

# Countywide Recycling and Disposal Facility

## Weekly Progress Report

### 02/27/09

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 February 21, 2009 to February 27, 2009.**

#### **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 Feb. 20, 2009
Downhole Temp. Graph	2	Updated Jan. 16, 2009
FBMP Max. In-Situ Temp. Graph	3	<b>Updated Feb. 27, 2009</b>
Leachate Sump Temperature. Graph	5	<b>Updated Feb. 27, 2009</b>
LCS Temperature Graph	6	<b>Updated Feb. 27, 2009</b>
Weekly Cumulative Sett. Graph	7	<b>Updated Feb. 27, 2009</b>
Quarterly Cumulative Sett. Graph	8	Updated Dec. 31, 2008
CO Graph	9	<b>Updated Feb. 27, 2009</b>
Leachate Volume Graph	10	Updated Feb. 6, 2009
Leachate COD Graph	11	Updated Jan. 9, 2009
Leachate TDS Graph	12	Updated Jan. 9, 2009
Odor (Nasal Ranger) Readings	13	Updated Jan. 9, 2009

<u>Appendices (transmitted separately)</u>	<u>Appendix No.</u>	<u>Comments</u>
Wellhead Temperature Zone Map	A	Updated Feb. 6, 2009
4-Week Cumulative Sett. Front Map	B	Updated Jan. 30, 2009
Carbon Monoxide Zone Map	C	Updated Feb. 20, 2009

#### **AMBIENT AIR SAMPLING ACTIVITIES LOG**

See attached **Table 2**.

TABLE 1

WEEKLY PROGRESS REPORT FOR DECEMBER 31, 2007 F&Os  
 COUNTYWIDE LANDFILL  
 WEEK ENDING 02-27-09

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	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 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.	37 (original goal was 10)	37	0	37	0	
Replace Compromised Wells	ea.	23 (original goal was 12)	23	0	23	0	
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	2500	0	2500	0	
Install 2-inch HDPE Air Supply Line for new gas wells	l.f.	2000	2500	0	2500	0	
Measure Achievable Drawdown	ea.	73	73	0	73	0	
Establish Baseline Flow	ea.	1	0	0	0	0	

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

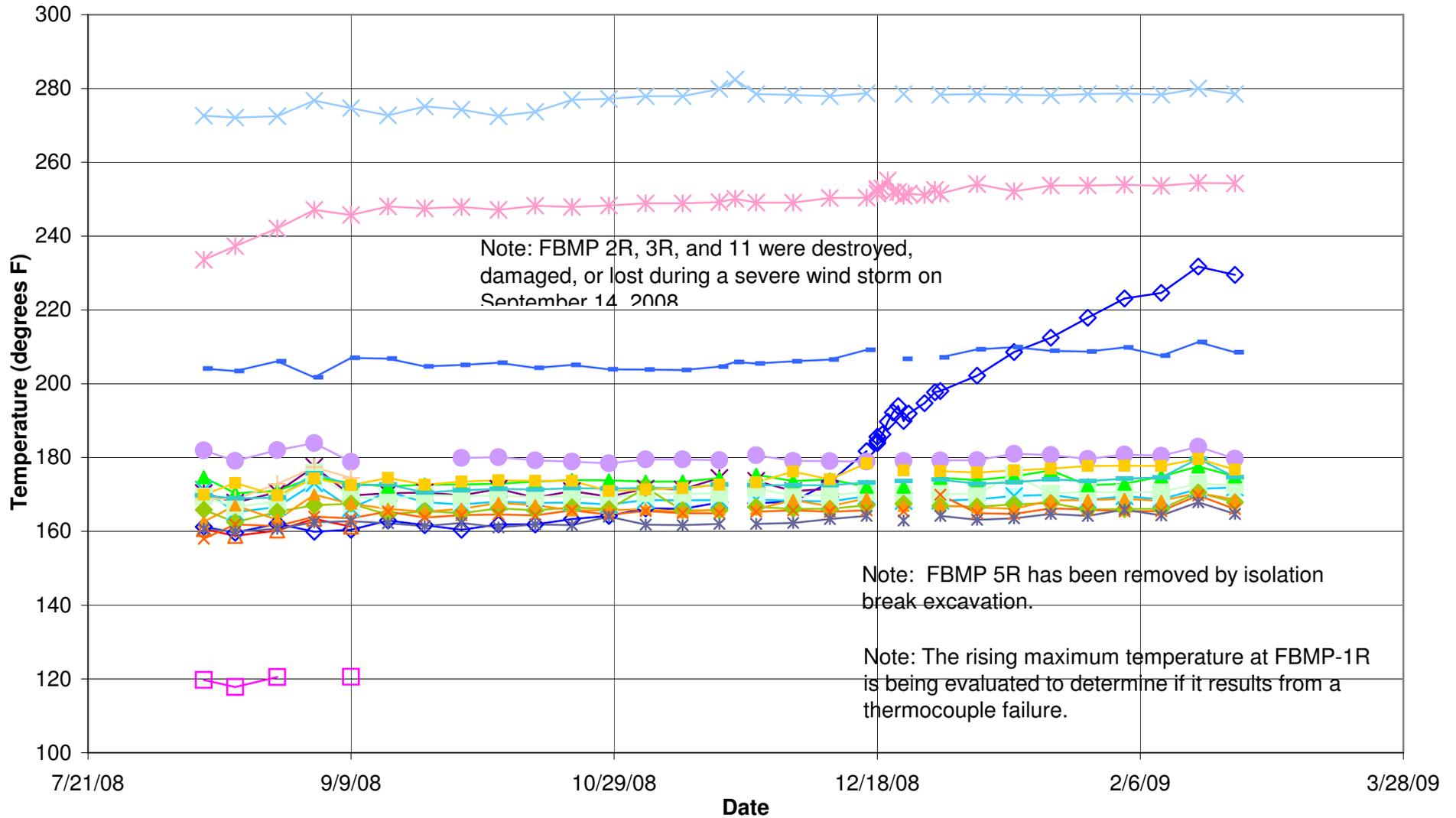
Note: This table presents one-time field activities and does not address recurring activities such as liquid level measurements, downhole temperature profiles, liquid sampling, etc.

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

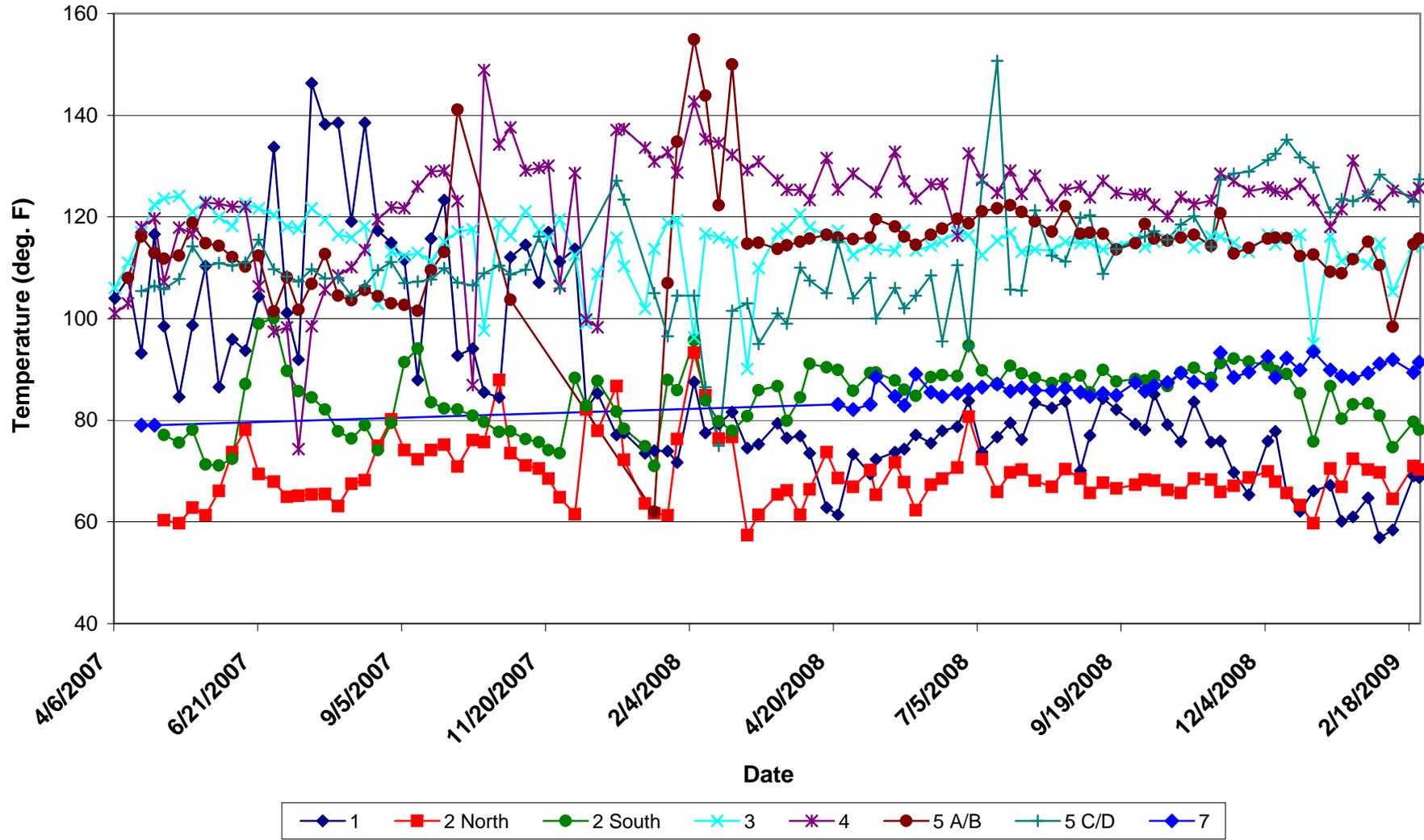
Date	Approx. Time	Contractor	Location	Field Activity or Potentially Odor-Causing Incident.
2/15/09	NA	NA	NA	No activities monitored.
2/16/09	7:00 - 17:30	Beaver	Cell 5/7	Isolation Break activities in the Cell 5/7 area.
2/16/09	7:00 - 17:30	AEG	88 acres	Blackhawk pump maintenance and O&M leachate sampling
2/16/09	13:00 - 15:00	AEG	Cell 5	Repaired broken (T) near Well D1
2/16/09	8:00 - 12:00	AEG	Cell 5	Repaired leaking gasket at connection between LW 14 and force main.
2/17/09	7:00 - 17:30	Beaver	Cell 5/7	Isolation Break activities in the Cell 5/7 area.
2/17/09	7:00 - 17:00	AEG	88 acres	Blackhawk pump maintenance and O&M leachate sampling
2/17/09	8:00 -16:30	AEG	Cell 7	Installed 12" jumper above existing 16" header on East slope of Cell 7
2/18/09	7:00 - 17:30	AEG	88 acres	Blackhawk pump maintenance and O&M leachate sampling
2/18/09	13:00 -16:00	AEG	Cell 5	Repaired liner tear in the Cell 5A bowl area.
2/19/09	7:00 - 17:00	AEG	88 acres	Blackhawk pump maintenance and O&M leachate sampling
2/20/09	7:00 - 17:00	AEG	88 acres	Blackhawk pump maintenance and O&M leachate sampling
2/20/09	7:00 - 17:30	Beaver	Cell 5/7	Isolation Break activities in the Cell 5/7 area.
2/20/09	10:00 -12:00	AEG	Cell 1	Installed clean out for drain line from dripleg near Well W-8
2/21/09	9:00-12:00	AEG	88 acres	Blackhawk pump maintenance and O&M leachate sampling

# In-situ Temperatures Maximum Readings per Date per FBMP Boring

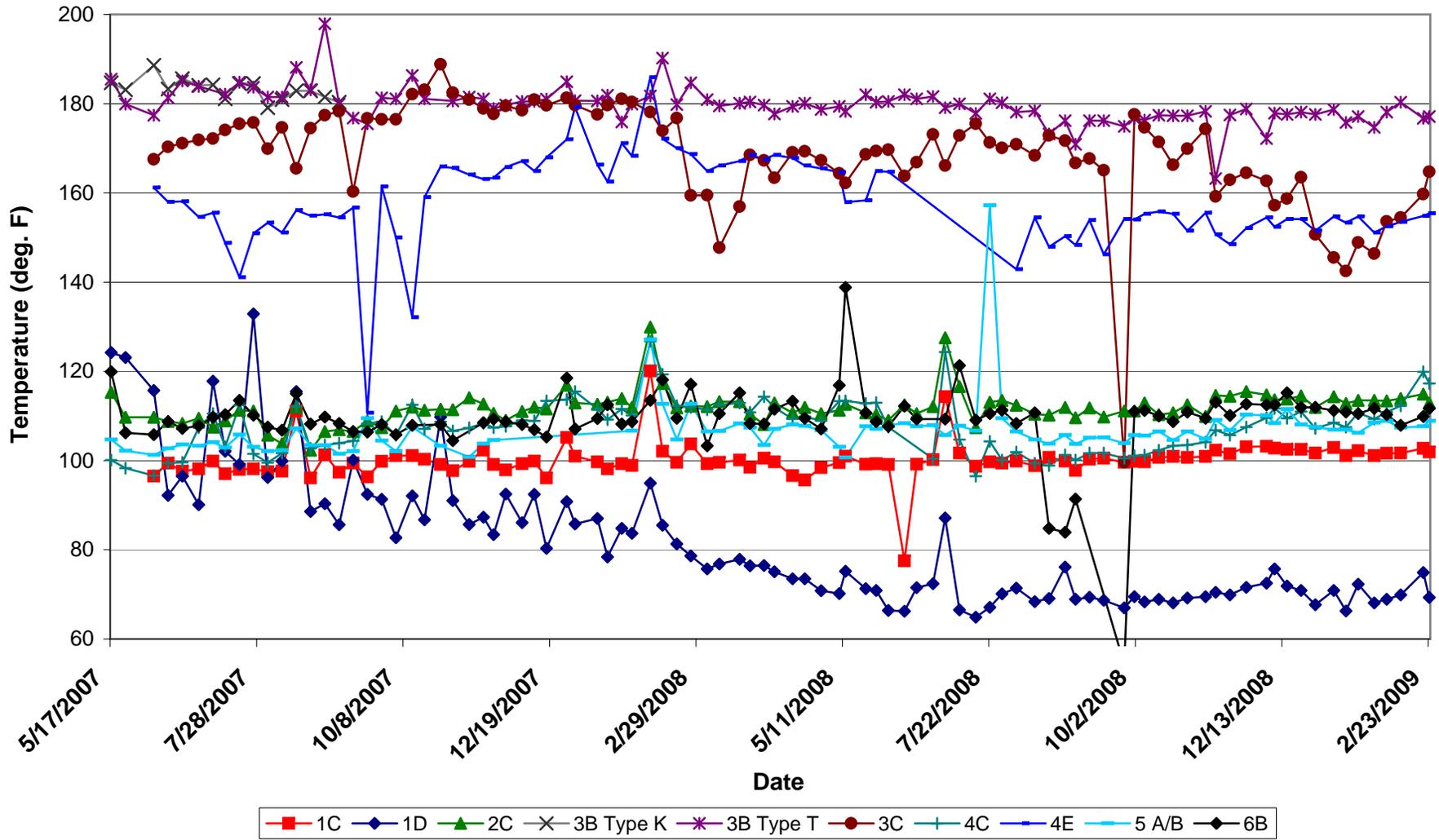
## ATTACHMENT 3



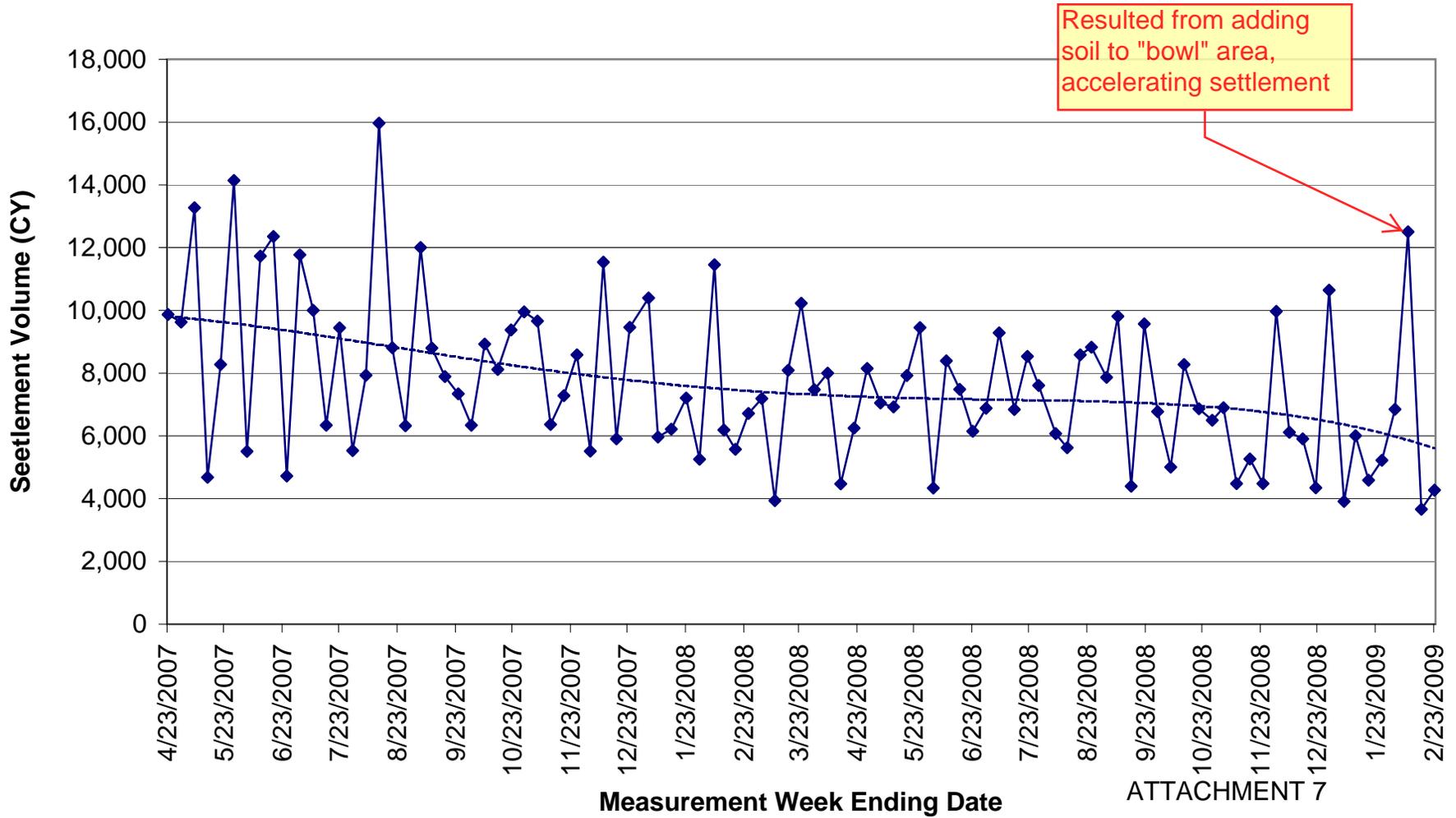
# Weekly Leachate Temperatures in Cell Sump



# Weekly Leachate Cleanout Riser Temperatures

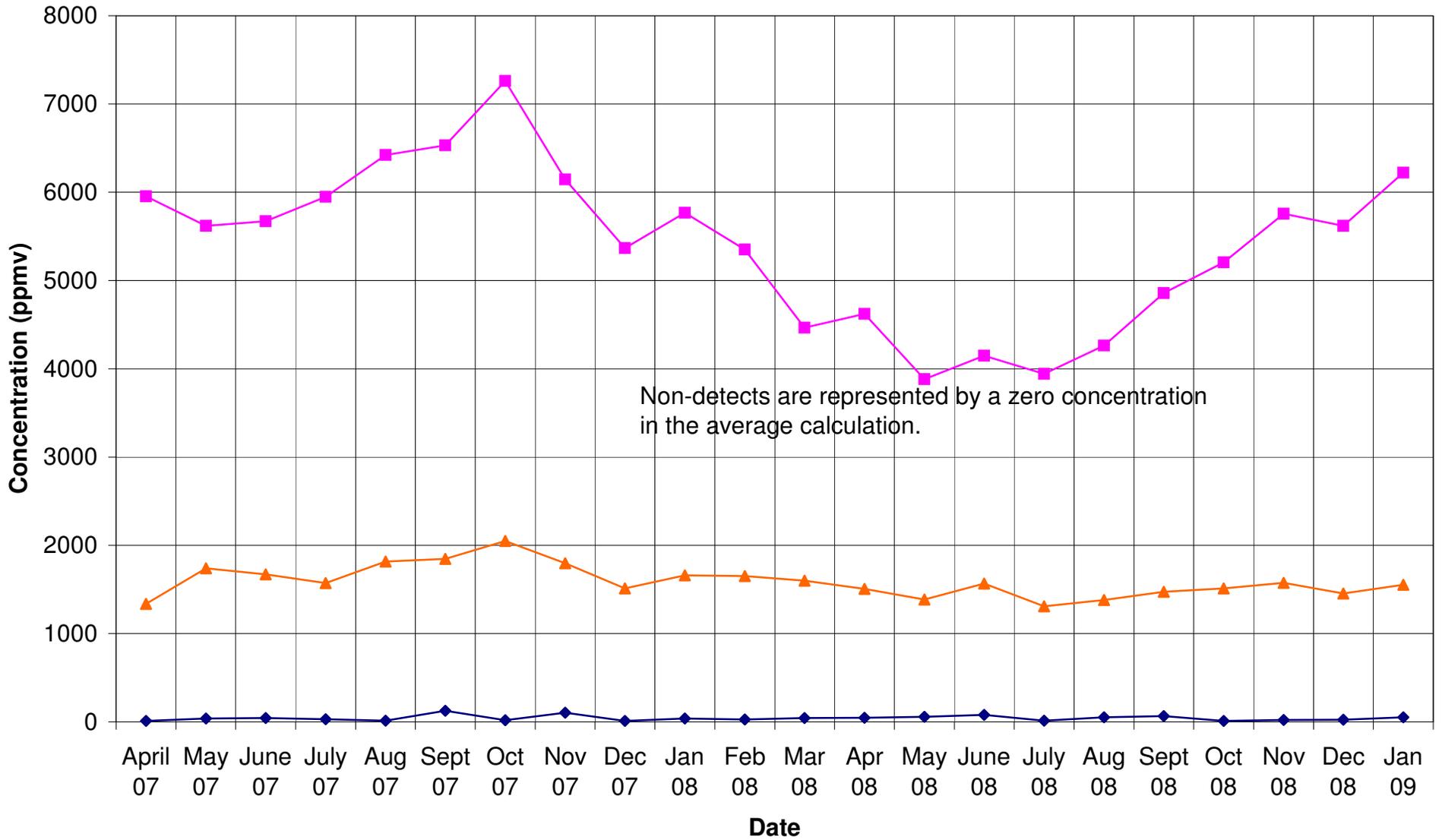


# Weekly Settlement Survey in "Reaction Area" Countywide Landfill



ATTACHMENT 7

## Carbon Monoxide Concentrations (Excluding Invalid Sample Results)



◆ Minimum Detected Concentration   
 ■ Maximum Concentration   
 ▲ Average Concentration