

# Countywide Recycling and Disposal Facility

## Weekly Progress Report

05/01/09

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 April 25, 2009 to May 1, 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 April 10, 2009
Downhole Temp. Graph	2	Updated April 17, 2009
FBMP Max. In-Situ Temp. Graph	3	<b>Updated May 1, 2009</b>
Leachate Sump Temperature. Graph	5	Updated April 24, 2009
LCS Temperature Graph	6	Updated April 24, 2009
Weekly Cumulative Sett. Graph	7	Updated April 17, 2009
Quarterly Cumulative Sett. Graph	8	Updated March 27, 2009
CO Graph	9	Updated April 17, 2009
Leachate Volume Graph	10	Updated April 24, 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	<b>Updated May 1, 2009</b>
4-Week Cumulative Sett. Front Map	B	Updated April 24, 2009
Carbon Monoxide Zone Map	C	Updated March 20, 2009

### **AMBIENT AIR SAMPLING ACTIVITIES LOG**

See attached **Table 2**.

### **COMMENTARY ON DATA**

Attachment 3 shows a slow steady rise of maximum temperatures in most of the FBMPs. This is expected as they have mostly been positioned in front of areas to which the reaction is advancing.

Appendix A indicates that the area affected by elevated wellhead temperatures is fairly consistent from month-to-month.

TABLE 1

WEEKLY PROGRESS REPORT FOR DECEMBER 31, 2007 F&Os  
 COUNTYWIDE LANDFILL  
 WEEK ENDING 05-01-09

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 was abandoned due to a casing failure on April 8, 2009. RW-2 was abandoned due to casing failure on March 25, 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.

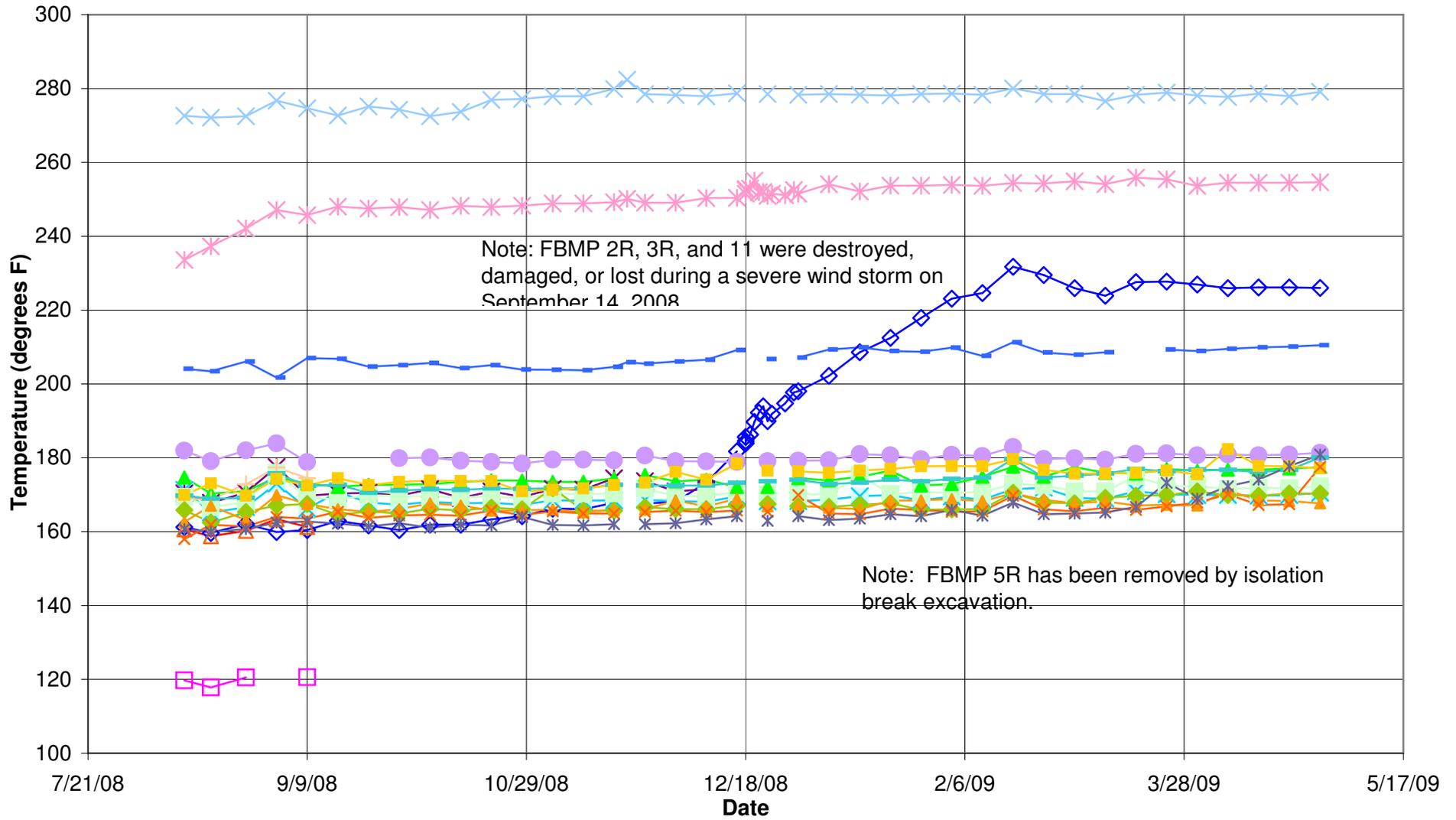
Note: This table presents one-time field activities and does not address recurring activities such as liquid level measurements, downhole temperature profiles, liquid sampling, etc.

**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.
4/26/09	NA	NA	NA	No activity monitored
4/27/09	7:00-19:00	AEG	88 Acres	Drilling, Pump Maintenance, Leachate Outbreak on East side
4/28/09	7:00-17:00	Beaver/AEG	88 Acres	Sump 5AB, Pump Maintenance, Iso Break
4/29/09	7:00 - 19:00	Beaver/AEG	88 Acres	AEG Downholes, Drilling at wedge and Bowl, Toe drain extension 5AB, Beaver Iso Break
4/30/09	7:00-15:00	AEG	88 acres	Drilling around bowl, Leachate Sampling, Pump Maintenance

# In-situ Temperatures Maximum Readings per Date per FBMP Boring

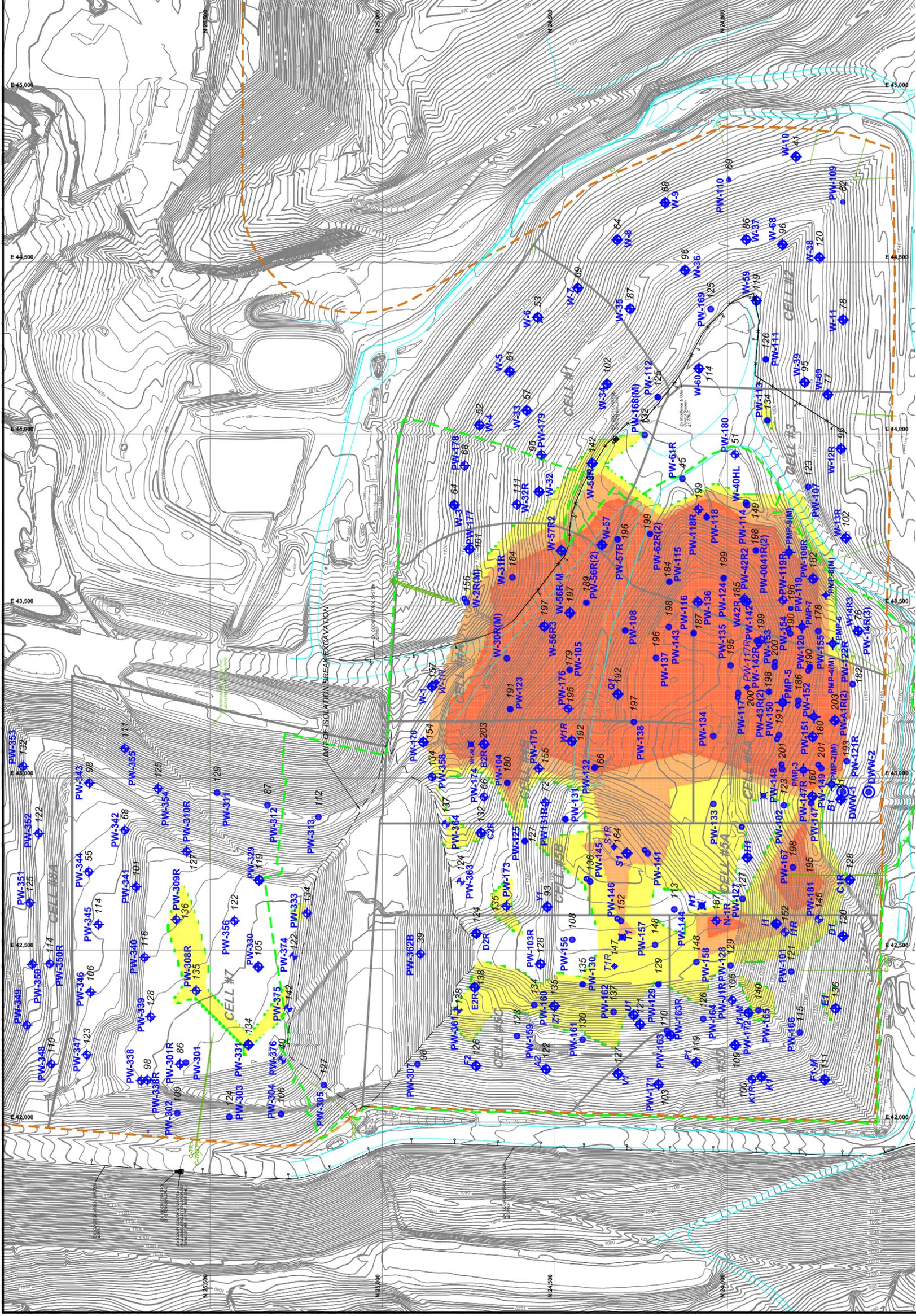
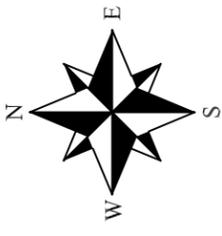
## ATTACHMENT 3



**WELL TEMPERATURE  
COLOR LEGEND**

Temp Zone(°F)

- Greater Than 131 (10.11 Acres)
- Greater Than 150 (5.76 Acres)
- Greater Than 170 (16.95 Acres)
- Greater Than 200 (0.02 Acres)



**COUNTYWIDE RDF**

PROJECT: GAS CONTROL COLLECTION SYSTEM

REVISIONS:

SCALE: 1"= 300' CTR="2"	REVISIONS
SURVEYED: CRH 4/22/09	
DRAWN: BMS 4/22/09	
CHECKED: BMS 4/22/09	
REVISED DATE:	

SHEET TITLE: INITIAL WELL TEMPERATURES APRIL 2009

FILE ID: Well Temperature Map April 2009.dwg

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