

# Countywide Recycling and Disposal Facility

## Weekly Progress Report

### 03/14/08

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 March 8, 2008 to March 14, 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 March 7, 2008
Inclinometer Max. In-Situ Temp. Graph	4	Updated March 7, 2008
Leachate Sump Temperature. Graph	5	<b>Updated March 14, 2008</b>
LCS Temperature Graph	6	<b>Updated March 14, 2008</b>
Weekly Cumulative Sett. Graph	7	Updated March 7, 2008
Quarterly Cumulative Sett. Graph	8	Updated Jan. 4, 2008
CO Graph	9	Updated Feb. 1, 2008
Leachate Volume Graph	10	Updated March 7, 2008
Leachate COD Graph	11	Updated Feb. 29, 2008
Leachate TDS Graph	12	Updated Feb. 29, 2008

<u>Appendices (transmitted separately)</u>	<u>Appendix No.</u>	<u>Comments</u>
Wellhead Temperature Zone Map	A	Updated March 7, 2008
4-Week Cumulative Sett. Front Map	B	Updated Feb. 29, 2008
Carbon Monoxide Zone Map	C	Updated Feb. 1, 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
- 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.
- Work Plan for Additional Ambient Air Testing, submitted Feb. 22, 2008
- South Slope Phase II Investigation Work Plan submitted on March 3, 2008
- PTI Modification Extension Request submitted March 11, 2008

**TABLE 1**  
**WEEKLY PROGRESS REPORT FOR DECEMBER 31, 2007 F&Os**  
**COUNTYWIDE LANDFILL**  
**WEEK ENDING 03-14-08**

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	1	1	2	2	RW-1 is complete. Drilling progressed on RW-2 and RW-3 throughout this week.
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 on Jan. 14). Freezing has limited the uptime of the pumps to this date. However, with warmer weather on the way, 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	3000	0	3000	0	Have fully satisfied the requirement for a minimum 37 gas wells required by Feb. 15.
Install 2-inch HDPE Air Supply Line	l.f.	10500	10300	0	10300	0	Have fully satisfied the requirement for a minimum 37 gas wells required by Feb. 15.
Install and Test Compressors	ea.	2	2	0	2	0	Both new compressors are in place and in service, meeting the F&O required schedule of Jan. 31. It has been determined that a third, large electric air compressor will be needed to supply the 99 pumps currently installed. The compressor has assembled. When weather allows access to the new compressor installation location, new pole-mounted transformers will be installed, the compressor pad will be constructed, and the assembled compressor will be installed in-place.
Relocate Flares from Top of Landfill	ea.	2	0	0	0	0	The committed schedule for relocating the flares is May 12. No work was performed this period due to poor weather and access conditions.
Install New Gas Wells	ea.	14 (original goal was 10)	2	3	5	4	New gas well drilling began on, Monday, March 3. Drilling progress has been severely hampered by snow, rain, freeze, thaw, and related limitations to access proposed drilling locations. In addition, Countywide has elected to add three more new gas wells in the Cell 7 area and may add more yet. At this time, it is estimated that, due to progress being hampered by weather, and the addition of more wells, it will take until late April to complete this work.
Replace Compromised Wells	ea.	22 (original goal was 12)	5	0	5	1	Replacement as well drilling began on Tuesday, Feb. 26. Three more replacement gas wells have been added to the proram since the last weekly update. See narrative for "Install New Gas Wells" above for more information.
Install 4-inch HDPE Liquid Discharge Line for new gas wells	l.f.	600	0	0	0	0	An assessment will be made to determine if the new and replacement wells need a pump after the first liquid level monitoring event following installation. If a pump is needed, the air and liquid conveyance lines will be promptly installed.
Install 2-inch HDPE Air Supply Line for new gas wells	l.f.	1000	0	0	0	0	An assessment will be made to determine if the new and replacement wells need a pump after the first liquid level monitoring event following installation. If a pump is needed, the air and liquid conveyance lines will be promptly installed.
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 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.

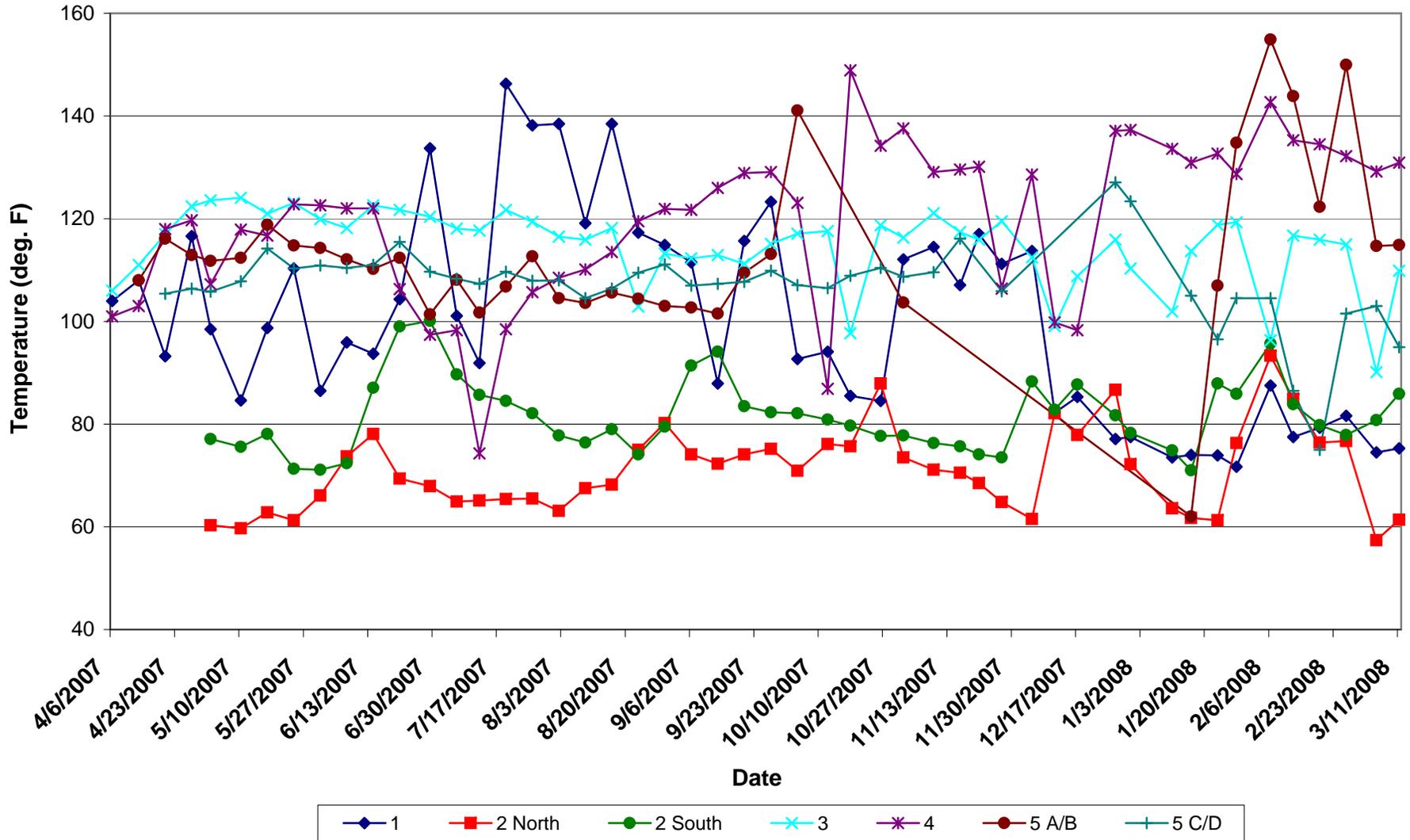
**Table 2**  
**Log of Field Activities and Conditions**  
**Per Order No. 2.B of Feb. 7, 2008 Orders**

Date	Approx. Time	Contractor	Field Activity or Potentially Odor-Causing Incident
2/24/08	7 AM - 5 PM	N/A	No significant activity.
2/25/08	7 AM - 5 PM	AEG	Blackhawk pump maintenance. Relief Well #1 drilling location, odors related to well activity.
2/26/08	7 AM - 5 PM	AEG	Blackhawk pump maintenance. Relief Well #1 drilling location, odors related to well activity.
2/26/08	7 AM - 6 PM	AEG	Blackhawk pump maintenance.
2/26/08	7 AM - 6 PM	AEG	New Well drilling at T1-R
2/27/08	7 AM - 6 PM	AEG	New Well drilling at N1-R
2/27/08	7 AM - 6 PM	AEG	Blackhawk pump maintenance.
2/28/08	7 AM - 6 PM	AEG	Blackhawk pump maintenance.
2/28/08	7 AM - 6 PM	AEG	New Well drilling at S1-R
2/28/08	7 AM - 5 PM	Layne	Resumed well drilling activities at RW-1.
2/29/08	7 AM - 6 PM	Layne	Continued well drilling activities at RW-1.
2/29/08	7 AM - 6 PM	AEG	New Well drilling at 132-R
2/29/08	8 AM - 3 PM	AEG	Well repair activities at PW-167 location completed by 3:00 pm.**
2/29/08	7 AM - 6 PM	AEG	Blackhawk pump maintenance.
3/1/08	8AM- 12PM	AEG	Blackhawk pump maintenance
3/1/08	7 AM- 4 PM	Layne	Completed well drilling activities at RW-1.
			** this log annotated on March 12, 2008 to include this activity which was inadvertently omitted from the original log

**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
3/2/08	7-5	Layne	Installed RW-1
3/3/08	7-3	Layne	Developed RW-1
3/3/08	7-5	AEG	LFG Well drilling activities
3/3/08	7-5	AEG	Blackhawk pump maintenance.
3/4/08	7-5	AEG	Blackhawk pump maintenance.
3/5/08	3-5	AEG	Leachate outbreak repaired by AEG by 15:30
3/5/08	7-5	AEG	Blackhawk pump maintenance.
3/6/08	7-5	AEG	Blackhawk pump maintenance.
3/6/08	7-5	AEG	LFG Well drilling activities
3/7/08	7-5	AEG	LFG Well drilling activities
3/7/08	7-5	AEG	Blackhawk pump maintenance.
3/7/08	7-9	AEG	Crack repair on the top of the 88 acres repaired by 9 AM.
3/8/08	N/A	N/A	No Site activity.

### Weekly Leachate Temperatures in Cell Sump



## Weekly Leachate Cleanout Riser Temperatures

