

Countywide Recycling and Disposal Facility

Weekly Progress Report

05/16/08

This Weekly Progress Report is prepared by Countywide and submitted to the OEPA weekly by the close of business on each Friday. This meets the requirement of Order No. 5 of the December 31, 2007 Findings and Orders to provide updates on progress of field activities.

In addition, this report provides updated presentations of data being collected. All information presented in this report originates from the publicly-available data being gathered as part of the normal operational requirements of the facility or as part of the Director's Findings and Orders. **This report covers the period May 10, 2008 to May 16, 2008.**

PROGRESS ON FIELD ACTIVITIES TOWARD DECEMBER 31, 2007 ORDERS

See the attached Table 1.

DATA PRESENTATION

Bold font in comments column means updated version included with this report.

<u>Attachment</u>	<u>Attachment No.</u>	<u>Comments</u>
Wellhead Temperature Graph	1	Updated April 11, 2008
Downhole Temp. Graph	2	Updated May 16, 2008
FBMP Max. In-Situ Temp. Graph	3	Updated May 9, 2008
Inclinometer Max. In-Situ Temp. Graph	4	Updated May 9, 2008
Leachate Sump Temperature. Graph	5	Updated April 25, 2008
LCS Temperature Graph	6	Updated April 25, 2008
Weekly Cumulative Sett. Graph	7	Updated May 16, 2008
Quarterly Cumulative Sett. Graph	8	Updated April 11, 2008
CO Graph	9	Updated May 2, 2008
Leachate Volume Graph	10	Updated April 11, 2008
Leachate COD Graph	11	Updated May 9, 2008
Leachate TDS Graph	12	Updated May 9, 2008
<u>Appendices (transmitted separately)</u>	<u>Appendix No.</u>	<u>Comments</u>
Wellhead Temperature Zone Map	A	Updated May 16, 2008
4-Week Cumulative Sett. Front Map	B	Updated May 9, 2008
Carbon Monoxide Zone Map	C	Updated May 2, 2008

AMBIENT AIR SAMPLING ACTIVITIES LOG

See attached Table 2.

OUTSTANDING ISSUES

Significant documents pending OEPA review, comment, and/or approval:

- Fire Suppression Plan submitted May 25, 2007
- Permit-to-Install (PTI) "Needs Analysis" submitted May 29, 2007
- Dewatering and EGES Enhancement Work Plan submitted on Jan. 14, 2008
- Work Plan for Additional Ambient Air Testing, submitted Feb. 22, 2008

TABLE 1

**WEEKLY PROGRESS REPORT FOR DECEMBER 31, 2007 F&Os
COUNTYWIDE LANDFILL
WEEK ENDING 05-16-08**

Work Item	Units of Measure	Estimated Required or Goal*	Previously Completed	Completed This Period	Total Completed to Date	Est. to be Completed Next Week	Comments
Install Vertical Relief Wells	ea.	4	4	0	4	0	This week we completed "hard-piping" the final RW well for improvement of the Blackhawk 3" pump installations. Pump up-time is increasing and significant drawdown is being achieved in all but RW-2 (which is down for maintenance). The typical current yield is about 2 to 3 gallons per minute at each well. Next week, we expect to have RW-2 running and will be constructing permanent pump-pulling gantries over the wells to facilitate pump maintenance.
Install Perm. Dewatering Pumps and Infrastructure	ea.	44	44	0	44	0	
Install 4-inch HDPE Liquid Discharge Line	l.f.	3000	3000	0	3000	0	
Install 2-inch HDPE Air Supply Line	l.f.	10500	10500	0	10500	0	
Install and Test Compressors	ea.	3	3	0	3	0	
Relocate Flares from Top of Landfill	ea.	1	1	0	1	0	
Install New Gas Wells	ea.	32 (original goal was 10)	32	0	32	0	
Replace Compromised Wells	ea.	25 (original goal was 12)	19	2	21	0	The gas well drill rig has been demobilized. The remaining four gas wells need special materials and will be completed, possibly in May, after the materials arrive and the drill rig can remobilize.
Install Perm. Dewatering Pumps in New and Replacement Gas Wells	ea.	17	13	4	17	0	The process of identifying which new and replacement wells that need pumps is complete at this time. We will continue to determine if more wells need pumps by using the monthly fluid level readings.
Install 4-inch HDPE Liquid Discharge Line for new gas wells	l.f.	2000	1800	200	2000	0	See above
Install 2-inch HDPE Air Supply Line for new gas wells	l.f.	2000	1800	200	2000	0	See above
Measure Achievable Drawdown	ea.	80	0	0	0	8	Pre-planning for this activity was done this week. We will prepare an area for the first round of "achievable drawdown" measurements and possibly have some completed by the end of next week.
Establish Baseline Flow	ea.	1	0	0	0	0	This will be performed after measuring achievable drawdown and is estimated to be completed July 28.

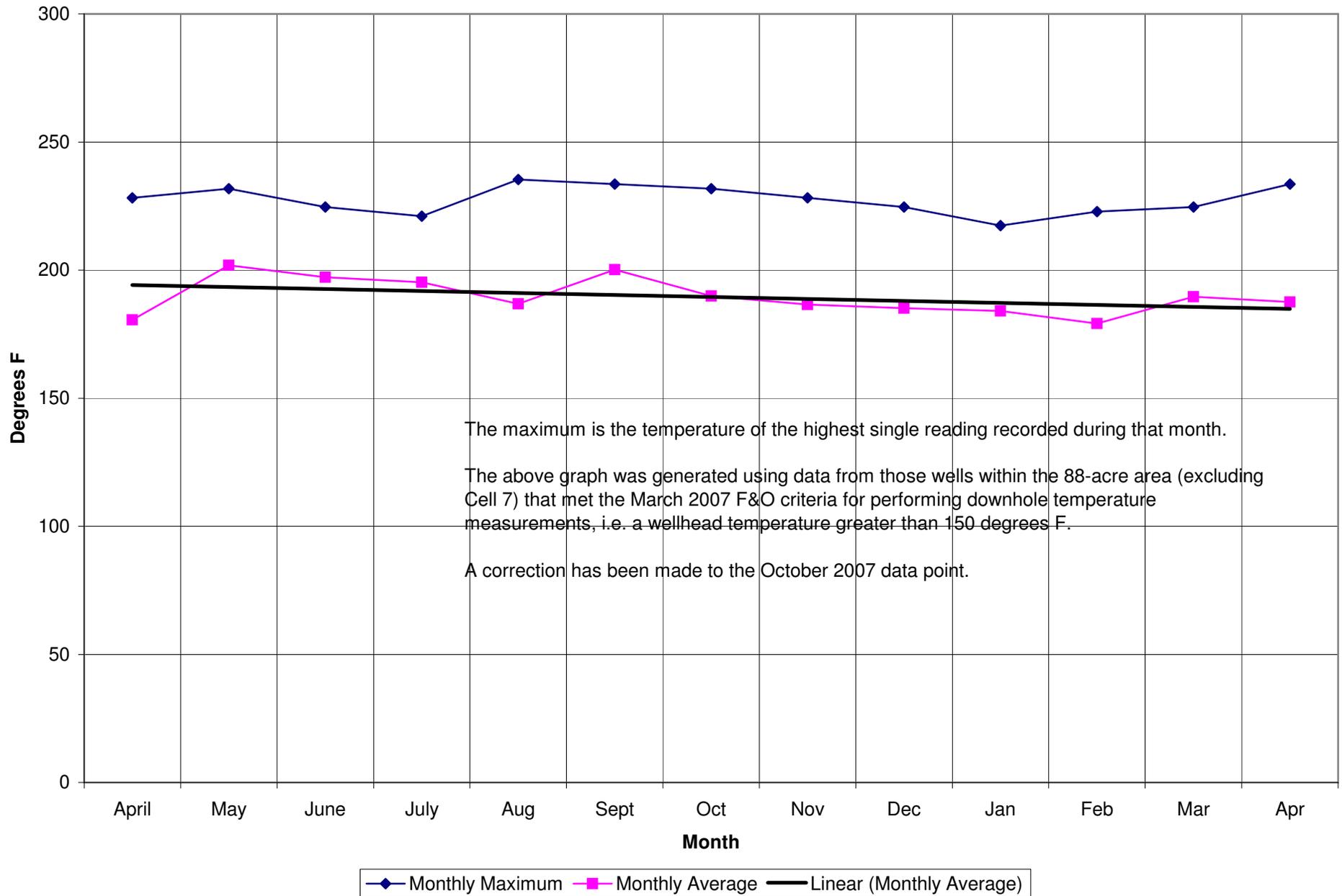
* The estimate of "required" or "goal" items may change as project progresses.

Note: This table presents one-time field activities and does not address recurring activities such as liquid level measurements, downhole temperature profiles, liquid sampling, etc.

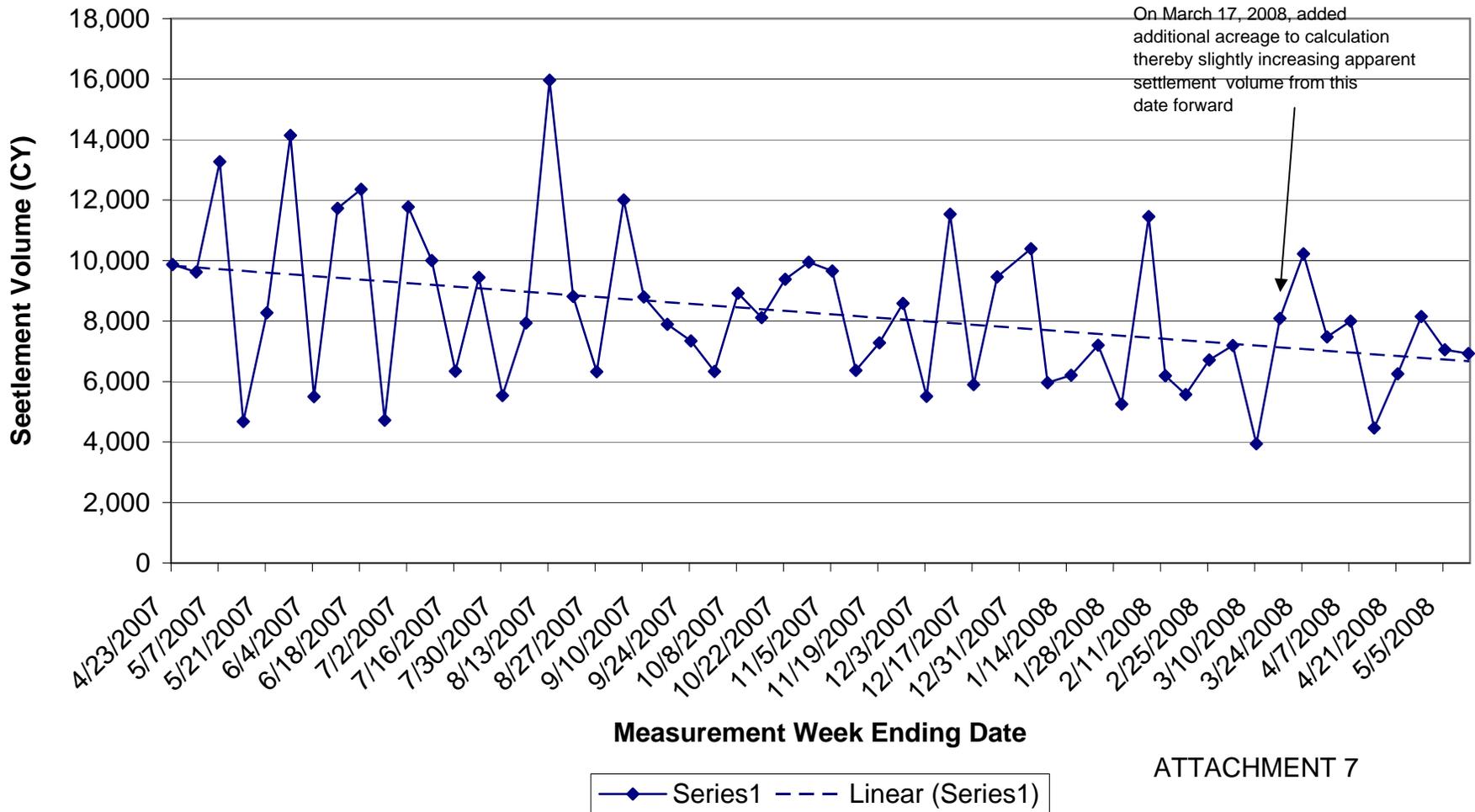
Table 2
Log of Field Activities and Conditions
Per Order No. 2.B of Feb. 7, 2008 Orders

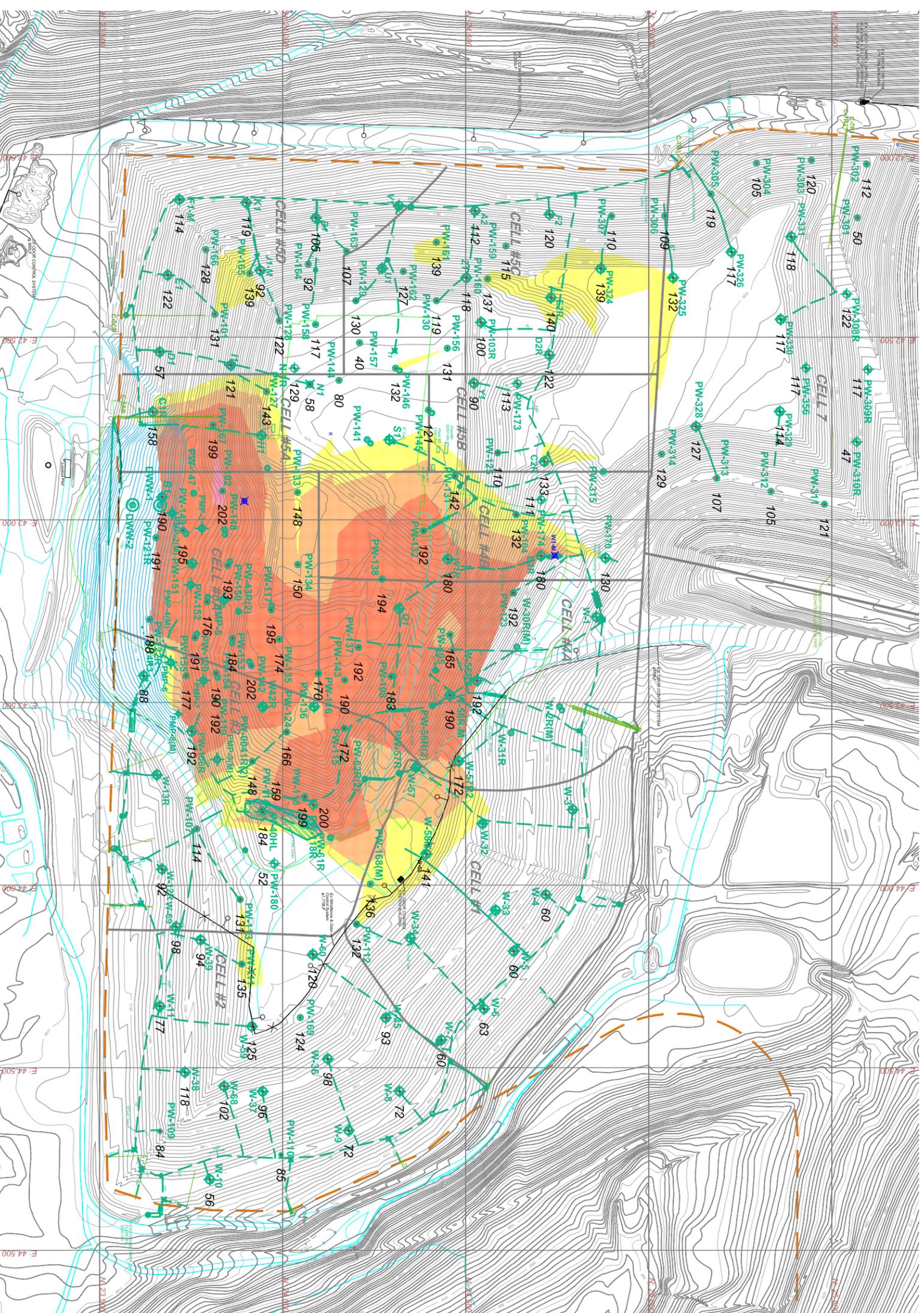
Date	Approx. Time	Contractor	Field Activity or Potentially Odor-Causing Incident.
5/4/08	N/A	N/A	No activities monitored.
5/5/08	7:30 - 17:30	JMW	Periodic Leachate removal from the cap at the Cell 4/Cell 7 temporary cap area at dike
5/5/08	7:30 - 17:30	AEG	Blackhawk pump maintenance.
5/6/08	7:30 - 17:30	AEG	Blackhawk pump maintenance.
5/6/08	7:30 - 15:30	AEG	Lateral installs for new wells in the Cell 4 North slope area
5/6/08	7:30 - 17:30	AEG	Header installation on top of the Cell 7/Cell 8A area
5/6/08	7:30 - 17:30	AEG	Blackhawk pump maintenance.
5/7/08	15:00 - 17:00	AEG	Repair activities for Leachate outbreak at the Cell 5 C/D riser area.
5/7/08	7:30 - 17:30	AEG	Blackhawk pump maintenance.
5/7/08	7:30 - 17:30	AEG	Header installation on top of the Cell 7/Cell 8A area
5/7/08	9:00 - 10:00	LFG Spec	Flare #4 down for insulation of piping
5/8/08	7:00 - 17:30	Frontz	Well maintenance activities at Relief Well #2.
5/9/08	7:30 - 17:30	AEG	Blackhawk pump maintenance.
5/9/08	7:30 - 18:00	Frontz	Well maintenance activities at Relief Well #4.
5/9/08	7:00 - 17:30	AEG	Blackhawk pump maintenance.
5/9/08	8:00 - 9:00	AEG	Crack repair north of RW-4 on top of the 88 acres
5/9/08	9:00 - 9:30	AEG	Crack repair south of RW-4 on top of the 88 acres
5/9/08	7:30 - 17:30	AEG	Blackhawk pump maintenance.
5/10/08	7:30 - 12:30	AEG	Blackhawk pump maintenance.
5/10/08	N/A	N/A	No activities monitored.

Downhole Temperatures Monthly Maximums and Averages



Weekly Settlement Survey in "Reaction Area" Countywide Landfill

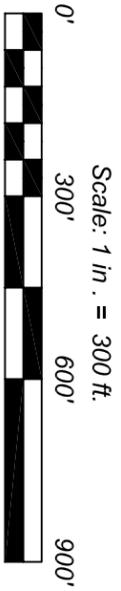
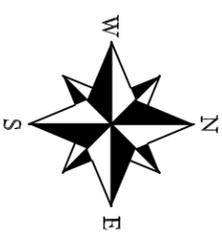




WELL TEMPERATURE

COLOR LEGEND

- Temp Zone(°F)
- Greater Than 131 (9.00 Acres)
 - Greater Than 150 (8.33 Acres)
 - Greater Than 170 (19.99 Acres)
 - Greater Than 200 (0.12 Acre)



Graphic Scale

COUNTYWIDE RDF

REVISIONS	
SCALE "1" = 300' CTR = 2'	PROJECT: GAS CONTROL COLLECTION SYSTEM
SURVEYED: 5/7/08	CHECKED: BWS 5/7/08
DRAWN: LBB 5/7/08	REVISIONS:
CHECKED: BWS 5/7/08	REVISIONS:
REVISED DATE: 5/7/08	REVISIONS:

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SHEET TITLE: INITIAL WELL TEMPERATURES	PROJECT: GAS CONTROL COLLECTION SYSTEM
APRIL 2008	APRIL 2008
FILE ID: WELL TEMPERATURE MAP	SHEET 1 OF 1