

Countywide Recycling and Disposal Facility
Weekly Progress Report
03/27/09

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 21, 2009 to March 27, 2009.**

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 March 20, 2009 |
| Downhole Temp. Graph | 2 | Updated March 20, 2009 |
| FBMP Max. In-Situ Temp. Graph | 3 | Updated March 20, 2009 |
| Leachate Sump Temperature. Graph | 5 | Updated March 20, 2009 |
| LCS Temperature Graph | 6 | Updated March 20, 2009 |
| Weekly Cumulative Sett. Graph | 7 | Updated March 20, 2009 |
| Quarterly Cumulative Sett. Graph | 8 | Updated March 27, 2009 |
| CO Graph | 9 | Updated March 20, 2009 |
| Leachate Volume Graph | 10 | Updated March 20, 2009 |
| Leachate COD Graph | 11 | Updated March 20, 2009 |
| Leachate TDS Graph | 12 | Updated March 20, 2009 |
| Odor (Nasal Ranger) Readings | 13 | Updated March 20, 2009 |

| <u>Appendices (transmitted separately)</u> | <u>Appendix No.</u> | <u>Comments</u> |
|--|---------------------|-------------------------------|
| Wellhead Temperature Zone Map | A | Updated March 27, 2009 |
| 4-Week Cumulative Sett. Front Map | B | Updated March 20, 2009 |
| Carbon Monoxide Zone Map | C | Updated March 20, 2009 |

AMBIENT AIR SAMPLING ACTIVITIES LOG

See attached **Table 2**.

COMMENTARY ON DATA

Last week, a set of data updates was presented. This week marks the end of the 1st Quarter of 2009, so we were able to update the Quarterly Cumulative Settlement Graph, Attachment 8. It appears that the overall amount of settlement continues to decrease, suggesting an overall lessening of the reaction.

Also, the March wellhead temperature data is presented. There is no discernible difference between the February and March values.

TABLE 1

WEEKLY PROGRESS REPORT FOR DECEMBER 31, 2007 F&Os
 COUNTYWIDE LANDFILL
 WEEK ENDING 03-27-09

| 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. RW-2 was abandoned due to casing failure on March 26, 2009. |
| 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 | |

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

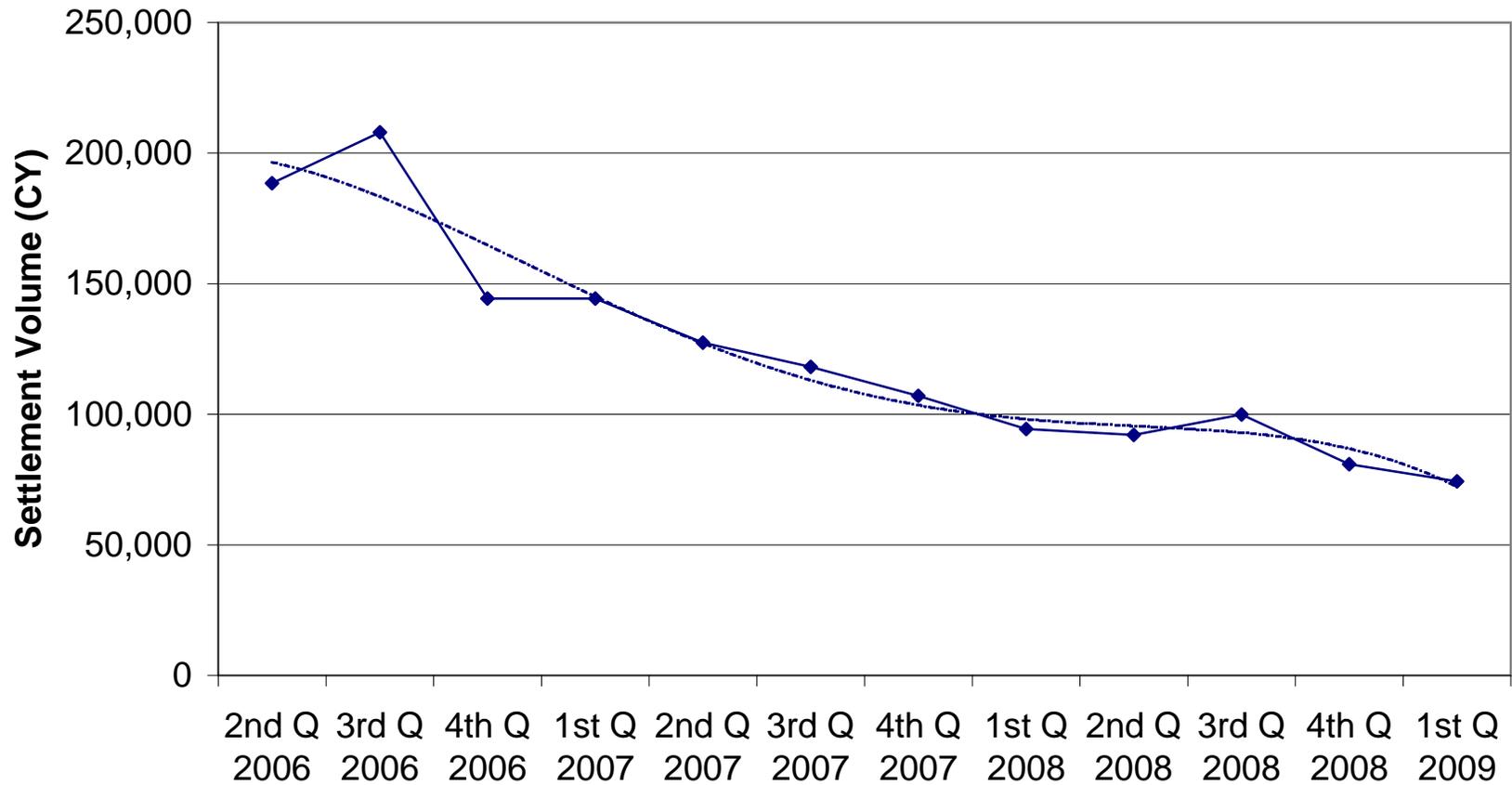
Note: This table presents one-time field activities and does not address recurring activities such as liquid level measurements, downhole temperature profiles, liquid sampling, etc.

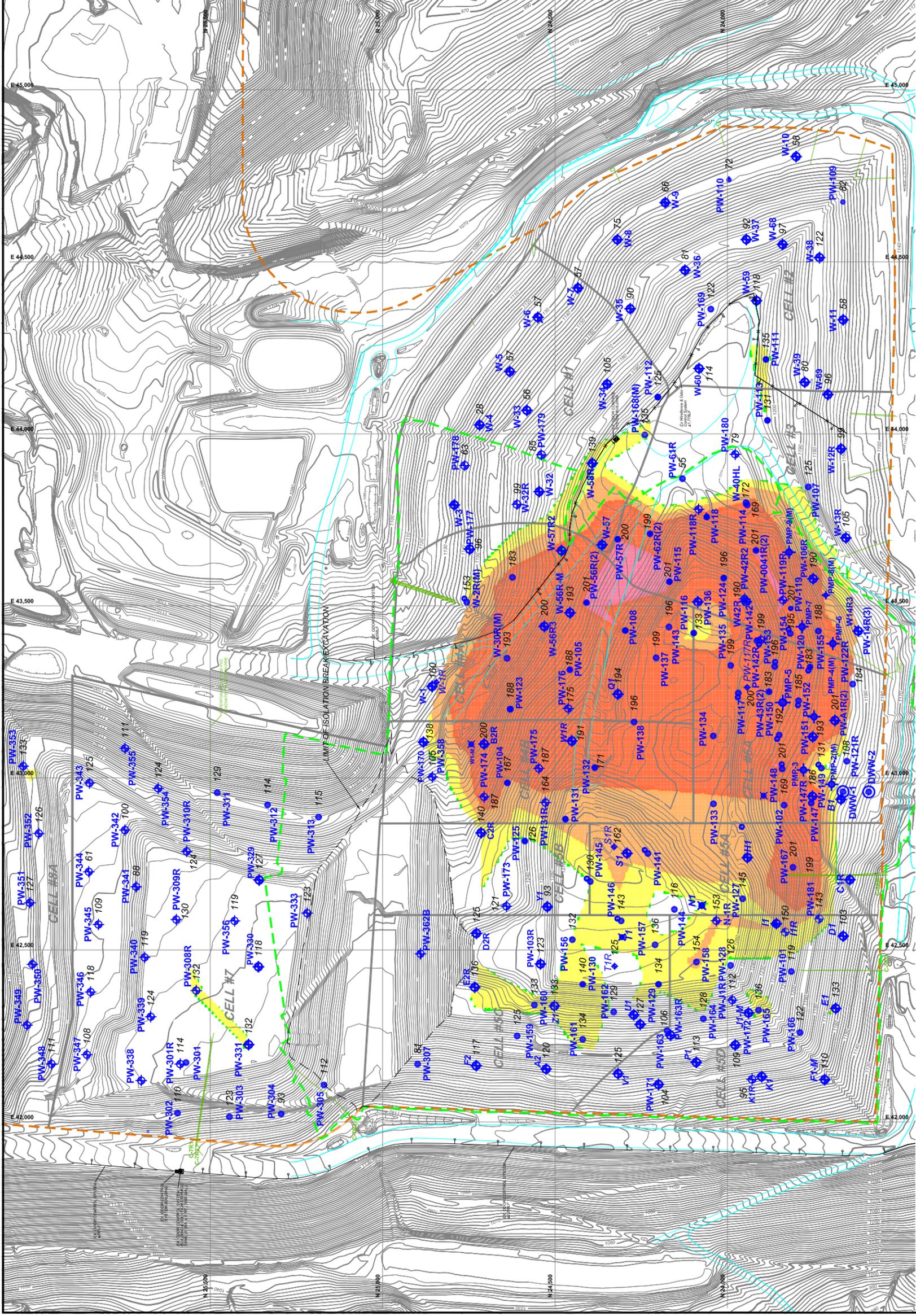
Table 2
Log of Field Activities and Conditions
Per Order No. 2.B of Feb. 7, 2008 Orders

| Date | Approx. Time | Contractor | Location | Field Activity or Potentially Odor-Causing Incident. |
|---------|--------------|------------|----------|--|
| 3/15/09 | NA | NA | NA | No activities monitored. |
| 3/16/09 | 7:30 - 17:30 | Beaver/ET | Area "D" | Area "D" deep trench excavation |
| 3/16/09 | 7:30 - 16:00 | Beaver | Cell 5/7 | Iso Break south slope West transfer line excavation |
| 3/16/09 | 7:00 - 17:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 3/17/09 | 7:30 - 17:30 | Beaver/ET | Area "D" | Area "D" deep trench excavation |
| 3/17/09 | 7:30 - 16:00 | Beaver | Cell 5/7 | Iso Break south slope West transfer line excavation |
| 3/17/09 | 7:00 - 17:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 3/18/09 | 7:30 - 17:30 | Beaver/ET | Area "D" | Area "D" deep trench excavation |
| 3/18/09 | 7:30 - 16:00 | Beaver | Cell 5/7 | Iso Break south slope West transfer line excavation & LFG/leachate and undercap excavation |
| 3/18/09 | 7:00 - 17:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 3/19/09 | 7:30 - 17:30 | Beaver/ET | Area "D" | Area "D" deep trench excavation |
| 3/19/09 | 7:30 - 16:00 | Beaver | Cell 5/7 | Iso Break south slope LFG/leachate and undercap excavation |
| 3/19/09 | 7:00 - 17:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 3/20/09 | 7:30 - 17:30 | Beaver/ET | Area "D" | Area "D" deep trench excavation |
| 3/20/09 | 7:30 - 16:00 | Beaver | Cell 5/7 | Iso Break south slope LFG/leachate and undercap excavation |
| 3/20/09 | 7:00 - 17:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 3/21/09 | 7:00 - 12:00 | AEG | 88 acres | Blackhawk pump maintenance and O&M leachate sampling |
| 3/21/09 | 7:00 - 15:30 | AEG | Area "D" | Completed FML installation for the Area "D" deep trench Leachate Line |

Quarterly Volume of Settlement in "Reaction Area" Countywide Landfill

ATTACHMENT 8

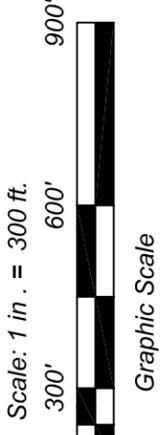
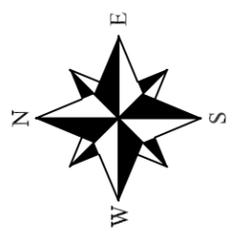




WELL TEMPERATURE COLOR LEGEND

Temp Zone(°F)

- Greater Than 131 (7.48 Acres)
- Greater Than 150 (7.04 Acres)
- Greater Than 170 (17.90 Acres)
- Greater Than 200 (0.84 Acres)



COUNTYWIDE RDF

| | | |
|---|-------------------------------|--|
| PROJECT: | GAS CONTROL COLLECTION SYSTEM | |
| SURVEYED: | DRAWN: CRF 3/29/09 | |
| CHECKED: BMS 3/29/09 | | |
| REVISED DATE: | | |
| SHEET TITLE: INITIAL WELL TEMPERATURES MARCH 2009 | | FILE ID: Well Temperature Map March 2009.dwg |
| | | SHEET 1 OF 1 |