



ENERGY AND ENVIRONMENT CABINET

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Governor

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Department for Environmental Protection
Division of Waste Management

Maxey Flats Project
2597 Maxey Flat Rd.
Hillsboro, KY 41049
606-784-6612

August 6, 2008

Ms. Pam Scully
SRPM, Kentucky/Tennessee Section
North Site Management Branch
Waste Management Division
USEPA-Region IV
Sam Nunn Atlanta Federal Center Tower
61 Forsyth Street, SW
Atlanta, GA 30303-8960

Subject: Maxey Flats Disposal Site
2008 Semi-Annual Report

Dear Ms. Scully:

The Commonwealth of Kentucky hereby submits the Semi-Annual Report for 2008 to fulfill the requirements of Section 4.0 of the Performance Standard Verification Plan (PSVP). Copies are being distributed, under this cover, as indicated below.

If you have any questions, please contact me at (606)784-6612.

Sincerely,

A handwritten signature in blue ink, appearing to read "Scott Wilburn".

Scott Wilburn
Environmental Control Supervisor
Maxey Flats Project

c: Derek Matory, USEPA
Jon Richards, USEPA
Vijendra Kothari, USDOE
Michelle Miller, Stoller Corp.
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Maxey Flats Project (MFP) Semi-annual Report

Reporting Period: January 2008 – June 2008

Monitoring Results

This section covers tasks performed during this reporting period to comply with the Interim Maintenance Period Work Plan (IMP) that includes the Performance Standard Verification Plan (PSVP) and the Operation and Maintenance Summary Requirement (O&M).

Surface Water (PSVP 3.1.2)

Surface water sampling for locations 102D, 103E, 106, C107, 122A, 122C, 143, and 144 is performed using automatic sequential samplers that collect a daily composite sample. The sampler located at the East Detention Basin (EDB) collects samples based on a 15 minute rain event with the intensity to produce a total rainfall in excess of 2.8 inches during a twenty-four period. This method has not proven effective in evaluating the precipitation runoff from the restricted area. A comparison method is being explored to allow for an evaluation of precipitation released from the restricted area.

A total of 1,518 surface water samples have been collected and analyzed for tritium during this period with no anomalous data reported. Table 1 contains a summary of the data obtained during this reporting period.

Alluvial Wells (PSVP 3.1.2.2)

As of October 2007 the Maxey Flats Project staffed took over sampling duties of the alluvial wells from USGS. Upon completion of the US EPA five year review in September 2007 the alluvial well sampling criteria was reduced. Current sampling includes annual samples from AW-6, 10 and 12 and quarterly sampling of AW-1A and 7. For this reporting period no location exceeded tritium analysis of 6 pCi/ml; this is compared to drinking water standard of 20 pCi/ml.

Monitoring Wells

USGS staff members completed USGS monitoring well measurements and sampling in January and April. Fifteen monitoring wells are measured quarterly with select wells sampled on a semi-annual basis. Table 2 contains a summary of the data obtained during this reporting period.

Trench Leachate Management (PSVP 2.3)

Trench sump liquid levels are obtained in accordance with the PSVP, Section 2.3 Sump Measurements and Tech Change III and the Second Five Year Review. First semiannual measurements were obtained in April. Table 3 contains the liquid level measurements from both events. The data indicates the levels overall are remaining constant excluding sump 7-4.

Sump 7-4 has exceeded 50% of freeboard. This has been reported verbally to US EPA and an investigation has been initiated. Results of the investigation will be summarized and presented to EPA upon completion of the investigation.

Subsidence Monitoring (PSVP 2.2)

During this reporting period three specific areas have been monitored for subsidence. These areas are Trench 37, Trench 32 and Access Road/Trench 30 (lake sepeda). During June's Monthly Inspection the subsidence over Trench 37 was determined to exceed IMP Work Plan Subsidence criteria. Repair of this subsidence will occur as soon as practical.

The field portion of the annual subsidence survey was completed by Curd and Newton Engineering during June. Results are expected early next month. Six additional locations for subsidence monitoring were added this year to ensure subsidence evaluation is accurate. The six additional locations were chosen in areas that appear to be subsiding.

Erosion Monitoring (PSVP 2.1)

Table 4 contains data obtained from surveys performed by USGS staff. The monitoring continues to indicate no acute or significant erosion.

Inspections, Maintenance and Repair Activities Relative to the IRP

Inspections

Inspections were conducted in accordance with the Operations and Maintenance Requirements Summary (O&M), Appendix B. This includes: (26) Weekly/Daily Inspections, (12) Twice-a-Month Inspections, (6) Monthly Inspections, (2) Quarterly Inspections, (1) Semi-annual Inspection and (1) Annual Inspection.

Maintenance

This section covers the maintenance of the geo-membrane liner, headwalls, drainage channels, diversion berms, interior anchor trenches, perimeter, and anchor trench, articulating block system, emergency spillway at the northeast corner, east detention basin, southeast cap and general site components.

The main items requiring attention were leaf removal from headwall inlets, weed control within the AB-mats and the washout at Y-channel. The Y-channel washout resulted from two separate rain events.

Repairs

A total of 89 repairs were made to the geomembrane liner during this reporting period. Twenty-three repairs were of field seams with the remainder being holes or tears. A quality control check was performed on each of the repaired sections.

Reporting

All validated sampling data acquired on site has been forwarded to United States Environmental Protection Agency (USEPA), Project Coordinator for the Steering Committee, United States Department of Energy (USDOE) and the Commonwealth.

Conclusion

There was no anomalous data reported during this period from 1,895 analyzed samples. The data indicates that the Maxey Flats Project is causing a minimal impact of human health and the environment.

Table 1
Surface Water Data
2008

Location	Minimum Activity (pCi/ml)	Date	Maximum Activity (pCi/ml)	Date	Average Activity (pCi/ml)	Sampling Period
ISCO 122A	-1.08	5/23/08	0.44	6/18/08	-0.19	1/1-6/30/08
ISCO 106	0.18	6/29/08	9.96	5/28/08	3.81	1/1-6/30/08
ISCO 122C	-0.28	5/22/08	2.73	1/23/08	0.86	1/1-6/30/08
ISCO 102D	-0.41	5/28/08	2.25	4/22/08	0.58	1/1-6/30/08
ISCO 103E	-0.24	2/23/08	3.06	2/15/08	0.64	1/1-6/30/08
ISCO EDB	-0.51	5/11/08	0.65	3/27/08	0.09	1/1-6/30/08
ISCO 143	-1.17	6/29/08	0.37	5/16/08	-0.15	1/1-6/30/08
ISCO 144	1.14	6/27/08	122.55	4/24/08	46.94	1/1-6/30/08
ISCO C107	2.03	2/6/08	32.57	5/4/08	11.48	1/1-6/30/08

Table 2
USGS Monitoring Well Data
2008

Well ID	Ground Level to Bottom (ft)	Ground Level to Liquid (ft) 1/24/08	Ground Level to Liquid (ft) 4/24/08	Tritium Activity April 2008 (pCi/ml)
ESI-1	22.13	4.62	5.80	<i>measurement only</i>
ESI-2	14.67	11.98	11.84	<i>measurement only</i>
ESI-4	24.48	12.51	12.40	<i>measurement only</i>
ESI-5	22.87	13.46	13.33	<i>measurement only</i>
ESI-12	38.92	18.89	19.07	<i>measurement only</i>
ESI-19	19.52	14.40	14.22	<i>measurement only</i>
ESI-20		101.81	101.80	<i>measurement only</i>
N2B	9.75	9.32	9.15	23,576 +/- 10
UE-2	15.60	14.49	14.32	358,390 +/- 39
UE-11	16.70	14.59	14.34	<i>measurement only</i>
UF-1	18.20	13.98	14.27	<i>measurement only</i>
UF-2	13.15	10.46	10.35	185,175 +/- 28
UF-5	17.50	7.19	5.42	<i>measurement only</i>
UF-10a		28.57	28.27	34,078 +/- 12
UF-37	21.90	12.61	13.12	<i>measurement only</i>
UF-45	18.90	14.89	14.70	<i>measurement only</i>
UK-1	12.60	10.72	10.61	90,702 +/- 20

**Table 3
Trench Sump Leachate Measurements
2007-2008**

SUMP ID	Top of Casing to Bottom (ft)	Elevation Top of Casing (ft)	Elevation to Bottom (ft)	Top of Casing to Liquid (ft)		
				Apr-07	Oct-07	Apr-08
1-2	21.70	1056.17	1034.47	19.48	19.52	19.60
			Elevation at Liquid	1036.69	1036.65	1036.57
			Feet of liquid in sump	2.22	2.18	2.10
2-6	26.30	1057.55	1031.24	20.28	20.48	20.19
			Elevation at Liquid	1037.27	1037.07	1037.36
			Feet of liquid in sump	6.02	5.82	6.11
3-2	24.30	1059.50	1035.18	22.69	22.65	23.03
			Elevation at Liquid	1036.81	1036.85	1036.47
			Feet of liquid in sump	1.61	1.65	1.27
3-4	18.00	1054.41	1036.96	16.02	15.95	16.07
			Elevation at Liquid	1038.39	1038.46	1038.34
			Feet of liquid in sump	1.98	2.05	1.93
7-4	15.80	1052.41	1036.70	9.46	9.27	7.92
			Elevation at Liquid	1042.95	1043.14	1044.49
			Feet of liquid in sump	6.34	6.53	7.88
7-5	22.40	1057.98	1035.40	19.55	19.60	19.78
			Elevation at Liquid	1038.43	1038.38	1038.20
			Feet of liquid in sump	2.85	2.80	2.62
7-7	23.20	1059.12	1036.22	20.49	20.57	20.71
			Elevation at Liquid	1038.63	1038.55	1038.41
			Feet of liquid in sump	2.71	2.63	2.49
10-7	29.20	1060.30	1028.82	27.47	27.45	27.39
			Elevation at Liquid	1032.83	1032.85	1032.91
			Feet of liquid in sump	1.73	1.75	1.81
10-8	29.20	1058.70	1030.48	27.71	27.71	27.68
			Elevation at Liquid	1030.99	1030.99	1031.02
			Feet of liquid in sump	1.49	1.49	1.52
10-9	27.70	1054.90	1027.20	24.94	24.84	24.73
			Elevation at Liquid	1029.96	1030.06	1030.17
			Feet of liquid in sump	2.76	2.86	2.97
11S-5	23.10	1057.10	1033.93	21.04	20.95	21.05
			Elevation at Liquid	1036.06	1036.15	1036.05
			Feet of liquid in sump	2.06	2.15	2.05

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Trench Sump Leachate Measurements
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SUMP ID	Top of Casing to Bottom (ft)	Elevation Top of Casing (ft)	Elevation to Bottom (ft)	Top of Casing to Liquid (ft)		
				Apr-07	Oct-07	Apr-08
11S-6	27.10	1063.20	1036.50	24.45	24.49	24.52
			Elevation at Liquid	1038.75	1038.71	1038.68
			Feet of liquid in sump	2.65	2.61	2.58
15-4	27.60	1062.00	1034.42	26.64	26.62	26.61
			Elevation at Liquid	1035.36	1035.38	1035.39
			Feet of liquid in sump	0.96	0.98	0.99
15-5	26.50	1061.20	1034.70	25.03	25.03	24.53
			Elevation at Liquid	1036.17	1036.17	1036.67
			Feet of liquid in sump	1.47	1.47	1.97
15-6	32.50	1059.50	1027.10	28.31	28.25	28.21
			Elevation at Liquid	1031.19	1031.25	1031.29
			Feet of liquid in sump	4.19	4.25	4.29
15-8	23.80	1055.80	1032.25	22.41	22.39	22.35
			Elevation at Liquid	1033.39	1033.41	1033.45
			Feet of liquid in sump	1.39	1.41	1.45
18-6	31.20	1065.50	1034.08	30.26	30.23	30.19
			Elevation at Liquid	1035.24	1035.27	1035.31
			Feet of liquid in sump	0.94	0.97	1.01
18-9	DRY			D	D	D
19-5	30.50	1063.30	1032.81	28.89	28.88	28.85
			Elevation at Liquid	1034.41	1034.42	1034.45
			Feet of liquid in sump	1.61	1.62	1.65
19-6	25.90	1058.74	1033.30	23.19	23.15	23.16
			Elevation at Liquid	1035.55	1035.59	1035.58
			Feet of liquid in sump	2.71	2.75	2.74
19-7	32.10	1064.30	1032.00	29.91	29.86	29.74
			Elevation at Liquid	1034.39	1034.44	1034.56
			Feet of liquid in sump	2.19	2.24	2.36
20W	29.30	1065.60	1036.17	28.13	28.14	28.14
			Elevation at Liquid	1037.47	1037.46	1037.46
			Feet of liquid in sump	1.17	1.16	1.16

**Table 3
Trench Sump Leachate Measurements
2007-2008**

SUMP ID	Top of Casing to Bottom (ft)	Elevation Top of Casing (ft)	Elevation to Bottom (ft)	Top of Casing to Liquid (ft)		
				Apr-07	Oct-07	Apr-08
20-7	33.00	1063.30	1030.40	29.92	29.91	29.72
			Elevation at Liquid	1033.38	1033.39	1033.58
			Feet of liquid in sump	3.08	3.09	3.28
20-9	30.80	1065.40	1034.37	30.02	30.01	30.53
			Elevation at Liquid	1035.38	1035.39	1034.87
			Feet of liquid in sump	0.78	0.79	0.27
20-11	24.70	1059.08	1034.42	24.11	24.07	24.07
			Elevation at Liquid	1034.97	1035.01	1035.01
			Feet of liquid in sump	0.59	0.63	0.63
23-5	32.50	1063.70	1030.83	30.88	30.84	30.80
			Elevation at Liquid	1032.82	1032.86	1032.90
			Feet of liquid in sump	1.62	1.66	1.70
23-6	32.10	1064.30	1032.25	30.80	30.61	30.55
			Elevation at Liquid	1033.50	1033.69	1033.75
			Feet of liquid in sump	1.30	1.49	1.55
23-9	DRY			D	D	D
24-5	24.80	1058.90	1034.04	23.32	23.31	23.31
			Elevation at Liquid	1035.58	1035.59	1035.59
			Feet of liquid in sump	1.48	1.49	1.49
24-6	26.90	1062.40	1035.40	26.49	26.43	26.40
			Elevation at Liquid	1035.91	1035.97	1036.00
			Feet of liquid in sump	0.41	0.47	0.50
25-5	24.80	1059.80	1036.00	23.34	23.37	23.35
			Elevation at Liquid	1036.46	1036.43	1036.45
			Feet of liquid in sump	1.46	1.43	1.45
25-7	25.70	1060.70	1035.05	24.82	24.86	24.76
			Elevation at Liquid	1035.88	1035.84	1035.94
			Feet of liquid in sump	0.88	0.84	0.94
25-9	23.30	1057.00	1034.00	22.51	23.48	22.47
			Elevation at Liquid	1034.49	1033.52	1034.53
			Feet of liquid in sump	0.79	-0.18	0.83

**Table 3
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2007-2008**

SUMP ID	Top of Casing to Bottom (ft)	Elevation Top of Casing (ft)	Elevation to Bottom (ft)	Top of Casing to Liquid (ft)		
				Apr-07	Oct-07	Apr-08
26-2	30.10	1059.30	1029.15	27.49	27.45	27.40
			Elevation at Liquid	1031.81	1031.85	1031.90
			Feet of liquid in sump	2.61	2.65	2.70
26-3	28.30	1058.48	1030.17	26.49	26.45	26.40
			Elevation at Liquid	1031.99	1032.03	1032.08
			Feet of liquid in sump	1.81	1.85	1.90
26-4	23.60	1056.40	1033.14	22.10	22.05	22.11
			Elevation at Liquid	1034.30	1034.35	1034.29
			Feet of liquid in sump	1.50	1.55	1.49
27-9	35.70	1062.90	1026.24	22.10	26.52	26.42
			Elevation at Liquid	1034.30	1029.88	1029.98
			Feet of liquid in sump	13.60	9.18	9.28
27-11	DRY			D	D	D
28W	27.50	1064.20	1036.67	26.04	26.03	26.03
			Elevation at Liquid	1038.16	1038.17	1038.17
			Feet of liquid in sump	1.46	1.47	1.47
28-6	DRY			D	D	D
28-11	DRY			D	D	D
28-12	DRY			D	D	D
29W	27.10	1063.50	1036.82	25.56	25.17	25.65
			Elevation at Liquid	1037.94	1038.33	1037.85
			Feet of liquid in sump	1.54	1.93	1.45
29-5	DRY			D	D	D
29-6	DRY			D	D	D
30-4	23.40	1062.30	1038.85	23.31	23.29	23.29
			Elevation at Liquid	1038.99	1039.01	1039.01
			Feet of liquid in sump	0.09	0.11	0.11
30-8	30.00	1067.41	1037.41	29.89	29.94	29.94
			Elevation at Liquid	1037.52	1037.47	1037.47
			Feet of liquid in sump	0.11	0.06	0.06
30-10	DRY			D	D	D

Table 3
Trench Sump Leachate Measurements
2007-2008

SUMP ID	Top of Casing to Bottom (ft)	Elevation Top of Casing (ft)	Elevation to Bottom (ft)	Top of Casing to Liquid (ft)		
				Apr-07	Oct-07	Apr-08
31-2	26.30	1065.90	1040.03	25.18	25.16	25.16
			Elevation at Liquid	1040.72	1040.74	1040.74
			Feet of liquid in sump	1.12	1.14	1.14
31-5	DRY			D	D	D
31-7	25.60	1065.30	1040.25	24.68	24.75	24.63
			Elevation at Liquid	1040.62	1040.55	1040.67
			Feet of liquid in sump	0.92	0.85	0.97
31-9	27.40	1066.40	1039.29	25.67	25.73	25.74
			Elevation at Liquid	1040.73	1040.67	1040.66
			Feet of liquid in sump	1.73	1.67	1.66
32-E	29.40	1064.80	1035.54	28.94	28.94	28.94
			Elevation at Liquid	1035.86	1035.86	1035.86
			Feet of liquid in sump	0.46	0.46	0.46
32-9	29.50	1065.30	1035.71	28.94	28.93	28.93
			Elevation at Liquid	1036.36	1036.37	1036.37
			Feet of liquid in sump	0.56	0.57	0.57
35-2	29.60	1064.08	1034.19	28.09	27.97	28.12
			Elevation at Liquid	1035.99	1036.11	1035.96
			Feet of liquid in sump	1.51	1.63	1.48
35-6	28.50	1063.04	1034.41	27.34	27.30	27.30
			Elevation at Liquid	1035.70	1035.74	1035.74
			Feet of liquid in sump	1.16	1.20	1.20
36-3	22.20	1062.90	1039.97	20.77	20.76	20.76
			Elevation at Liquid	1042.13	1042.14	1042.14
			Feet of liquid in sump	1.43	1.44	1.44
36-6	27.10	1066.60	1039.35	23.98	23.97	23.97
			Elevation at Liquid	1042.62	1042.63	1042.63
			Feet of liquid in sump	3.12	3.13	3.13
36-7	DRY			D	D	D
37-3	24.40	1055.30	1030.92	20.77	22.66	22.65
			Elevation at Liquid	1034.53	1032.64	1032.65
			Feet of liquid in sump	3.63	1.74	1.75

Table 3
Trench Sump Leachate Measurements
2007-2008

SUMP ID	Top of Casing to Bottom (ft)	Elevation Top of Casing (ft)	Elevation to Bottom (ft)	Top of Casing to Liquid (ft)		
				Apr-07	Oct-07	Apr-08
37-4	DRY			D	D	D
38-4	22.90	1055.80	1034.05	21.49	21.44	21.42
		Elevation at Liquid		1034.31	1034.36	1034.38
		Feet of liquid in sump		1.41	1.46	1.48
38-5	23.30	1055.60	1032.06	21.13	21.09	21.09
		Elevation at Liquid		1034.47	1034.51	1034.51
		Feet of liquid in sump		2.17	2.21	2.21
39-1	22.30	1053.70	1031.70	cannot measure		
39-4	DRY			D	D	D
40-15	DRY			D	D	D
40-17	30.30	1051.40	1021.08	28.52	28.49	28.42
		Elevation at Liquid		1022.88	1022.91	1022.98
		Feet of liquid in sump		1.78	1.81	1.88
40-19	33.40	1049.40	1022.40	29.71	29.66	29.64
		Elevation at Liquid		1019.69	1019.74	1019.76
		Feet of liquid in sump		3.69	3.74	3.76
40-22	35.40	1056.98	1021.10	31.94	30.91	30.86
		Elevation at Liquid		1025.04	1026.07	1026.12
		Feet of liquid in sump		3.46	4.49	4.54
42-11	32.20	1049.52	1017.72	28.46	28.43	28.46
		Elevation at Liquid		1021.06	1021.09	1021.06
		Feet of liquid in sump		3.74	3.77	3.74
42-19	31.10	1047.25	1016.41	27.88	27.88	27.88
		Elevation at Liquid		1019.37	1019.37	1019.37
		Feet of liquid in sump		3.22	3.22	3.22
42-20	DRY			D	D	D
43-7	37.30	1047.24	1010.00	36.23	36.26	36.30
		Elevation at Liquid		1011.01	1010.98	1010.94
		Feet of liquid in sump		1.07	1.04	1.00

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Trench Sump Leachate Measurements
2007-2008

SUMP ID	Top of Casing to Bottom (ft)	Elevation Top of Casing (ft)	Elevation to Bottom (ft)	Top of Casing to Liquid (ft)		
				Apr-07	Oct-07	Apr-08
43-9	36.70	1045.20	1008.93	34.44	34.48	34.52
			Elevation at Liquid	1010.76	1010.72	1010.68
			Feet of liquid in sump	2.26	2.22	2.18
43-13	32.50	1041.39	1008.50	30.58	30.57	30.59
			Elevation at Liquid	1010.81	1010.82	1010.80
			Feet of liquid in sump	1.92	1.93	1.91
44-5	43.50	1057.35	1013.71	40.97	40.91	40.70
			Elevation at Liquid	972.74	972.80	973.01
			Feet of liquid in sump	2.53	2.59	2.80
44-14	34.60	1048.45	1013.83	34.26	34.26	34.26
			Elevation at Liquid	1014.19	1014.19	1014.19
			Feet of liquid in sump	0.34	0.34	0.34
44-20	39.30	1052.28	1013.10	38.37	38.38	38.35
			Elevation at Liquid	1013.91	1013.90	1013.93
			Feet of liquid in sump	0.93	0.92	0.95
44-22	40.90	1055.09	1014.17	40.07	40.11	39.55
			Elevation at Liquid	1015.02	1014.98	1015.54
			Feet of liquid in sump	0.83	0.79	1.35
45-1	35.20	1055.31	1020.33	29.34	29.33	29.30
			Elevation at Liquid	1025.97	1025.98	1026.01
			Feet of liquid in sump	5.86	5.87	5.90
46-1	27.50	1052.10	1026.45	22.64	22.27	22.12
			Elevation at Liquid	1029.46	1029.83	1029.98
			Feet of liquid in sump	4.86	5.23	5.38
46-2	24.80	1053.07	1028.46	20.84	20.60	20.56
			Elevation at Liquid	1032.23	1032.47	1032.51
			Feet of liquid in sump	3.96	4.20	4.24
46-3	37.30	1052.92	1015.27	19.44	18.22	19.52
			Elevation at Liquid	1033.48	1034.70	1033.40
			Feet of liquid in sump	17.86	19.08	17.78

Table 4
Erosion Monitoring – East Drain
2008

East Drain Cross Section #3.5

Elevation in Feet

Station	Date
	April-08
0	746.70
2	746.70
4	746.42
6	746.07
8	745.84
10	745.93
12	746.19
14	746.10
16	746.59
18	747.03
20	747.07
22	747.06
24	746.95
26	747.11
28	747.15
30	747.42
30.5	747.42

East Drain Cross Section #5.0

Elevation in Feet

Station	Date
	April-08
0	767.57
2	767.57
4	767.67
7	764.82
7.5	764.38
8	764.22
10	763.20
12	762.97
14	762.73
16	763.29
18	764.84
20	765.32
22	765.44
24	765.73
26	766.74
28	768.12
29.5	768.12

East Drain Cross Section #5.5

Elevation in Feet

Station	Date
	April-08
0	768.98
2	768.98
4	767.54
6	766.12
8	765.36
10	765.36
12	765.46
14	765.00
16	765.03
18	767.68
20	769.17
21	769.48
22.5	769.48

East Drain Cross Section #6.0

Elevation in Feet

Station	Date
	April-08
0	780.65
1	780.65
2	780.26
3	779.63
4	777.44
5	774.55
6	774.10
8	773.61
10	773.53
12	773.47
14	774.42
16	777.40
21	782.56

East Drain Cross Section #6.5

Elevation in Feet

Station	Date
	April-08
0	780.95
2	780.95
4	780.13
6	778.85
8	778.79
10	778.94
12	777.87
14	779.69
16	779.96
18	782.04
18.5	782.94

East Drain Cross Section #6.75

Elevation in Feet

Station	Date
	April-08
0	793.24
1	791.21
2	790.59
4	789.04
6	790.88
8	789.56
10	789.96
12	790.16
14	790.57
16	791.60
17	792.51
18	793.28

Table 4
Erosion Monitoring – East Drain
2008

East Drain Cross Section #8.0		East Drain Cross Section #12.0	
Elevation in Feet		Elevation in Feet	
Station	Date	Station	Date
	April-08		April-08
0	925.17	0	985.04
2	925.17	6	985.04
4	925.65	8	985.02
6	933.61	10	984.91
8	922.79	12	984.59
10	922.33	14	984.13
12	923.60	16	983.69
14	923.34	18	982.10
16	924.29	20	981.95
18	926.18	22	984.03
20	926.39	24	984.41
22	925.66	26	983.70
24	926.42	28	983.98
26	926.26	30	983.27
28	926.34	32	984.59
28.7	926.34	34	984.89
		36	985.25
		38	984.57
		40	984.75
		42	985.43
		44	985.95
		45.7	985.95