

# Countywide Recycling and Disposal Facility

## Weekly Progress Report

### 02/22/08

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 February 16, 2008 to February 22, 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 Feb 15, 2008
Downhole Temp. Graph	2	Updated Feb. 15, 2008
FBMP Max. In-Situ Temp. Graph	3	Updated Feb. 15, 2008
Inclinometer Max. In-Situ Temp. Graph	4	Updated Feb. 15, 2008
Leachate Sump Temperature. Graph	5	<b>Updated Feb. 22, 2008</b>
LCS Temperature Graph	6	<b>Updated Feb. 22, 2008</b>
Weekly Cumulative Sett. Graph	7	<b>Updated Feb. 22, 2008</b>
Quarterly Cumulative Sett. Graph	8	Updated Jan. 4, 2008
CO Graph	9	Updated Feb. 1, 2008
Leachate Volume Graph	10	Updated Feb. 8, 2008
Leachate COD Graph	11	Updated Feb. 8, 2008
Leachate TDS Graph	12	Updated Feb. 8, 2008
<u>Appendices (transmitted separately)</u>	<u>Appendix No.</u>	<u>Comments</u>
Wellhead Temperature Zone Map	A	Updated Feb. 1, 2008
4-Week Cumulative Sett. Front Map	B	Updated Jan. 25, 2008
Carbon Monoxide Zone Map	C	Updated Feb. 1, 2008

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

Per Order 2.B of the February 7, 2008 F&Os, Countywide "shall keep a log of all field activities that occur and conditions observed at the landfill during a forty-eight (48) hour-plus period beginning twenty-four (24) hours before a sample canister is placed at the first of the four sites sampled and ending when the sample canister is collected at the last of four sites sampled..." To meet this requirement, Countywide has started to compile observations on a log of activities. This log will be presented as Table 2 of the Weekly Progress Report, and will summarize the prior week's activities.

## **OUTSTANDING ISSUES**

Significant documents pending approval:

- Fire Suppression Plan submitted May 25, 2007
- Permit-to-Install (PTI) "Needs Analysis" submitted May 29, 2007
- Data Reduction Request submitted September 6, 2007
- Dewatering and EGES Enhancement Work Plan submitted on Jan. 14, 2008
- West Slope Monitoring Reduction Request submitted on Jan. 16, 2008.

**TABLE 1**  
**WEEKLY PROGRESS REPORT FOR DECEMBER 31, 2007 F&Os**  
**COUNTYWIDE LANDFILL**  
**WEEK ENDING 02-22-08**

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	0	0	0	1	Layne-Christensen drilled throughout the week. By Sunday, Feb. 17, the four surface casings had been completed by the bucket auger. Rotary drilling on RW-1 was started on Saturday, Feb. 16 and as of as of Feb. 22 was had been drilled to its target depth of 97 feet, with installation of the well casing and materials in progress. Cold weather has hampered the rotary drilling progress, so on Feb. 20, Countywide submitted a request to extend the deadline for installing the first two RW wells until March 14. The remaining two are still scheduled to be completed by March 28.
Install Perm. Dewatering Pumps and Infrastructure	ea.	44	44	0	44	0	Have fully satisfied the requirement to have at least 37 pumps in by Feb. 15. and have installed pumps in all wells as identified in the Dewatering Work Plan (which was submitted this week on Jan. 14). Emphasis will now be placed on increasing uptime of pumps and working toward a fully-operation field.
Install 4-inch HDPE Liquid Discharge Line	l.f.	3200	2870	0	2870	0	Have fully satisfied the requirement for a minimum 37 gas wells required by Feb. 15. Misc. connections are being made to connect the remaining 7 pump-equipped gas wells.
Install 2-inch HDPE Air Supply Line	l.f.	10500	9545	0	9545	0	Have fully satisfied the requirement for a minimum 37 gas wells required by Feb. 15. Misc. connections are being made to connect the remaining 7 pump-equipped gas wells.
Install and Test Compressors	ea.	2	1	1	2	0	Both new compressors are in place and in service, meeting the F&O required schedule of Jan. 31. Emphasis is now on fine-tuning the compressed air distribution system.
Relocate Flares from Top of Landfill	ea.	2	0	0	0	0	Infrastructure for the relocation for both flares was worked on this week. The committed schedule for relocating the flares is May 12, but we expect to have both done before the end of February.
Install New Gas Wells	ea.	10	0	0	0	0	The gas well drilling rig will arrive on site Friday, Feb. 22 and will start drilling Monday, Feb. 25. The order of well drilling will be based on suitable access, so new gas wells will be done intermingled with replacement wells.
Replace Compromised Wells	ea.	12	0	0	0	0	The gas well drilling rig will arrive on site Friday, Feb. 22 and will start drilling Monday, Feb. 25. The order of well drilling will be based on suitable access, so new gas wells will be done intermingled with replacement wells.
Install 4-inch HDPE Liquid Discharge Line for new gas wells	l.f.	600	0	0	0	0	To be started concurrent with drilling of new and replacement wells in Feb.
Install 2-inch HDPE Air Supply Line for new gas wells	l.f.	1000	0	0	0	0	To be started concurrent with drilling of new and replacement wells in Feb.
Measure Achievable Drawdown	ea.	99	0	0	0	0	This process is scheduled to start after new and replacement wells are in place and after the pumping system has been operating well. Currently, this task is scheduled to begin May 20.
Establish Baseline Flow	ea.	1	0	0	0	0	This will be performed after measuring achievable drawdown and is estimated to be completed July 2.

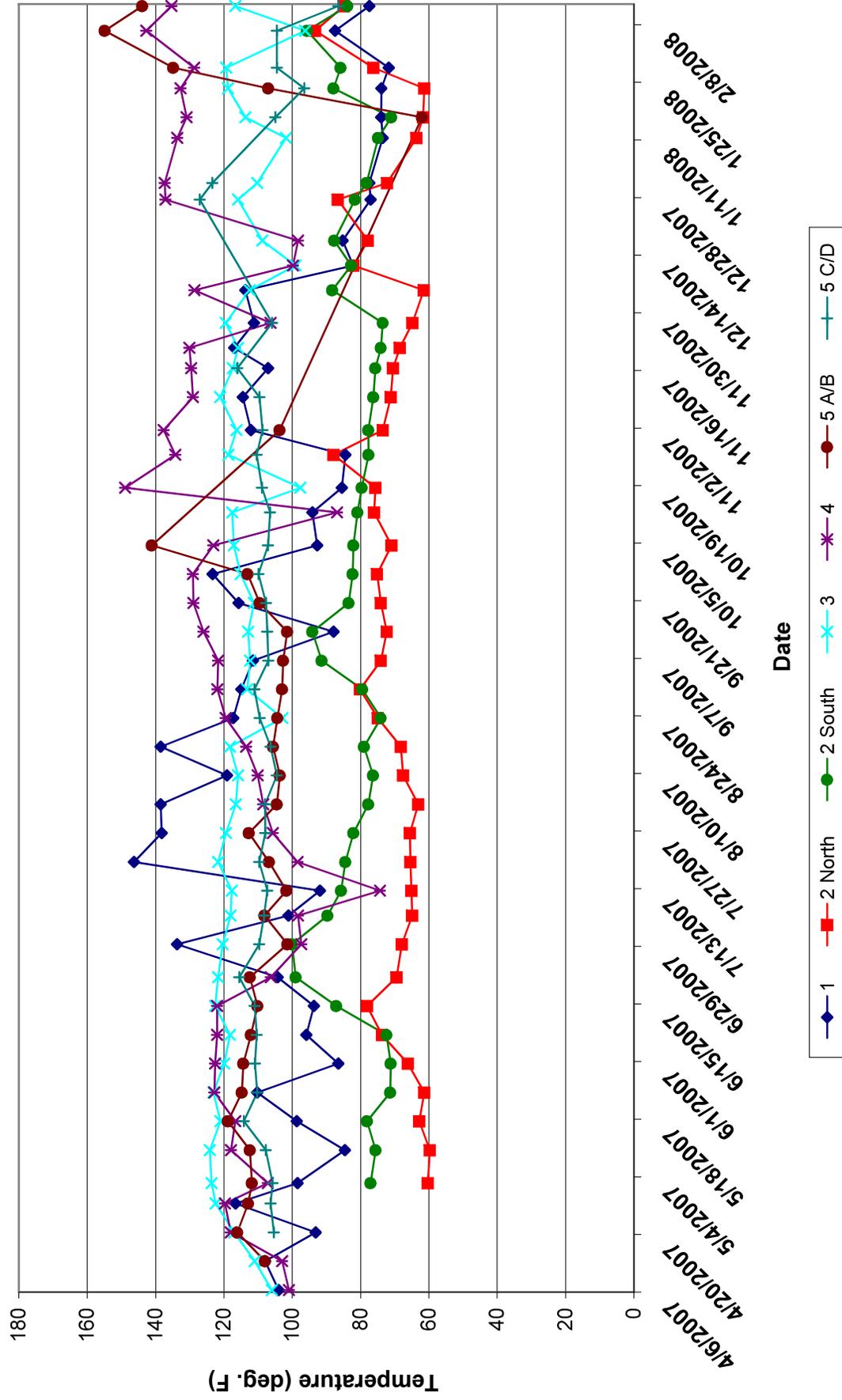
\* The estimate of "required" or "goal" items may change as project progresses.

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.

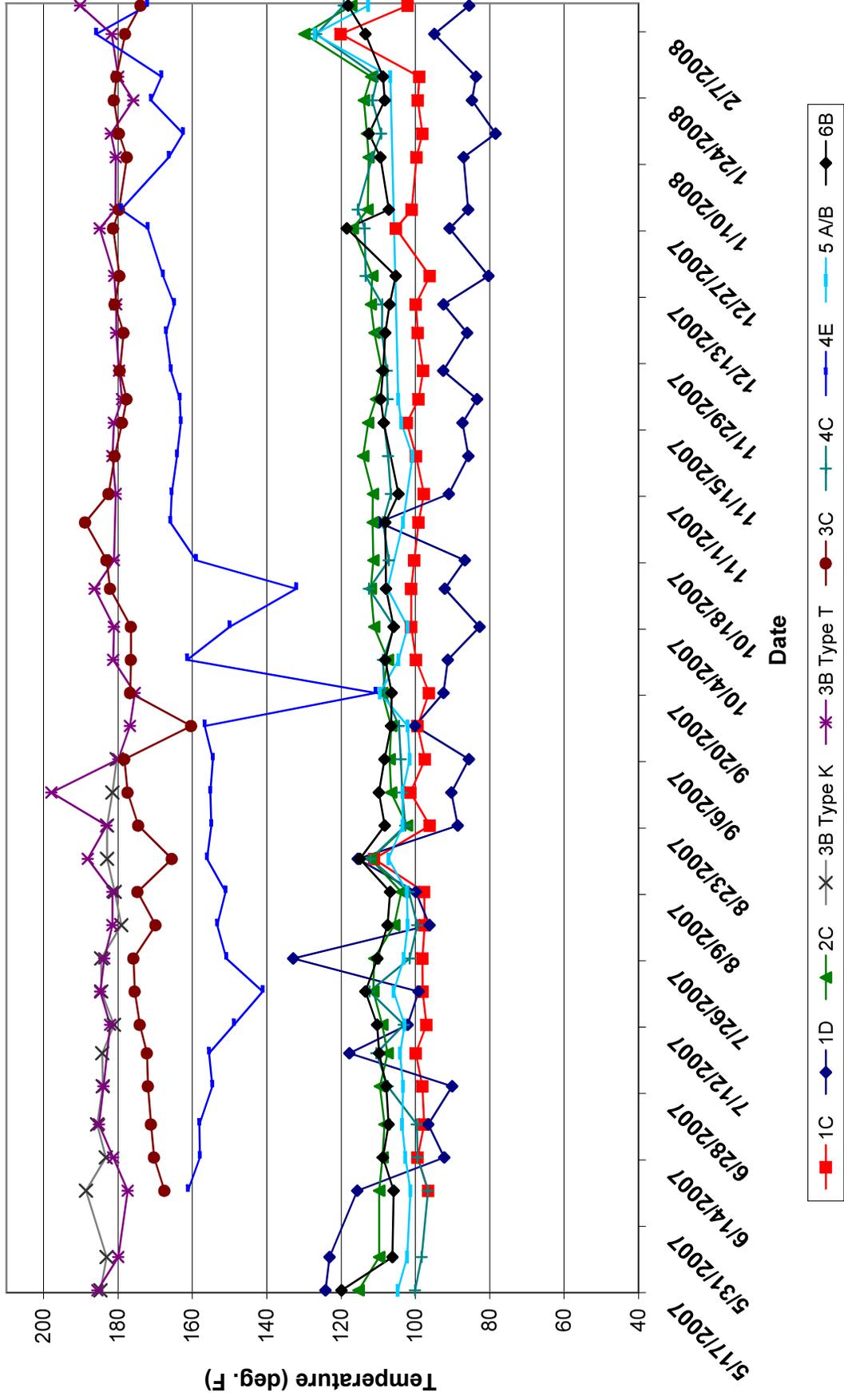
**TABLE 2**  
**Log of Field Activities and Conditions Countywide Recycling and Disposal Facility**  
**Per Order No. 2.B of Feb. 7, 2008 Orders**

Date	Approx. Time	Contractor	Field Activity or Potentially Odor-Causing Incident
2/9/08	7 AM - 12 PM	AEG	Blackhawk pump maintenance
2/11/08	7 AM - 5 PM	AEG	Blackhawk pump maintenance
2/12/08	7 AM - 5 PM	AEG	Blackhawk pump maintenance, Flare #4 maintenance
2/13/08	7 AM - 5 PM	AEG	Blackhawk pump maintenance, Flare #4 maintenance
2/14/08	7 AM - 7 PM	Layne/Reynolds	Bucket auger drilling for surface casing @ RW-1 location.
	7 AM - 5 PM	AEG	Blackhawk pump maintenance
2/15/08	7 AM - 7 PM	Layne/Reynolds	Bucket auger drilling for surface casing @ RW-1 location, Flare #4 maintenance.
	7 AM - 5 PM	AEG	Blackhawk pump maintenance
2/16/08	7 AM - 7 PM	Layne/Reynolds	Bucket auger drilling for surface casing @ RW-2 and RW-4 locations.
	7 AM - 5 PM	AEG	Blackhawk pump maintenance

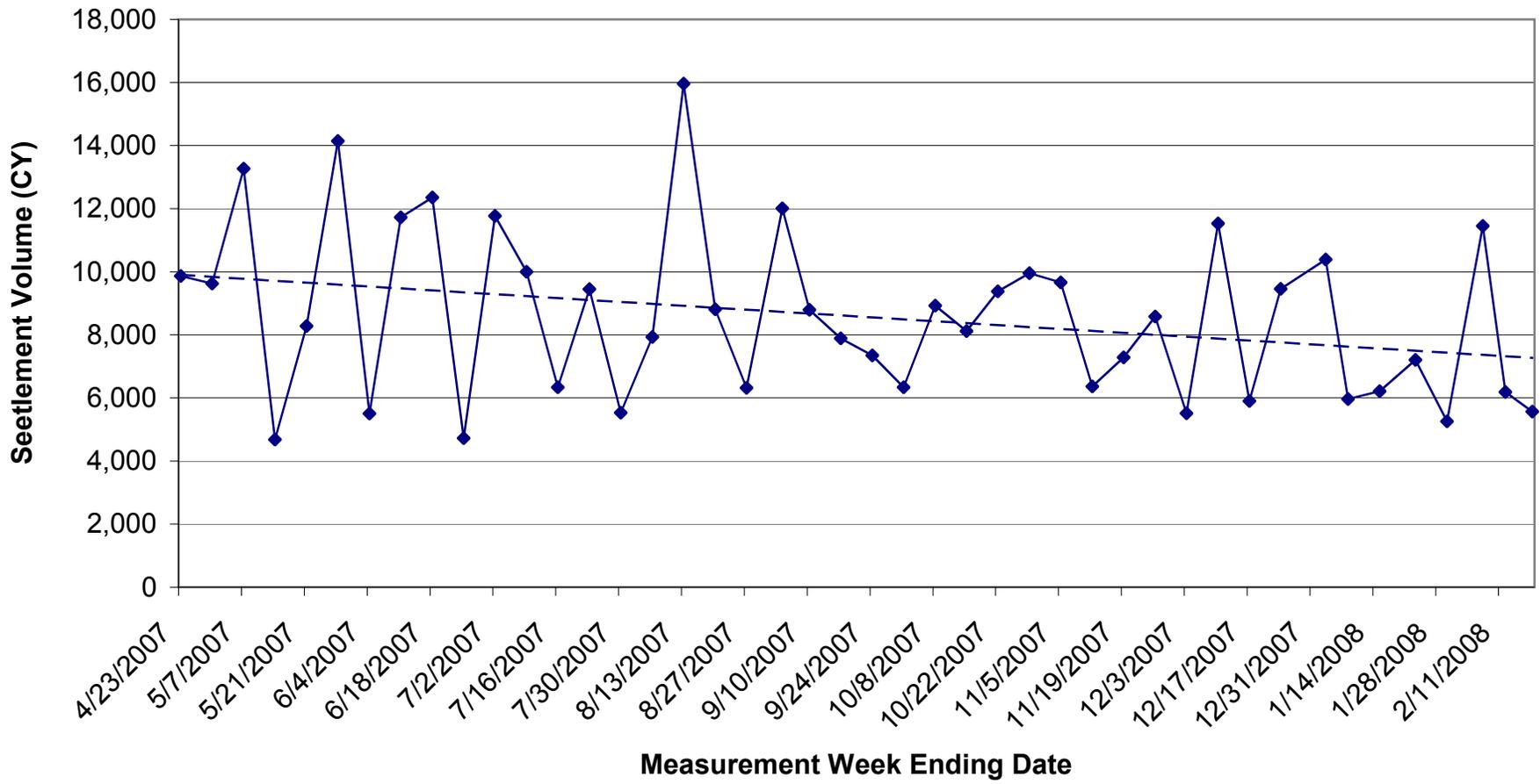
# Weekly Leachate Temperatures in Cell Sump



# Weekly Leachate Cleanout Riser Temperatures



# Weekly Settlement Survey in "Reaction Area" Countywide Landfill



—◆— Settlement Volume    - - - Linear (Settlement Volume)