

Countywide Recycling and Disposal Facility

Weekly Progress Report

10/24/08

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 October 18, 2008 to October 24, 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 Oct. 17, 2008 |
| Downhole Temp. Graph | 2 | Updated Oct. 17, 2008 |
| FBMP Max. In-Situ Temp. Graph | 3 | Updated Oct. 10, 2008 |
| INC In-Situ Temp. Graph | 4 | Updated Oct. 10, 2008 |
| Leachate Sump Temperature. Graph | 5 | Updated Oct. 10, 2008 |
| LCS Temperature Graph | 6 | Updated Oct. 10, 2008 |
| Weekly Cumulative Sett. Graph | 7 | Updated Oct. 10, 2008 |
| Quarterly Cumulative Sett. Graph | 8 | Updated Oct. 10, 2008 |
| CO Graph | 9 | Updated Sept. 19, 2008 |
| Leachate Volume Graph | 10 | Updated Oct. 17, 2008 |
| Leachate COD Graph | 11 | Updated Oct. 10, 2008 |
| Leachate TDS Graph | 12 | Updated Oct. 10, 2008 |
| Odor (Nasal Ranger) Readings | 13 | Updated Oct. 3, 2008 |

| <u>Appendices (transmitted separately)</u> | <u>Appendix No.</u> | <u>Comments</u> |
|--|---------------------|------------------------|
| Wellhead Temperature Zone Map | A | Updated Oct. 17, 2008 |
| 4-Week Cumulative Sett. Front Map | B | Updated Oct. 17, 2008 |
| Carbon Monoxide Zone Map | C | Updated Sept. 26, 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 10-24-08**

| 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 | Significant restoration to this system (following capping activities) has been performed. |
| Install 2-inch HDPE Air Supply Line | l.f. | 10500 | 10500 | 0 | 10500 | 0 | Significant 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 | Significant 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 | Significant 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 will perform a test to measure gain in gas flow vs. drawdown for two wells next week. |

* 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. |
|----------|--------------|------------|--------------------|---|
| 10/12/08 | NA | NA | NA | No activities monitored |
| 10/13/08 | 9:00 - 17:30 | BVR | S. slope Cell 2 | Open excavation at the South slope of Cell 2 for the forcemains to the leachate storage tank |
| 10/13/08 | 9:00 - 10:30 | AEG/JMW | Cell 3 | Maintenance performed at RW-2 |
| 10/13/08 | 7:30 - | AEG | Cell 5 A/B | Moisture Condensate was observed at the Cell 5 A/B toedrain |
| 10/13/08 | 7:00 - 17:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 10/14/08 | 7:30 - | AEG | Cell 5 A/B | Moisture Condensate was observed at the Cell 5 A/B toedrain |
| 10/14/08 | 7:30 - 17:30 | BVR | E. slope Cell 2 | Open excavation at the East slope of Cell 2 for the forcemains to the leachate storage tank |
| 10/14/08 | 7:00 - 17:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 10/15/08 | 7:30 - | AEG | Cell 5 A/B | Moisture Condensate was observed at the Cell 5 A/B toedrain |
| 10/15/08 | 7:30 - 15:30 | BVR | Cell 1/2 corner | Open excavation at the N.E. corner of Cells 1/2 for the forcemains to the leachate storage tank |
| 10/15/08 | 8:00 - 9:30 | AEG/JMW | Cell 3 | Maintenance performed at RW-2 |
| 10/15/08 | 7:00 - 16:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 10/16/08 | 7:30 - | AEG | Cell 5 A/B | Moisture Condensate was observed at the Cell 5 A/B toedrain |
| 10/16/08 | 7:00 - 17:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 10/17/08 | 7:30 - 8:15 | AEG/JMW | Road to top Cell 4 | AEG cleaned up a small leachate outbreak at LW-29 and placed odor pellets |
| 10/17/08 | 7:30 -12:00 | ET | Cell 5 A/B | EarthTech added soil to stop the moisture condensate from emitting from the Cell 5 A/B toedrain |
| 10/17/08 | 7:00 - 17:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 10/18/08 | 7:00 - 12:00 | AEG | 88 acres | Blackhawk pump maintenance |