

Countywide Recycling and Disposal Facility

Weekly Progress Report

07/11/08

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 July 5, 2008 to July 11, 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 July 11, 2008
Downhole Temp. Graph	2	Updated June 6, 2008
FBMP Max. In-Situ Temp. Graph	3	Updated July 11, 2008
Inclinometer Max. In-Situ Temp. Graph	4	Updated July 11, 2008
Leachate Sump Temperature. Graph	5	Updated June 13, 2008
LCS Temperature Graph	6	Updated June 13, 2008
Weekly Cumulative Sett. Graph	7	Updated July 11, 2008
Quarterly Cumulative Sett. Graph	8	Updated June 27, 2008
CO Graph	9	Updated July 11, 2008
Leachate Volume Graph	10	Updated July 11, 2008
Leachate COD Graph	11	Updated July 11, 2008
Leachate TDS Graph	12	Updated July 11, 2008
Odor (Nasal Ranger) Readings	13	Updated June 20, 2008

<u>Appendices (transmitted separately)</u>	<u>Appendix No.</u>	<u>Comments</u>
Wellhead Temperature Zone Map	A	Updated June 6, 2008
4-Week Cumulative Sett. Front Map	B	Updated June 6, 2008
Carbon Monoxide Zone Map	C	Updated June 20, 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

TABLE 1

**WEEKLY PROGRESS REPORT FOR DECEMBER 31, 2007 F&Os
COUNTYWIDE LANDFILL
WEEK ENDING 07-11-08**

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	To improve uptime for these wells, the fiberglass drive rods are being replaced with steel drive rods. RW-1, 2, and 3 continue to deliver liquid in the 1 to 2 gallon per minute range. RW-4 is currently not pumping, and is in an actively settling area; this situation is under assessment to determine if this well can be satisfactorily maintained.
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.	28 (original goal was 12)	21	4	25	3	The gas well drilling rig remobilized to finish drilling the replacement wells that required steel well casing materials. Four of these were completed this week and the remaining three will be finished next week.
Install Perm. Dewatering Pumps in New and Replacement Gas Wells	ea.	20	18	0	18	0	
Install 4-inch HDPE Liquid Discharge Line for new gas wells	l.f.	2000	2200	0	2200	0	
Install 2-inch HDPE Air Supply Line for new gas wells	l.f.	2000	2200	0	2200	0	
Measure Achievable Drawdown	ea.	73	62	11	73	0	The process of determining the "achievable drawdown" value for each AGEW is complete. During this week and into next week, we will be determining if the target goal of 70% of the well field is sustaining drawdown so that the baseline gas flow measurement can begin.
Establish Baseline Flow	ea.	1	0	0	0	0	If the target goal of 70% of the AGEWs are at or below their respective "achievable drawdown" levels, we will begin the baseline flow measurement next week.

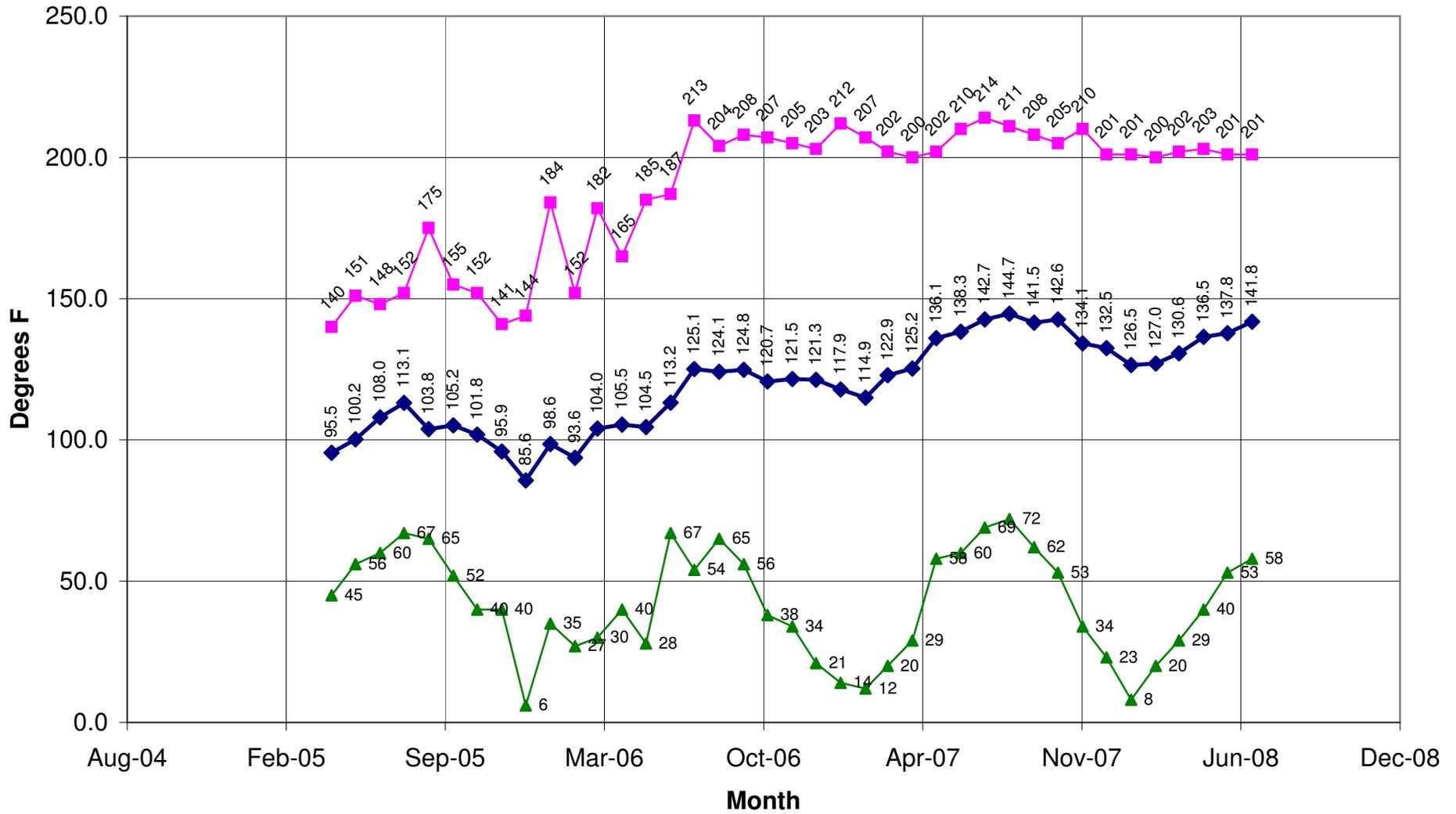
* The estimate of "required" or "goal" items may change as project progresses.

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.
6/29/08	N/A	N/A	No activities monitored.
6/30/08	7:30 - 17:30	AEG	Blackhawk pump maintenance and O&M leachate sampling.
6/30/08	9:00 - 9:30	AEG	Well maintenance activities at Relief Well 4.
6/30/08	7:30	N/A	Odor at the Cell 5 C/D riser.
7/1/08	7:30 - 8:00	AEG	Leachate outbreaks on the south slope of Cell 5.
7/1/08	7:30 - 17:30	AEG	Blackhawk pump maintenance and O&M leachate sampling.
7/1/08	8:30 - 11:00	AEG/JMW	Well maintenance activities at Relief Well 4.
7/1/08	8:15 - 14:00	AEG	Sump installation near Cell 5 C/D riser.
7/1/08	13:30 - 16:15	AEG/JMW	Well maintenance activities at Relief Well 2.
7/2/08	7:30 - 17:30	AEG	Excavation for the LFG system expansion on Cells 7/8A
7/2/08	7:30 - 17:30	AEG	Blackhawk pump maintenance and O&M leachate sampling.
7/2/08	14:00 - 19:30	AEG	Drilling well 131-R on the north face of Cell 5.
7/2/08	8:00 - 11:30	JMW	Leachate next to the top of the buttress road.
7/2/08	8:00 - 15:30	H-C/JMW	Repairs on the defoaming system at the sump near the Cell 5 C/D riser.
7/2/08	8:00 - 13:30	AEG	Repairs on well 149.
7/3/08	8:00	N/A	No activities monitored.
7/4/08	N/A	N/A	No activities monitored.
7/5/08	8:30	AEG	Leachate next to the top of the buttress road.
7/5/08	7:30 - 9:00	AEG	Blackhawk pump maintenance.

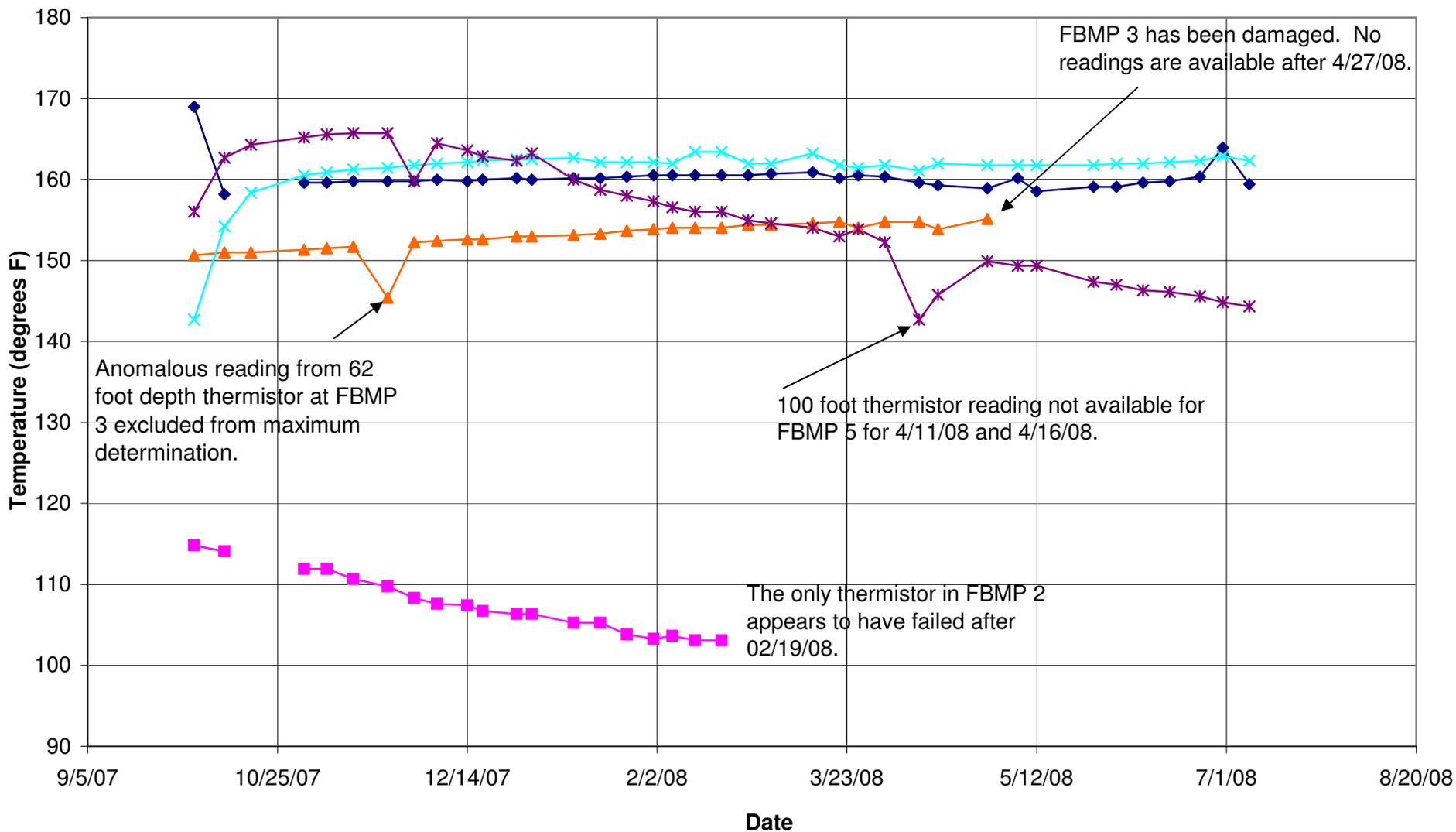
Initial Wellhead Temperatures in the 88-acre Area



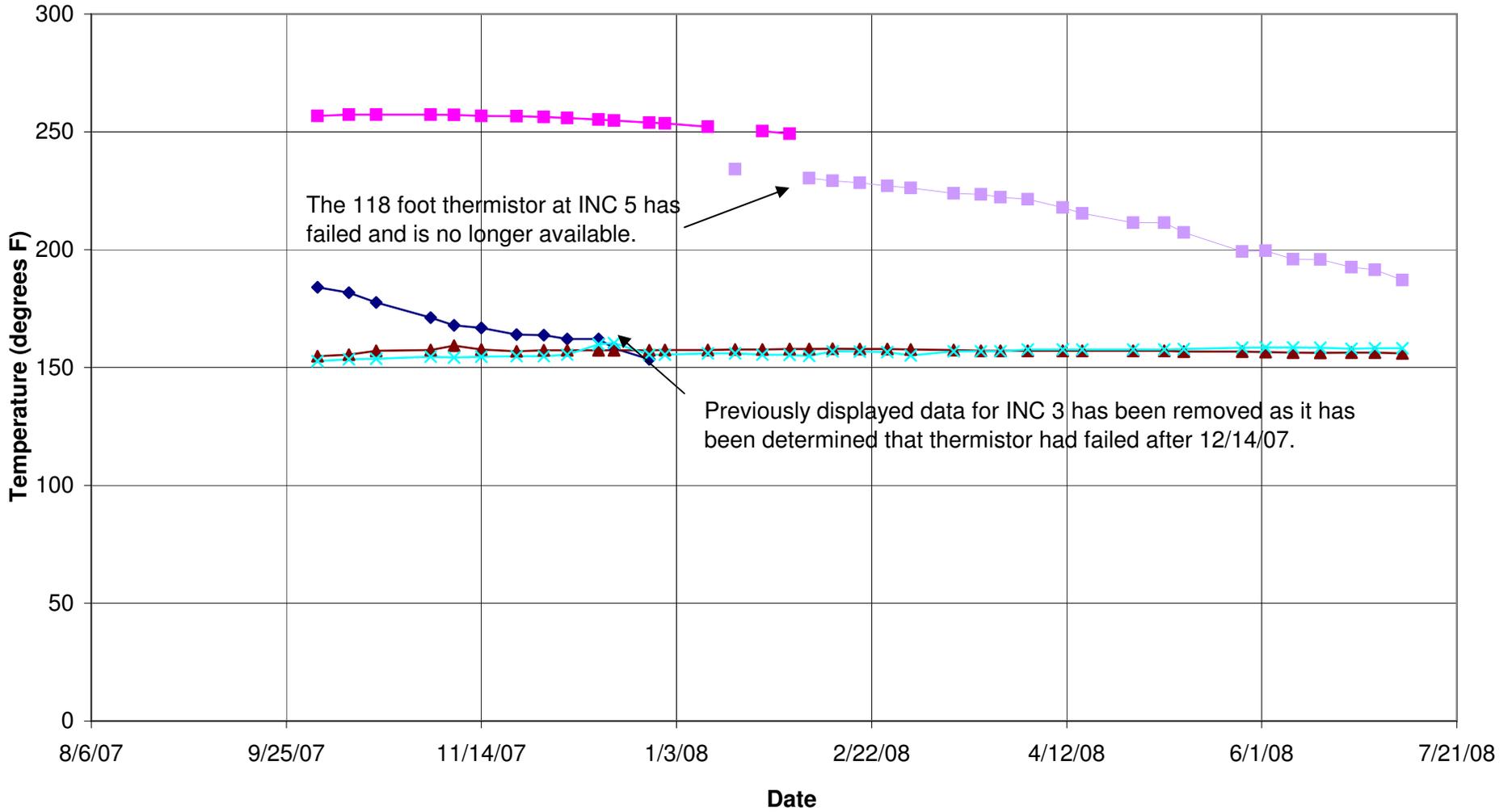
All Cell 7 wells excluded except PW-315.
Anomalous readings from PW-147 excluded for June 2008.

◆ Monthly Average ■ Monthly Maximum ▲ Monthly Minimum

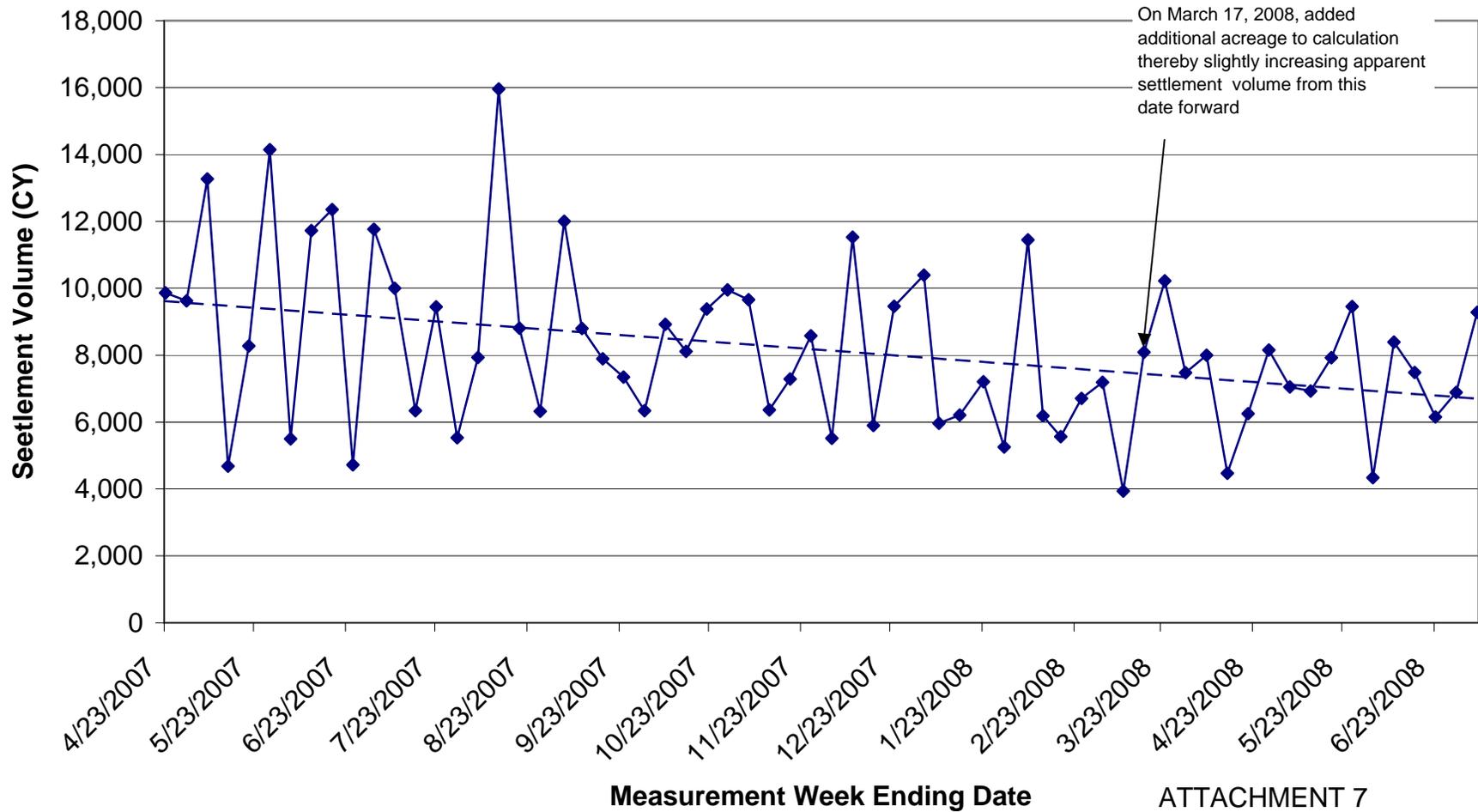
In-situ Temperatures Maximum Readings per Date per Boring



In-situ Temperatures Maximum Readings per Date per Inclinator

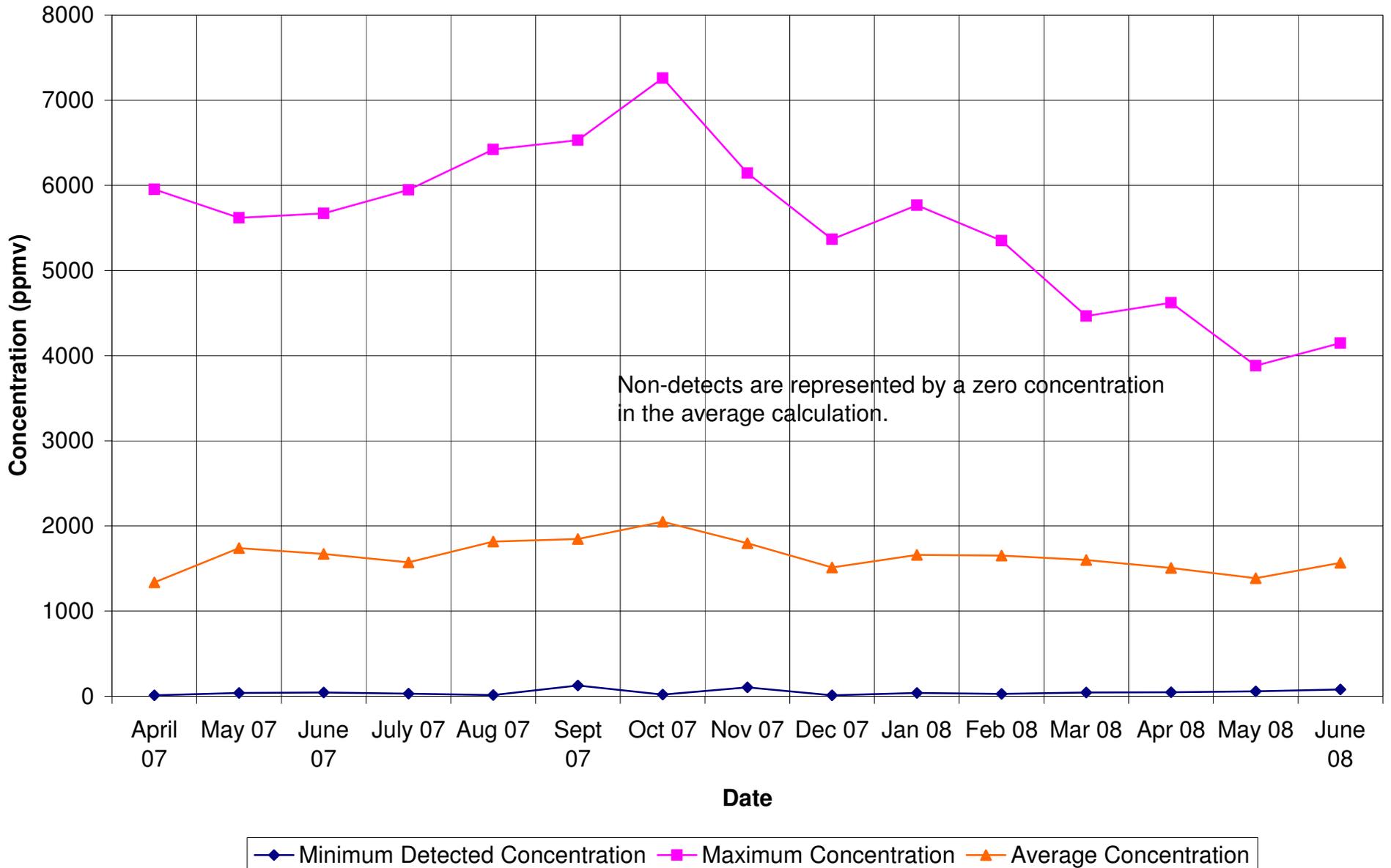


Weekly Settlement Survey in "Reaction Area" Countywide Landfill



On March 17, 2008, added additional acreage to calculation thereby slightly increasing apparent settlement volume from this date forward

Carbon Monoxide Concentrations (Excluding Invalid Sample Results)



**Monthly Leachate Flow from 88-Acre Area
Countywide Landfill**

