MONTICELLO PROJECTS
FEDERAL FACILITY AGREEMENT REPORT
May/June 2005
Report Period: May 1 – June 30, 2005
DOE Project Coordinator: Art Kleinrath

HIGHLIGHTS

MRAP

DOE construction, as identified in the Millsite Restoration Plan, was substantially completed on June 3. Seeding of disturbed areas was completed on June 15.

MSG

DOE completed construction of the permeable reactive treatment cell and initiated operations in June. The cell is an enhancement to the existing permeable reactive barrier and was designed to alleviate ground water mounding.

MVP

Approximately one cubic yard of contaminated material was identified in a City of Monticello excavation near the golf course. This material was transferred to the Temporary Storage Facility located at the DOE Monticello Office.

MONTICELLO PROJECTS
FEDERAL FACILITIES AGREEMENT REPORT
May/June 2005
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STATUS

Operable Units I and II

DOE conducted the annual survey of settlement plates located on the repository June 28-29. The permeable reactive treatment cell (Operable Unit III) also was surveyed at this time.

DOE initiated millsite restoration construction on May 9 with commencement of hauling rock from the Cotter mine. DOE's portion of the construction, as identified in the Millsite Restoration Plan, was substantially completed on June 3. Seeding of disturbed areas was completed on June 15. Adequacy of work performed in Montezuma Creek (removing a rock plug on the east side of the millsite and armoring one creek bend) will need to be evaluated when the flow recedes. The subcontractor has demobilized heavy equipment.

Roads on top of the repository were bladed and vehicle tracks were smoothed out. The road south of the repository but outside of the fence surrounding the cell was also bladed. Water bars were installed to direct precipitation runoff away from the road.

A Federal Facilities Agreement meeting was held in Monticello May 10-11 and was attended by DOE, Environmental Protection Agency (EPA), and Utah Department of Environmental Quality (UDEQ). DOE drafted the minutes of the meeting and submitted them to EPA and UDEQ for concurrence, then distributed the finalized meeting minutes.

SCHEDULE/EXPECTATIONS

See attached document submittal table for projected submittal dates.

NEW ISSUES/RESOLUTIONS

No new issues.

MONTICELLO SURFACE– AND GROUND–WATER PROJECT (MSG)

STATUS

DOE prepared a list and location map of wells scheduled for decommissioning this fiscal year. The list and map were submitted to EPA and UDEQ.

DOE completed the draft *Annual Data Summary Report for Operable Unit III of the Monticello Mill Tailings Site* on June 30. This document will be submitted to EPA and UDEQ in July.

DOE collected macro-invertebrate samples from three locations within the sedimentation pond in Montezuma Canyon on June 22. The Hester-Dendy samplers were packaged and transported to Moab, UT, for overnight shipment to the Battelle Laboratory in Richland, WA.

Wildlife surveys are continuing on schedule at the sediment pond and at Wetlands 1, 2, and 3. The first of two nesting surveys was conducted in June. Red-winged blackbirds are the predominant species, as predicted. Many of the other species identified appear to be migrating through and thus are not permanent residents.

DOE, EPA, and UDEQ agreed on changes to the draft-final *Monticello Long-Term Surveillance and Maintenance Operating Procedures for Surface and Ground Water* (Volume III) and the draft-final *Monticello Long-Term Surveillance and Maintenance Administrative Manual.* These changes will be incorporated and returned to EPA and UDEQ for one more review cycle.

DOE completed construction of the permeable reactive treatment cell and initiated operations in June. The cell is an enhancement to the existing permeable reactive barrier and was designed to alleviate ground water mounding. Construction included drilling a well upgradient of the permeable reactive barrier, drilling a well downgradient of the permeable reactive barrier, installing a treatment cell, installing instrumentation, and completing electrical and plumbing work.

SCHEDULE/EXPECTATIONS

See attached document submittal table for projected submittal dates.

NEW ISSUES/RESOLUTIONS

No new issues.

MONTICELLO VICINITY PROPERTIES SITE ACTIVITIES (MVP)

STATUS

DOE continues to monitor Monticello city streets and utility excavations for radioactive contamination. The City of Monticello is in the process of replacing water meters throughout the city. Radioactive material, identified in one location near the golf course, was transferred to the Temporary Storage Facility at the DOE office.

SCHEDULE/EXPECTATIONS

Not established.

NEW ISSUES/RESOLUTIONS

No new issues.

OPERABLE UNITS I, II and III
Projected Deliverables to Regulatory Agencies
August - September 2005

Op. Unit or Site	Deliverable	Projected Submittal/ Resubmittal	Regulator Input or Concurrence Needed (Yes / No)	Status/Progress/Comments as of: June 30, 2005
OU I, II	• Update Chapter 5 of the Site Management Plan	Sept. 1	Yes	
OU I, II, III & MVP	• Conduct annual survey	Sept. 13-15	Yes	Tenative date pending scheduling with regulators
OU III	• Conduct wildlife surveys	Aug. 8-9 Aug. 28-29	No	
OU III	• Monticello LTSM Operating Procedures for Surface and Ground Water – Draft Final • Receive EPA/UDEA Comments	Sept. 1	Yes	Draft Final submitted to EPA/UDEQ July 11
OU III	• Decommission Wells	Sept. 30	No	
OU III	• Annual Data Summary Report	Sept. 1	Yes	Draft submitted to EPA/UDEQ June 30

Monthly Pond 4 Surveillance Checklist

Monticello LTSM Representative Joe Slade Date 5-4-2005

Level of Water in Pond 4 3.2 ft.

Inspection Item	Acceptable (Yes/No)	Comments & Recommendation
Condition of:		
Fence	yes	New gate ordered for Pond fence to Replace the deer gate.
Roads	yes	
Signs	yes	New Rope around Pond at this time is OK
Visible Piping	yes	
Visible Liner	yes	Some of the Ropes/Bags need Replaced
Life Saver Station	yes	
Evidence of erosion of:		
Top of Pond 4 Berm	NO	
Pond 4 Sideslopes	NO	
Ditches	NO	
Surrounding area	NO	
Seepage from Pond 4	NO	
Overtopping of Pond 4	NO	
Evidence of:		
Vandalism	NO	
Intrusion by wildlife	NO	
Intrusion by humans	NO	
Accumulation of trash	NO	

Additional Comments

water that is in the Pond has come from Spring Storms — small amount of Pumping.

1 MNT 4.4

Monthly Repository Surveillance Checklist

Monticello LTSM Representative Joe Slade [signature] Date 5-4-2005

Meteorological Data for the period beginning See weather logs ending

Average wind speed _____ Prevailing wind direction _____

Average temperature _____ High Temperature _____ Low Temperature _____

Current barometric pressure _____

Total precipitation _____ Inches of Precipitation in last 24 hours _____

Inspection Item	Acceptable (Yes/No)	Comments and Recommendations
Condition of:		
Fence	yes	New gates were installed replacing Deck Gates
Roads	yes	
Signs	yes	
Site Marker	yes	
Drainage ditches	yes	
Manholes	yes	* water seepage into manholes still ongoing
Settlement Plates	yes	
Vegetation	yes	Great water - thus - great plant life growing
Evidence of erosion of:		
Top of Repository	NO	
Repository Sideslopes	NO	
Ditches	NO	
Surrounding area	NO	
Evidence of:		
Vandalism	NO	
Intrusion by wildlife	NO	
Burrowing Animal Damage	NO	
Intrusion by humans	NO	
Accumulation of trash	yes	Blowing weeds stacking up against fence will burn when weather is right

Additional Comments

* water seeps have shown up in the manholes that have not been a problem before - seeps around the incoming electrical conduit.

[signature]

Monthly Repository Surveillance Checklist

Monticello LTSM Representative Joe Slade Date 6-8-2005

Meteorological Data for the period beginning See Weather Data Log ending

Average wind speed _____ Prevailing wind direction _____

Average temperature _____ High Temperature _____ Low Temperature _____

Current barometric pressure _____

Total precipitation _____ Inches of Precipitation in last 24 hours _____

Inspection Item	Acceptable (Yes/No)	Comments and Recommendations
Condition of:		
Fence	yes	
Roads	yes	
Signs	yes	
Site Marker	yes	
Drainage ditches	yes	
Manholes	yes	
Settlement Plates	yes	
Vegetation	yes	
Evidence of erosion of:		
Top of Repository	NO	
Repository Sideslopes	NO	
Ditches	NO	
Surrounding area	NO	
Evidence of:		
Vandalism	NO	
Intrusion by wildlife	NO	
Burrowing Animal Damage	NO	
Intrusion by humans	NO	
Accumulation of trash	NO	

Additional Comments

1- Seed/Plant sampling was done this past month by L. Sheaden & Shana

2. Compression @ manhole #3 has given up & will be Replaced (RIP 5-30-2005)

3- Road around the Cell was dressed up using a grader this past month.

4- Road on the South side of the Cell was graded and water bars were created along the Road to help drain water.

5- Signs on the outside fence were checked and some that were cracked were backed up with a Steel plate

Monthly Pond 4 Surveillance Checklist

Monticello LTSM Representative JOE SLADE Date 6-8-2005

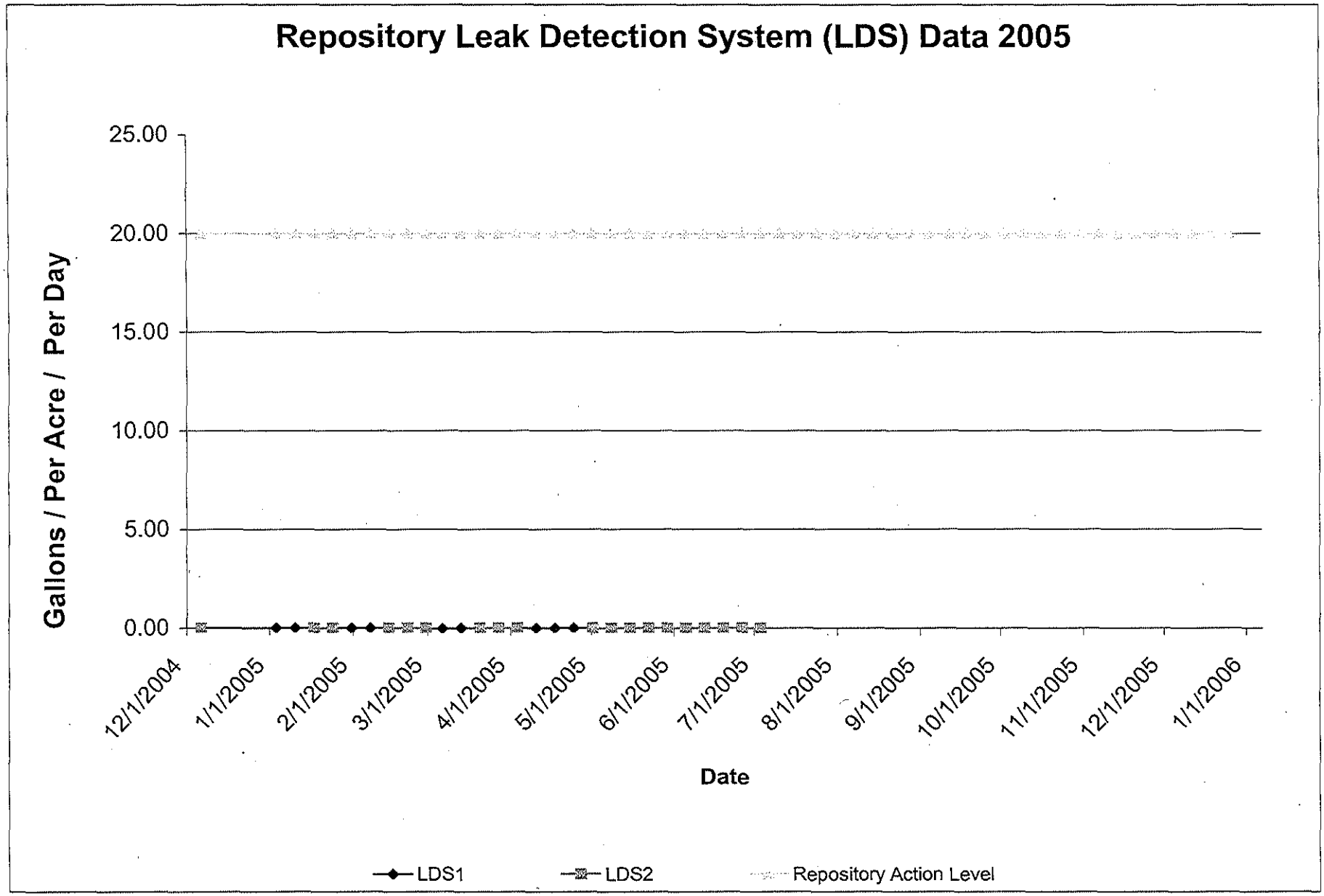
Level of Water in Pond 4 2.50ft

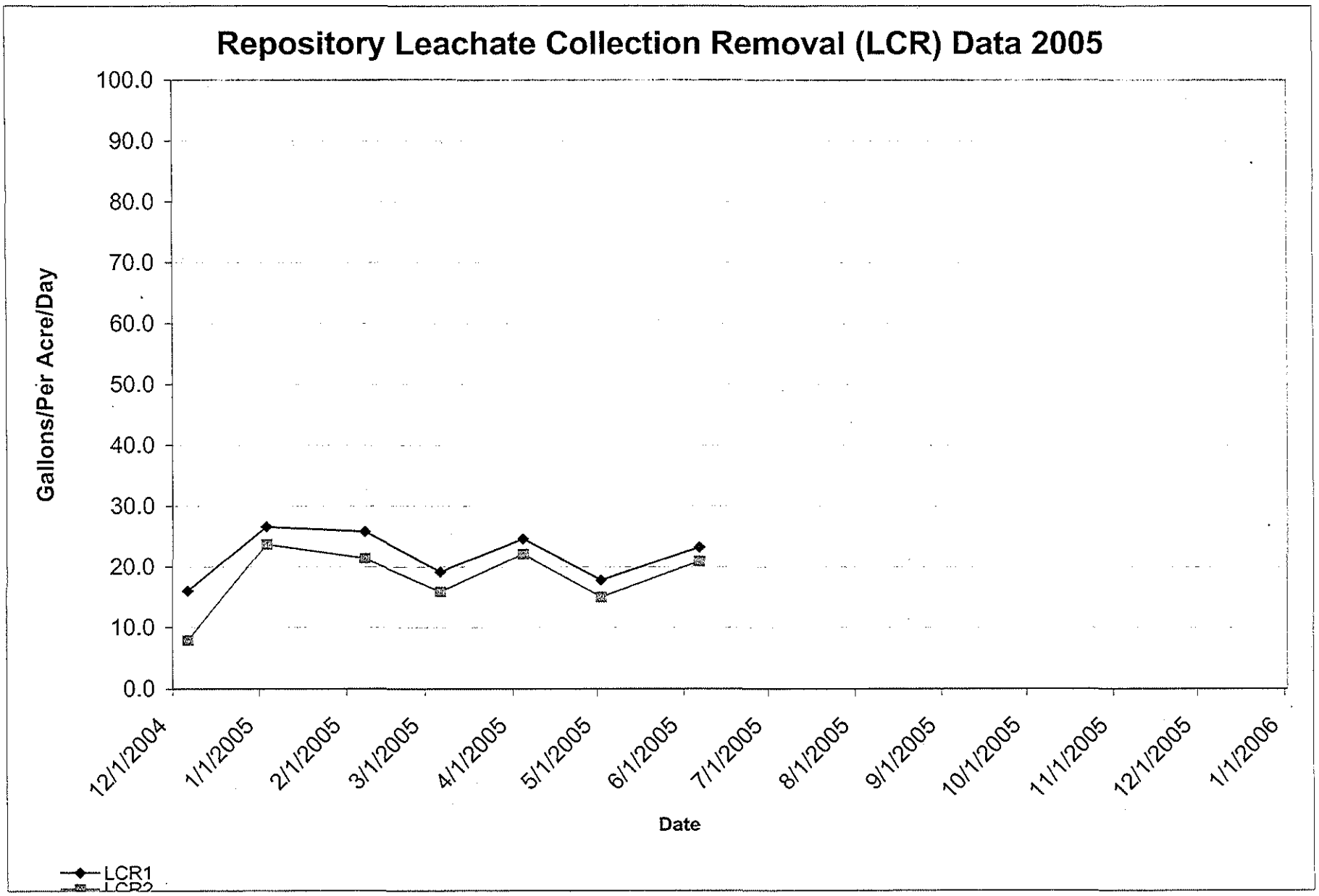
Inspection Item	Acceptable (Yes/No)	Comments & Recommendation
Condition of:		
Fence	yes	
Roads	yes	
Signs	yes	
Visible Piping	yes	
Visible Liner	yes	
Life Saver Station	yes	
Evidence of erosion of:		
Top of Pond 4 Berm	NO	
Pond 4 Sideslopes	NO	
Ditches	NO	
Surrounding area	NO	
Seepage from Pond 4	NO	
Overtopping of Pond 4	NO	
Evidence of:		
Vandalism	NO	
Intrusion by wildlife	NO	
Intrusion by humans	NO	
Accumulation of trash	* NO	

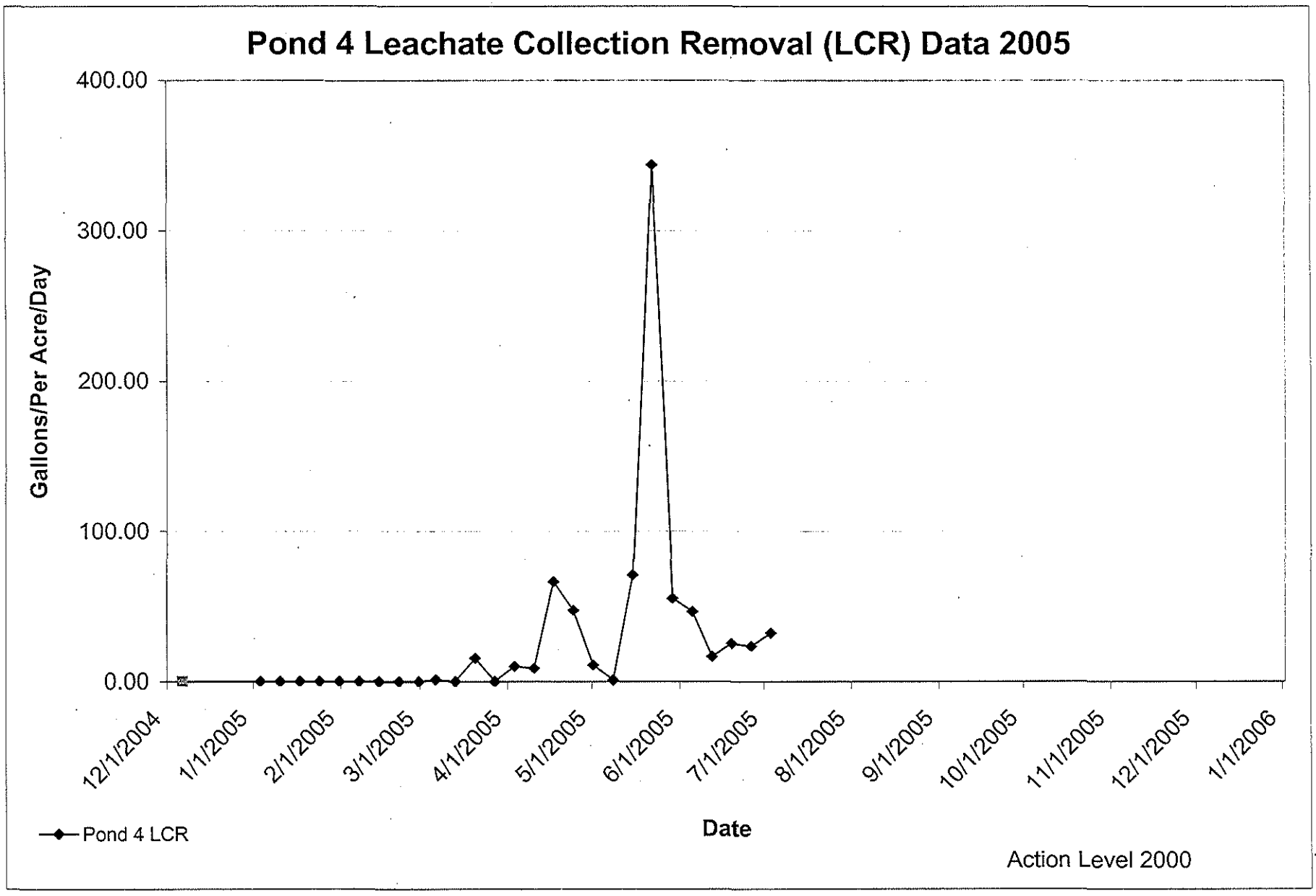
Additional Comments

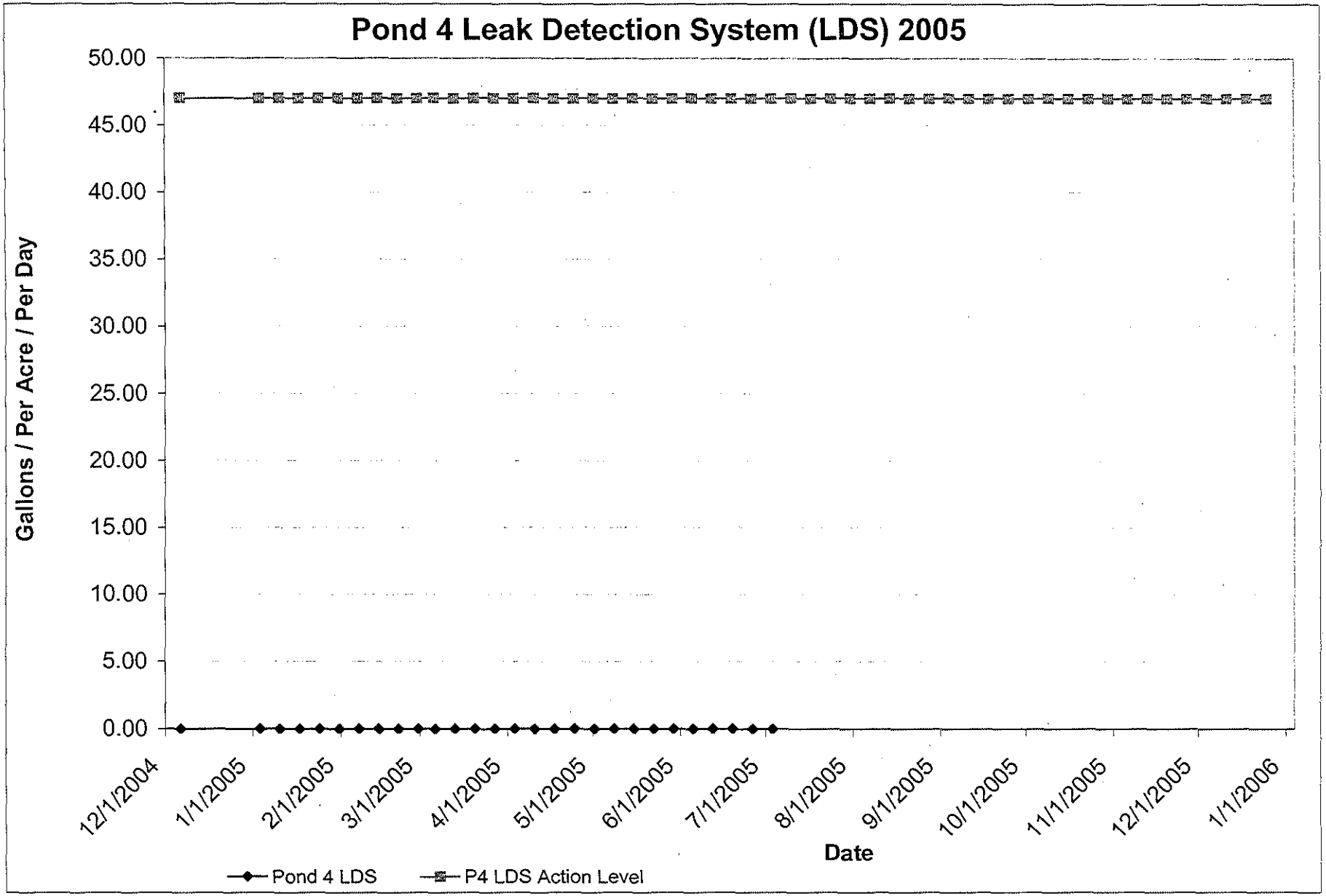
1- Some of the accumulated trash along the fence was burned this past month.
2- Deer gate was replaced by a chain link fence gate this past month
3- Air Compressor failed and was replaced with a new one this past month-
4- wind & weather had blown some of the signs off of the Rod/Rope and were replaced.

LMNT- 4.4


Repository Leak Detection System (LDS) Data 2005
Gallons / Per Acre / Per Day
25.00
20.00
15.00
10.00
5.00
0.00
12/1/2004
1/1/2005
2/1/2005
3/1/2005
4/1/2005
5/1/2005
6/1/2005
7/1/2005
8/1/2005
9/1/2005
10/1/2005
11/1/2005
12/1/2005
1/1/2006
Date
LDS1
LDS2
Repository Action Level


Repository Leachate Collection Removal (LCR) Data 2005
Gallons/Per Acre/Day
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
12/1/2004
1/1/2005
2/1/2005
3/1/2005
4/1/2005
5/1/2005
6/1/2005
7/1/2005
8/1/2005
9/1/2005
10/1/2005
11/1/2005
12/1/2005
1/1/2006
Date
LCR1
LCR2


Pond 4 Leachate Collection Removal (LCR) Data 2005
400.00
300.00
200.00
100.00
0.00
Gallons/Per Acre/Day
12/1/2004
1/1/2005
2/1/2005
3/1/2005
4/1/2005
5/1/2005
6/1/2005
7/1/2005
8/1/2005
9/1/2005
10/1/2005
11/1/2005
12/1/2005
1/1/2006
Date
Pond 4 LCR
Action Level 2000


Pond 4 Leak Detection System (LDS) 2005
Gallons / Per Acre / Per Day
50.00
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
12/1/2004
1/1/2005
2/1/2005
3/1/2005
4/1/2005
5/1/2005
6/1/2005
7/1/2005
8/1/2005
9/1/2005
10/1/2005
11/1/2005
12/1/2005
1/1/2006
Date
Pond 4 LDS
P4 LDS Action Level

Total Gallons Pumped from LDS1 as Measured by Flowmeter Weekly Basis 2005							Total Gallons Pumped from LDS2 as Measured by Flowmeter Weekly Basis					
Week Begin	Total for Week	Average Per Day	Gallons Per Acre Per Day	1000	Number of Days	Comments	Total for Week	Average Per Day	Gallons Per Acre Per Day	1000	Number of Days	Comments
12/6/2004	0						0					
1/3/2005	0						0					
1/10/2005	0						0					
1/17/2005	43					Power bump activated pump	0	0.0	0.0			
1/24/2005	0						0					
1/31/2005	0						0					
2/7/2005	0						0		0.0			
2/14/2005	0						0					
2/21/2005	0						0					
2/28/2005	0						0					
3/6/2005	0						0					
3/13/2005	0						0					
3/20/2005	0						0					
3/27/2005	0						0					
4/3/2005	0						0					
4/10/2005	0						0					
4/17/2005	0						0					
4/24/2005	0						0					
5/1/2005	0						0					
5/8/2005	0						0					
5/15/2005	0						0					
5/22/2005	0						0					
5/29/2005	0						0					
6/5/2005	0						0					
6/12/2005	0						0					
6/19/2005	0						0					
6/26/2005	0						0					
7/3/2005	0						0					
7/10/2005												
7/17/2005												
7/24/2005												
7/31/2005												
8/7/2005												
8/14/2005												
8/21/2005												
8/28/2005												
9/4/2005												
9/11/2005												
9/18/2005												
9/25/2005												
10/2/2005												
10/9/2005												
10/16/2005												
10/23/2005												
10/30/2005												
11/6/2005												
11/13/2005												
11/20/2005												
11/27/2005												
12/4/2005												
12/11/2005												
12/18/2005												
12/25/2005												
1/1/2006												

Total Gallons Pumped from LCR1 as Measured by Flowmeter Monthly Basis

Month Begin	Total for Month	Average Per Day	Gallons Per Acre Per Day	DA YS	Comments
12/6/2004	5587	159.6	16.0	35	
1/3/2005	9324	266.4	26.6	35	
2/7/2005	7230	258.2	25.8	28	
3/6/2005	5370	191.8	19.2	28	
4/4/2005	6891	246.1	24.6	28	
5/2/2005	4987	178.1	17.8	28	
6/6/2005	8120	232.0	23.2	35	
7/4/2005		0.0	0.0	28	
8/1/2005		0.0	0.0	28	
9/5/2005		0.0	0.0	35	
10/3/2005		0.0	0.0	28	
11/7/2005		0.0	0.0	28	
12/5/2005		0.0	0.0	28	
1/2/2006		0.0	0.0	28	
Total	41922				

Total Gallons Pumped from LCR2 as Measured by Flowmeter Monthly Basis

Month Begin	Total for Month	Average Per Day	Gallons Per Acre Per Day	DA YS	Comments
12/6/2004	2757	78.8	7.9	35	
1/3/2005	8281	236.6	23.7	35	
2/7/2005	5989	213.9	21.4	28	
3/6/2005	4445	158.8	15.9	28	
4/4/2005	6200	221.4	22.1	28	
5/2/2005	4212	150.4	15.0	28	
6/6/2005	7312	208.9	20.9	35	
7/4/2005		0.0	0.0	28	
8/1/2005		0.0	0.0	28	
9/5/2005		0.0	0.0	35	
10/3/2005		0.0	0.0	28	
11/7/2005		0.0	0.0	28	
12/5/2005		0.0	0.0	28	
1/2/2006		0.0	0.0	28	
Total	36439				

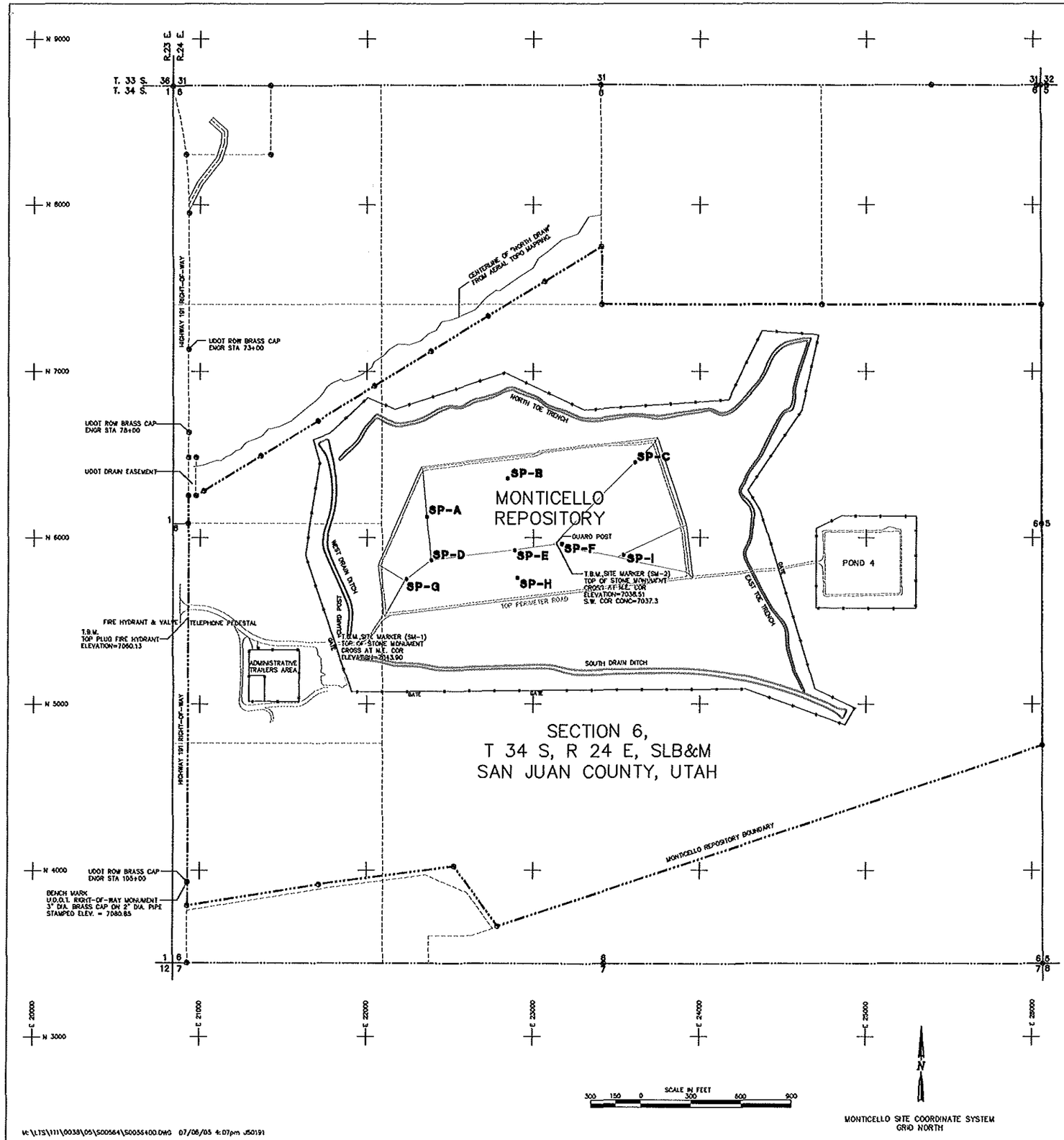
Total Gallons Pumped from Pond 4 LDS Sump

Month Begin	Total for Month	Average Per Day	Gallons Per Acre Per Day	DA YS	Comments
12/6/2004	0	0.0	0.0	35	Level is monitored
1/3/2005	0	0.0	0.0	35	Level is monitored
2/7/2005	0	0.0	0.0	28	Level is monitored
3/6/2005	0	0.0	0.0	28	Level is monitored
4/4/2005	0	0.0	0.0	28	
5/2/2005	0	0.0	0.0	28	
6/6/2005	0	0.0	0.0	35	
7/4/2005		0.0	0.0	28	
8/1/2005		0.0	0.0	28	
9/5/2005		0.0	0.0	35	
10/3/2005		0.0	0.0	28	
11/7/2005		0.0	0.0	28	
12/5/2005		0.0	0.0	28	
1/2/2006		0.0	0.0	28	
Total	0				

Pond4 LDS Weekly Basis			Pond 4 Evaporation Pond Elevation Weekly Basis	
Week Begin	Level Measure	Gallons Per Day	Level Measurement	Feet Above 6938.0
12/27/2004	1.47	0.00	6939.80	1.80
1/3/2005	0.33	0.00	6938.10	0.10
1/10/2005	0.36	0.00	6938.10	0.10
1/17/2005	0.34	0.00	6938.10	0.10
1/24/2005	0.33	0.00	6938.10	0.10
1/31/2005	0.34	0.00	6938.10	0.10
2/7/2005	0.35	0.00	6938.10	0.10
2/14/2005	1.05	0.00	6941.20	3.20
2/21/2005	1.06	0.00	6941.44	3.44
2/28/2005	1.05	0.00	6941.45	3.45
3/6/2005	1.06	0.00	6941.40	3.40
3/13/2005	1.09	0.00	6941.40	3.40
3/20/2005	1.07	0.00	6941.30	3.30
3/27/2005	1.11	0.00	6941.50	3.50
4/3/2005	1.12	0.00	6941.40	3.40
4/10/2005	1.17	0.00	6941.40	3.40
4/17/2005	1.16	0.00	6941.20	3.20
4/24/2005	1.17	0.00	6941.10	3.10
5/1/2005	1.16	0.00	6941.10	3.10
5/8/2005	0.32	0.00	6938.10	0.10
5/15/2005	1.03	0.00	6941.10	3.10
5/22/2005	1.16	0.00	6940.90	2.90
5/29/2005	1.27	0.00	6940.80	2.80
6/5/2005	1.33	0.00	6940.50	2.50
6/12/2005	1.36	0.00	6940.50	2.50
6/19/2005	1.37	0.00	6940.30	2.30
6/26/2005	1.37	0.00	6940.10	2.10
7/3/2005	1.40	0.00	6940.00	2.00
7/10/2005	0.00		0.00	-6938.00
7/17/2005	0.00		0.00	-6938.00
7/24/2005	0.00		0.00	-6938.00
7/31/2005	0.00		0.00	-6938.00
8/7/2005	0.00		0.00	-6938.00
8/14/2005	0.00		0.00	-6938.00
8/21/2005	0.00		0.00	-6938.00
8/28/2005	0.00		0.00	-6938.00
9/4/2005	0.00		0.00	-6938.00
9/11/2005	0.00		0.00	-6938.00
9/18/2005	0.00		0.00	-6938.00
9/25/2005	0.00		0.00	-6938.00
10/2/2005	0.00		0.00	-6938.00
10/9/2005	0.00		0.00	-6938.00
10/16/2005	0.00		0.00	-6938.00
10/23/2005	0.00		0.00	-6938.00
10/30/2005	0.00		0.00	-6938.00
11/6/2005	0.00		0.00	-6938.00
11/13/2005	0.00		0.00	-6938.00
11/20/2005	0.00		0.00	-6938.00
11/27/2005	0.00		0.00	-6938.00
12/4/2005	0.00		0.00	-6938.00
12/11/2005	0.00		0.00	-6938.00
12/18/2005	0.00		0.00	-6938.00
12/25/2005	0.00		0.00	-6938.00
1/1/2006	0.00		0.00	-6938.00

Total Gallons Pumped from Pond4 LCR as Measured by Flowmeter Weekly Basis

Week Begin	Total for Week	Average Per Day	Gallons Per Acre Per Day	1000	Number of Days	Comments
12/6/2004	0					
1/3/2005	0					
1/10/2005	0					
1/17/2005	0					
1/24/2005	0					
1/31/2005	0					
2/7/2005	0					
2/14/2005	0					
2/21/2005	0					
2/28/2005	0					
3/6/2005	0					
3/13/2005	0					
3/20/2005	4914	36.4	15.5		135	
3/27/2005	0					
4/3/2005	329	23.5	10.0		14	
4/10/2005	145	20.7	8.8		7	
4/17/2005	1092	156.0	66.4		7	
4/24/2005	778	111.1	47.3		7	
5/1/2005	179	25.6	10.9		7	
5/8/2005	14	2.0	0.9		7	
5/15/2005	1164	166.3	70.8		7	
5/22/2005	5655	807.9	343.8		7	
5/29/2005	910	130.0	55.3		7	
6/5/2005	763	109.0	46.4		7	
6/12/2005	272	38.9	16.5		7	
6/19/2005	414	59.1	25.2		7	
6/26/2005	387	55.3	23.5		7	
7/3/2005	529	75.6	32.2		7	
7/10/2005						
7/17/2005						
7/24/2005						
7/31/2005						
8/7/2005						
8/14/2005						
8/21/2005						
8/28/2005						
9/4/2005						
9/11/2005						
9/18/2005						
9/25/2005						
10/2/2005						
10/9/2005						
10/16/2005						
10/23/2005						
10/30/2005						
11/6/2005						
11/13/2005						
11/20/2005						
11/27/2005						
12/4/2005						
12/11/2005						
12/18/2005						
12/25/2005						
1/1/2006						



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QUARTERLY SETTLEMENT PLATE ELEVATION DATA

SETTLEMENT PLATE I.D.	COORDINATES NORTH (Y)	COORDINATES EAST (X)	QUARTER 1 NOV. 8, 2000	ELEV. DIFF.	QUARTER 2 MAR. 14, 2001	ELEV. DIFF.	QUARTER 3 MAY 8, 2001	ELEV. DIFF.	QUARTER 4 AUGUST 8, 2001	ELEV. DIFF.	QUARTER 5 DEC. 19, 2001
SP-A	6,126.2	22,362.8	7042.50	ZERO	7042.50	-0.04	7042.46	-0.02	7042.44	ZERO	7042.44
SP-B	6,355.8	22,848.4	7022.11	ZERO	7022.11	-0.01	7022.10	-0.03	7022.07	ZERO	7022.07
SP-C	6,450.9	23,609.5	7008.42	ZERO	7008.42	-0.01	7008.41	-0.03	7008.38	ZERO	7008.38
SP-D	5,865.4	22,368.7	7053.90	-0.05	7053.85	ZERO	7053.85	-0.02	7053.83	ZERO	7053.83
SP-E	5,924.3	22,889.9	7040.25	-0.02	7040.23	-0.01	7040.22	-0.02	7040.20	-0.01	7040.19
SP-F	5,953.8	23,171.2	7035.80	-0.03	7035.77	ZERO	7035.77	-0.03	7035.74	ZERO	7035.74
SP-G	5,751.6	22,238.2	7054.22	-0.03	7054.19	ZERO	7054.19	-0.01	7054.18	ZERO	7054.18
SP-H	5,758.3	22,906.4	7033.54	ZERO	7033.54	-0.01	7033.53	-0.02	7033.51	ZERO	7033.51
SP-I	5,895.5	23,543.8	7022.12	-0.02	7022.10	ZERO	7022.10	-0.04	7022.06	+0.2	7022.08

SETTLEMENT PLATE I.D.	ELEV. DIFF.	QUARTER 6 FEB. 5, 2002	ELEV. DIFF.	QUARTER 7 MAY 13-14, 2002	ELEV. DIFF.	QUARTER 8 AUGUST 18, 2002	ELEV. DIFF.	QUARTER 9 NOV. 13, 2002
SP-A	ZERO	7042.44	ZERO	7042.44	+0.01	7042.45	-0.02	7042.43
SP-B	+0.01	7022.08	-0.01	7022.07	+0.01	7022.08	-0.03	7022.05
SP-C	ZERO	7008.38	-0.01	7008.37	+0.01	7008.38	-0.03	7008.35
SP-D	-0.01	7053.82	ZERO	7053.82	ZERO	7053.82	-0.05	7053.77
SP-E	-0.01	7040.18	+0.01	7040.19	+0.01	7040.20	-0.04	7040.16
SP-F	ZERO	7035.74	ZERO	7035.74	+0.01	7035.75	-0.03	7035.72
SP-G	-0.01	7054.17	+0.01	7054.18	ZERO	7054.18	-0.03	7054.15
SP-H	ZERO	7033.51	ZERO	7033.51	+0.02	7033.53	-0.05	7033.48
SP-I	-0.01	7022.07	+0.01	7022.08	ZERO	7022.08	-0.03	7022.05

SETTLEMENT PLATE I.D.	ELEV. DIFF.	QUARTER 10 MAR. 25, 2003	ELEV. DIFF.	QUARTER 11 JUNE 5, 2003	ELEV. DIFF.	QUARTER 12 AUGUST 21, 2003	ELEV. DIFF.	QUARTER 13 NOV. 7, 2003
SP-A	-0.02	7042.41	ZERO	7042.41	-0.01	7042.40	+0.02	7042.42
SP-B	ZERO	7022.05	-0.02	7022.03	+0.03	7022.06	-0.02	7022.04
SP-C	ZERO	7008.35	-0.03	7008.32	+0.04	7008.36	-0.03	7008.33
SP-D	+0.01	7053.78	-0.04	7053.74	+0.02	7053.76	+0.01	7053.77
SP-E	-0.01	7040.15	-0.03	7040.12	+0.03	7040.15	ZERO	7040.15
SP-F	-0.02	7035.70	-0.01	7035.69	+0.01	7035.70	-0.01	7035.69
SP-G	ZERO	7054.15	-0.02	7054.13	+0.01	7054.14	+0.01	7054.15
SP-H	-0.01	7033.47	-0.01	7033.46	+0.01	7033.47	+0.01	7033.48
SP-I	-0.01	7022.04	-0.03	7022.01	+0.04	7022.05	-0.01	7022.04

SETTLEMENT PLATE I.D.	ELEV. DIFF.	QUARTER 14 JULY 18, 2004	ELEV. DIFF.	QUARTER 15 JUNE 29, 2005	ELEV. DIFF.	QUARTER 16	ELEV. DIFF.	QUARTER 17
SP-A	-0.02	7042.42	ZERO	7042.37	-0.05			
SP-B	ZERO	7022.05	-0.01	7022.03	-0.02			
SP-C	ZERO	7008.36	+0.03	7008.34	-0.02			
SP-D	+0.01	7053.76	-0.01	7053.72	-0.04			
SP-E	-0.01	7040.15	ZERO	7040.12	-0.03			
SP-F	-0.02	7035.70	+0.01	7035.67	-0.03			
SP-G	ZERO	7054.15	ZERO	7054.13	-0.02			
SP-H	-0.01	7033.48	ZERO	7033.47	-0.01			
SP-I	-0.01	7022.05	+0.01	7022.03	-0.02			

U.S. DEPARTMENT OF ENERGY
GRAND JUNCTION OFFICE
GRAND JUNCTION, COLORADO

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S.M. Stoller Corporation
Under DOE Contract
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MONTICELLO REPOSITORY
SETTLEMENT PLATES
SURVEY

PREPARED:	CHECKED:	DATE PREPARED:
H. D. SURVEY	T.KIRKPATRICK	JULY 6, 2005

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