cadmium	Lead	Zinc
MW-C Deep	25-Feb-10	ND	ND	ND	ND	0.0113
	19-May-10	ND	ND	ND	ND	ND
	25-Aug-10	ND	ND	ND	ND	0.0317
	16-Nov-10	ND	ND	ND	ND	0.0216 <b>J</b>
	10-Feb-11	NS	NS	NS	NS	NS
	6-Jul-11	NS	NS	NS	NS	NS
MW-D	10 Dec 07	ND	ND	ND	ND	0.0326 <b>J</b>
	25 Feb 08	ND	ND	ND	ND	0.0285 <b>J</b>
	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
	25-Feb-10	ND	ND	ND	ND	0.0352
	19-May-10	ND	ND	ND	ND	0.105
	25-Aug-10	ND	ND	ND	ND	0.109
	16-Nov-10	ND	ND	ND	ND	0.0563 <b>J</b>
	10-Feb-11	ND	ND	ND	ND	0.127 <b>J</b>
6-Jul-11	NS	NS	NS	NS	NS	
MW-E	10 Nov 08	ND	0.0148	ND	ND	0.0141
	3-Feb-09	ND	ND	ND	ND	ND
	7-May-09	ND	0.0035	ND	ND	0.00889
	11-Aug-09	ND	0.0195	ND	ND	0.00848
	11-Nov-09	ND	0.0232	ND	ND	0.00671
	25-Feb-10	ND	ND	ND	ND	0.00599
	19-May-10	ND	0.00447	ND	ND	0.00633
	25-Aug-10	ND	0.0172	ND	ND	0.00687
	16-Nov-10	ND	0.0177	ND	ND	0.0069 <b>J</b>
	10-Feb-11	ND	ND	ND	ND	ND
6-Jul-11	ND	0.0074 <b>J</b>	ND	ND	0.0048 <b>J</b>	
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	0.00023	ND	1.12
	11-Nov-09	ND	ND	0.000464	ND	2.53
	25-Feb-10	ND	ND	0.000947	ND	3.82
	19-May-10	ND	ND	0.00132	ND	4.47
	25-Aug-10	ND	ND	0.000436	ND	1.93
	16-Nov-10	ND	ND	ND	ND	3.370 <b>J</b>
	10-Feb-11	ND	ND	0.00045	ND	1.840 <b>J</b>
6-Jul-11	ND	0.0056 <b>J</b>	ND	ND	0.976	

Well No.	Sample Date	Constituents				
		Antimony	Arsenic	Cadmium	Lead	Zinc
Decon	16-Nov-10	ND	ND	ND	ND	0.504 $J$
	10-Feb-11	NS	NS	NS	NS	NS
	6-Jul-11	ND	0.0068 $J$	ND	ND	0.407
Reporting Limit		0.003	0.003	0.0002	0.003	0.0053
Regulatory Threshold		0.006 <sup>4</sup>	0.01 <sup>4</sup>	0.005 <sup>4</sup>	0.015 <sup>4</sup>	5.0 <sup>5</sup>

**Notes**

1. ND - Not detected above method reporting limit
  2. NS - Not sampled; see text for explanation.
  3. Reporting Limit (RL) baseline provided; however, RL is higher if a sample dilution is necessary
  4. MCL - Maximum Contaminant Level
  5. NSDWR - National Secondary Drinking Water Regulation
- J** - Reported concentration an estimate based on data quality review

= Value exceeds MCL