

Countywide Recycling and Disposal Facility

Weekly Progress Report

08/08/08

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 August 2, 2008 to August 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 July 11, 2008 |
| Downhole Temp. Graph | 2 | Updated August 8, 2008 |
| FBMP Max. In-Situ Temp. Graph | 3 | Updated July 25, 2008 |
| Inclinometer Max. In-Situ Temp. Graph | 4 | Updated July 25, 2008 |
| Leachate Sump Temperature. Graph | 5 | Updated August 1, 2008 |
| LCS Temperature Graph | 6 | Updated August 1, 2008 |
| Weekly Cumulative Sett. Graph | 7 | Updated August 8, 2008 |
| Quarterly Cumulative Sett. Graph | 8 | Updated June 27, 2008 |
| CO Graph | 9 | Updated July 11, 2008 |
| Leachate Volume Graph | 10 | Updated July 11, 2008 |
| Leachate COD Graph | 11 | Updated July 11, 2008 |
| Leachate TDS Graph | 12 | Updated July 11, 2008 |
| Odor (Nasal Ranger) Readings | 13 | Updated July 25, 2008 |

| <u>Appendices (transmitted separately)</u> | <u>Appendix No.</u> | <u>Comments</u> |
|--|---------------------|-----------------------|
| Wellhead Temperature Zone Map | A | Updated July 18, 2008 |
| 4-Week Cumulative Sett. Front Map | B | Updated July 18, 2008 |
| Carbon Monoxide Zone Map | C | Updated June 20, 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

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

| 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 | 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 | |
| Install 2-inch HDPE Air Supply Line | l.f. | 10500 | 10500 | 0 | 10500 | 0 | |
| 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 | |
| Install 2-inch HDPE Air Supply Line for new gas wells | l.f. | 2000 | 2500 | 0 | 2500 | 0 | |
| Measure Achievable Drawdown | ea. | 73 | 73 | 0 | 73 | 0 | |
| Establish Baseline Flow | ea. | 1 | 0 | 0 | 0 | 0 | During an initial run-through, it was determined that only about 25% of the AEGWs were at or below their respective "achievable drawdown" levels. This is far below the goal of 70% desired before initiating the baseline gas flow measurement. We will continue to attempt to improve this percentage, but it is almost certain that an alternative standard will need to be agreed upon. |

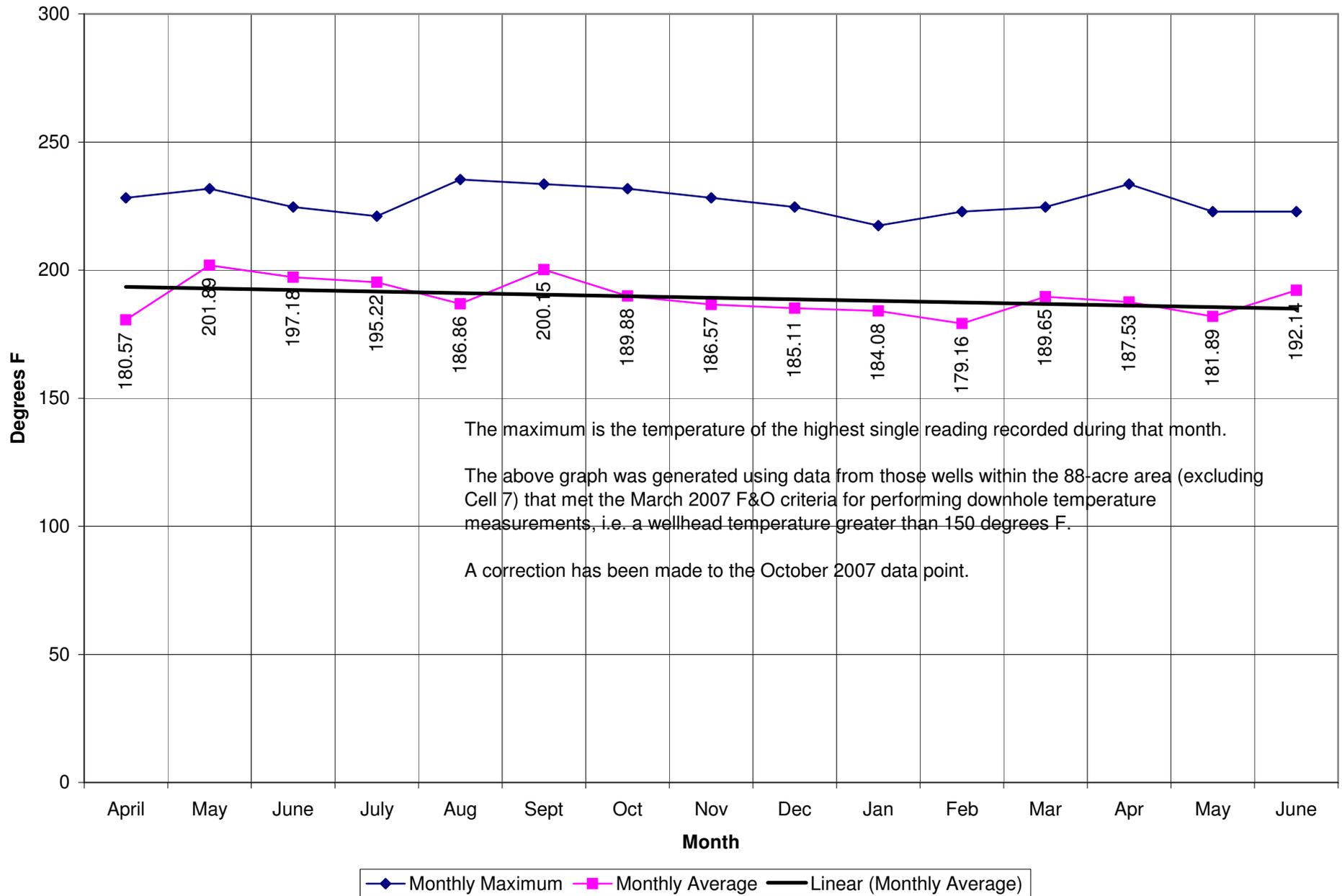
* The estimate of "required" or "goal" items may change as project progresses.

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. |
|---------|--------------|------------|---|
| 7/27/08 | N/A | N/A | No activities monitored. |
| 7/28/08 | 7:30 - 17:30 | AEG | Blackhawk pump maintenance and O&M leachate sampling. |
| 7/28/08 | 7:00 - 17:30 | AEG/BVR | Excavation on Cell 4 for the Area D toe drain installation |
| 7/28/08 | 7:00 - 18:00 | Frontz | Frontz drilling and installing various FBMPs on Cells 5 and 7 |
| 7/28/08 | 8:00 - 11:00 | AEG | Wellhead installation on Cell 7 |
| 7/28/08 | 8:30 - 17:00 | AEG/JMW | Well maintenance activities at Relief Well 3 |
| 7/28/08 | 8:00 - 18:00 | AEG/JMW | Leachate next to the top of the buttress road |
| 7/29/08 | 7:30 - 17:30 | AEG | Blackhawk pump maintenance and O&M leachate sampling. |
| 7/29/08 | 7:00 - 17:30 | AEG/BVR | Excavation on Cell 4 for the Area D toe drain installation |
| 7/29/08 | 7:15 - 17:15 | Frontz | Frontz drilling and installing various FBMPs on Cells 5 and 7 |
| 7/29/08 | 8:00 - 16:30 | AEG | Sump installation next to the buttress road |
| 7/30/08 | 7:00 - 14:30 | Frontz | Frontz drilling and installing various FBMPs on Cells 5 and 7 |
| 7/30/08 | 7:00 - 17:30 | AEG/BVR | Excavation on Cell 4 for the Area D toe drain installation |
| 7/30/08 | 8:00 - 12:00 | JMW | Crack on top of Cell 5 |
| 7/30/08 | 7:30 - 17:30 | AEG | Blackhawk pump maintenance and O&M leachate sampling. |
| 7/30/08 | 7:30 | N/A | Odor at C1R |
| 7/31/08 | 7:00 - 17:30 | AEG/BVR | Excavation on Cell 4 for the Area D toe drain installation |
| 7/31/08 | 8:30 - 10:00 | AEG | PW 142 decommissioned |
| 7/31/08 | 7:30 - 17:30 | AEG | Blackhawk pump maintenance and O&M leachate sampling. |
| 8/1/08 | 7:00 - 17:30 | AEG/BVR | Excavation on Cell 4 for the Area D toe drain installation |
| 8/1/08 | 7:30 - 13:00 | AEG | Odor and moisture condensate at PW 149 |
| 8/1/08 | 7:30 - 17:30 | AEG | Blackhawk pump maintenance and O&M leachate sampling. |
| 8/2/08 | 7:00 - 15:00 | AEG/BVR | Excavation on Cell 4 for the Area D toe drain installation |
| 8/2/08 | 7:00 - 12:00 | AEG | Blackhawk pump maintenance |

Downhole Temperatures Monthly Maximums and Averages



Weekly Settlement Survey in "Reaction Area" Countywide Landfill

