

Countywide Recycling and Disposal Facility

Weekly Progress Report

11/26/08

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 November 22, 2008 to November 26, 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 Nov. 14, 2008 |
| Downhole Temp. Graph | 2 | Updated Nov. 14, 2008 |
| FBMP Max. In-Situ Temp. Graph | 3 | Updated Nov. 26, 2008 |
| INC In-Situ Temp. Graph | 4 | Updated Oct. 10, 2008 |
| Leachate Sump Temperature. Graph | 5 | Updated Nov. 26, 2008 |
| LCS Temperature Graph | 6 | Updated Nov. 26, 2008 |
| Weekly Cumulative Sett. Graph | 7 | Updated Nov. 26, 2008 |
| Quarterly Cumulative Sett. Graph | 8 | Updated Oct. 10, 2008 |
| CO Graph | 9 | Updated Nov. 14, 2008 |
| Leachate Volume Graph | 10 | Updated Nov. 14, 2008 |
| Leachate COD Graph | 11 | Updated Oct. 10, 2008 |
| Leachate TDS Graph | 12 | Updated Oct. 10, 2008 |
| Odor (Nasal Ranger) Readings | 13 | Updated Oct. 31, 2008 |

| <u>Appendices (transmitted separately)</u> | <u>Appendix No.</u> | <u>Comments</u> |
|--|---------------------|-----------------------|
| Wellhead Temperature Zone Map | A | Updated Nov. 14, 2008 |
| 4-Week Cumulative Sett. Front Map | B | Updated Nov. 21, 2008 |
| Carbon Monoxide Zone Map | C | Updated Nov. 21, 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 11-26-08

| 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 | 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 | Full restoration to this system (following capping activities) has been performed. |
| Install 2-inch HDPE Air Supply Line | l.f. | 10500 | 10500 | 0 | 10500 | 0 | Full restoration to this system (following capping activities) has been performed. |
| 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 | Full restoration to this system (following capping activities) has been performed. |
| Install 2-inch HDPE Air Supply Line for new gas wells | l.f. | 2000 | 2500 | 0 | 2500 | 0 | Full restoration to this system (following capping activities) has been performed. |
| Measure Achievable Drawdown | ea. | 73 | 73 | 0 | 73 | 0 | |
| Establish Baseline Flow | ea. | 1 | 0 | 0 | 0 | 0 | Countywide is currently performing a test to measure gain in gas flow vs. drawdown for two wells. |

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

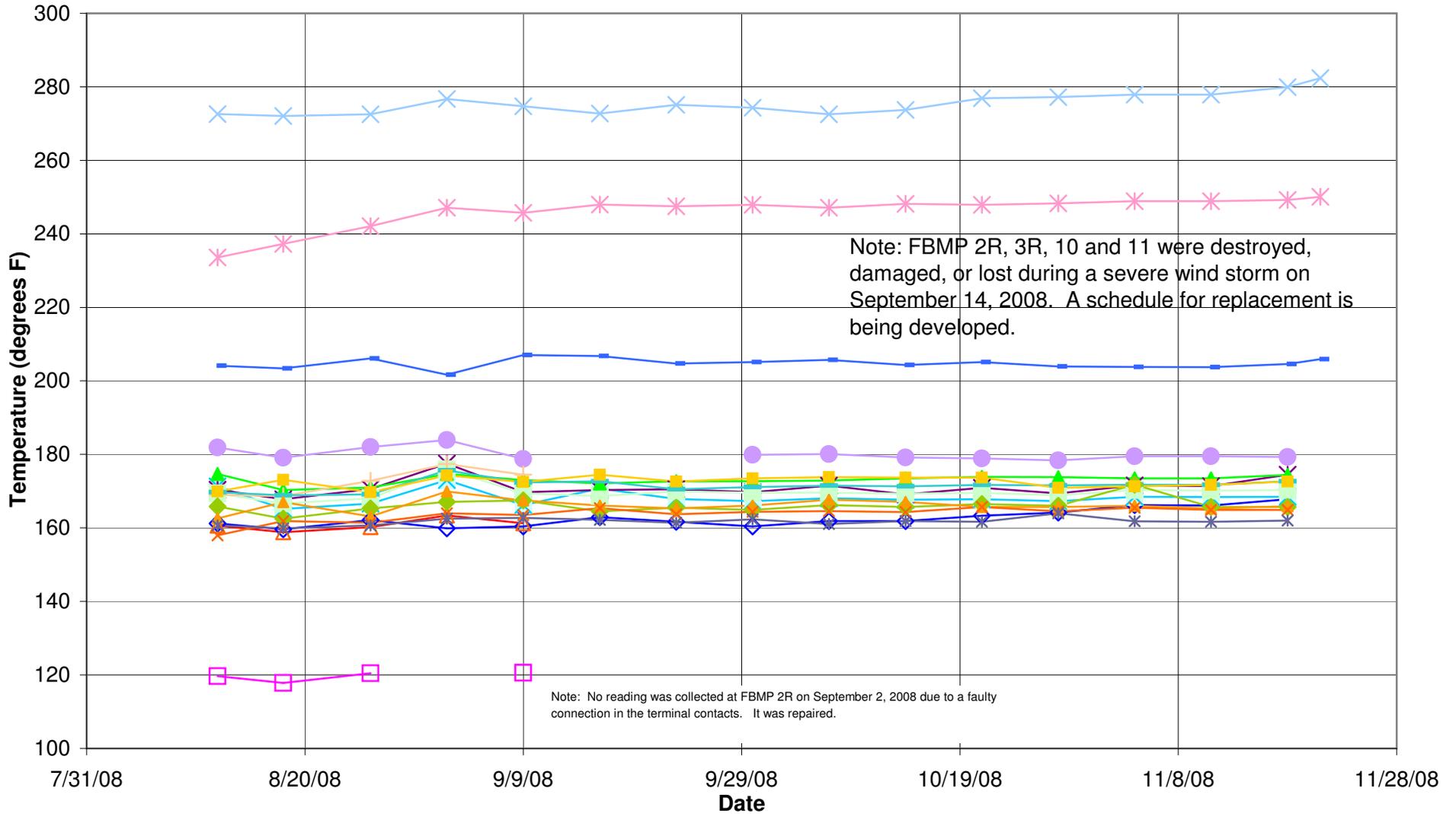
Note: This table presents one-time field activities and does not address recurring activities such as liquid level measurements, downhole temperature profiles, liquid sampling, etc.

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

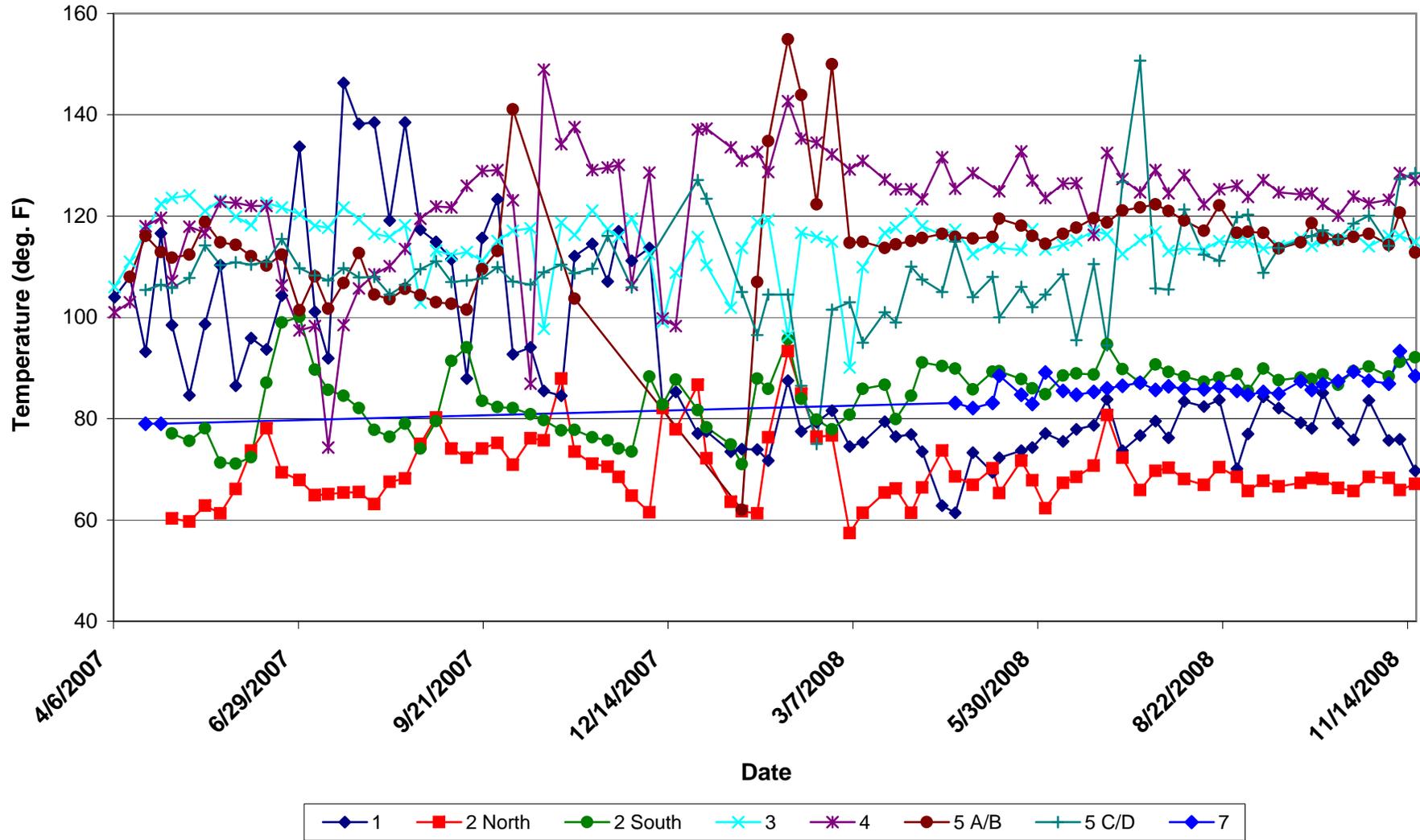
| Date | Approx. Time | Contractor | Location | Field Activity or Potentially Odor-Causing Incident. |
|----------|---------------|------------|------------------|---|
| 11/16/08 | NA | NA | NA | No activities monitored. |
| 11/16/08 | 7:00 - 17:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 11/17/08 | 11:30 - 15:20 | AEG | Flare 1 | Shut down Flare #1 to change out the blower due to cracking |
| 11/17/08 | 7:00 - 17:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 11/18/08 | 7:00 - 17:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 11/19/08 | 8:30 - 9:30 | AEG | SW Cell 5 | AEG fixed riser that leachate leaked out from |
| 11/19/08 | 10:00 - 11:00 | AEG | Cell 5 C/D | AEG fixed vacuum where leachate and moisture condensate was found at D1/near Cell 5 C/D riser |
| 11/19/08 | 7:00 - 17:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 11/20/08 | 7:00 - 17:00 | AEG | Top of Cell 7 | Drilling and setting PW-376 |
| 11/20/08 | 8:00 - 17:00 | ET | Cell 5 bowl area | Backfilling bowl area for odors |
| 11/20/08 | 8:00 - 12:00 | AEG | East Area "D" | Cut the base liner in Area "D" to install grit chamber |
| 11/20/08 | 7:00 - 17:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 11/21/08 | 7:00 - 17:00 | AEG | Top of Cell 7 | Drilling and setting PW-375 |
| 11/21/08 | 8:00 - 17:00 | JMW | Top of Cell 8A | Installing refuse fence |
| 11/21/08 | 7:00 - 17:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 11/22/08 | 8:00 - 16:30 | JMW | Top of Cell 8A | Installing refuse fence |
| 11/22/08 | 7:00 - 15:00 | AEG | 88 acres | Blackhawk pump maintenance |

In-situ Temperatures Maximum Readings per Date per FBMP Boring

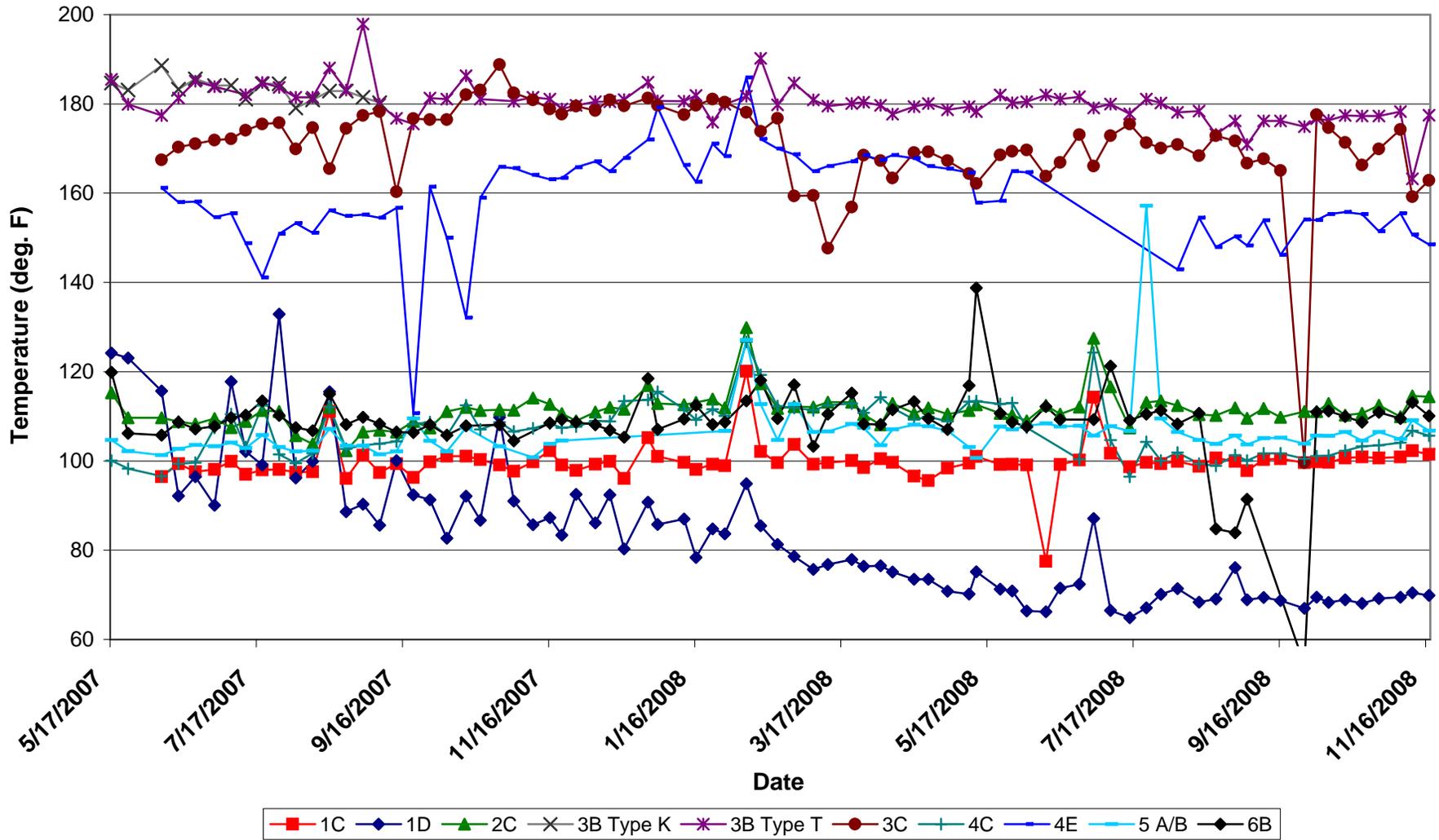
ATTACHMENT 3



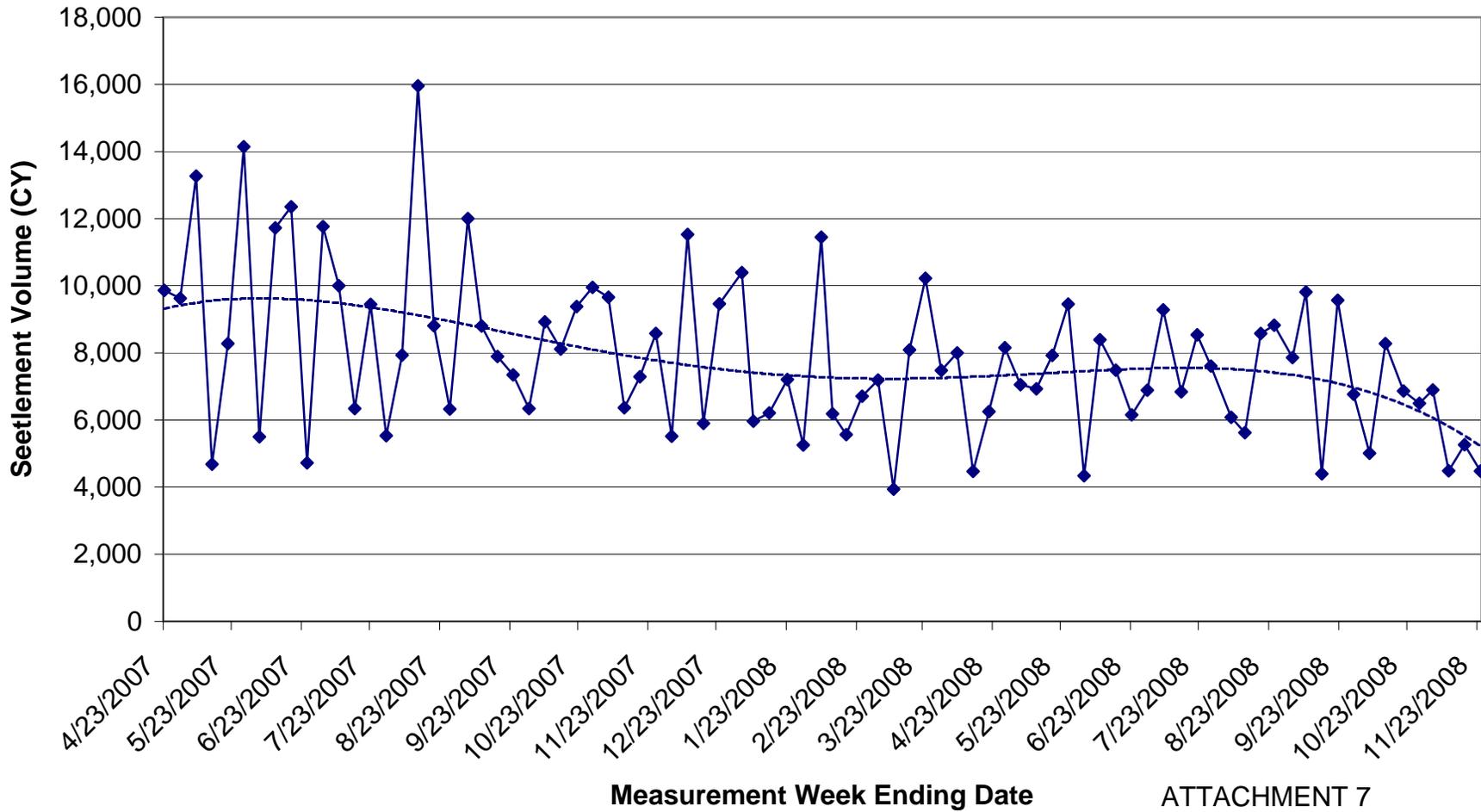
Weekly Leachate Temperatures in Cell Sump



Weekly Leachate Cleanout Riser Temperatures



Weekly Settlement Survey in "Reaction Area" Countywide Landfill



ATTACHMENT 7