

# Countywide Recycling and Disposal Facility

## Weekly Progress Report

### 02/08/08

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 2, 2008 to February 8, 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 Jan. 11, 2008
Downhole Temp. Graph	2	Updated Jan. 4, 2008
FBMP Max. In-Situ Temp. Graph	3	Updated Feb. 1, 2008
Inclinometer Max. In-Situ Temp. Graph	4	Updated Feb. 1, 2008
Leachate Sump Temperature. Graph	5	Updated Feb. 1, 2008
LCS Temperature Graph	6	Updated Feb. 1, 2008
Weekly Cumulative Sett. Graph	7	Updated Feb. 1, 2008
Quarterly Cumulative Sett. Graph	8	Updated Jan. 4, 2008
CO Graph	9	Updated Feb. 1, 2008
Leachate Volume Graph	10	<b>Updated Feb. 8, 2008</b>
Leachate COD Graph	11	<b>Updated Feb. 8, 2008</b>
Leachate TDS Graph	12	<b>Updated Feb. 8, 2008</b>
<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

#### **COMMENTARY ON DATA**

Prior to adding 50 more gas well pumps in November and December, the volume of leachate collected in the 88-acre area was decreasing. Updated Attachment 12 clearly shows the effect of adding dewatering pumps to the gas wells. Attachments 11 (generally decreasing COD) and Attachment 12 (generally increasing TSS) may be showing that the capping has had the effect of allowing the leachate to concentrate and age during the past 9 months, likely resulting from the reduction of the rainfall infiltration contribution to the leachate volume.

## **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 02-08-08**

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	0	Met with driller (Layne-Christensen) management this week. Determined that large pads need to be built for drilling equipment. Due to heavy rains this week, unable to start pads until Friday of this week. Nevertheless drillers will mobilize to start drilling as early as Tues., Feb. 12. Two of the relief wells are scheduled to be in by Feb. 29. The remaining two are 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 driller has put this work on his schedule. Drilling is scheduled to begin Feb. 18. Pipe materials have arrived. Gravel and bentonite are on site.
Replace Compromised Wells	ea.	12	0	0	0	0	The driller has put this work on his schedule. Drilling is scheduled to begin Feb. 18. Pipe materials have arrived. Gravel and bentonite are on site.
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.

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





