

Countywide Recycling and Disposal Facility Weekly Progress Report 08/01/08

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 July 26, 2008 to August 1, 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 June 6, 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 1, 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
- 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 08-01-08

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 satisfactorily 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.

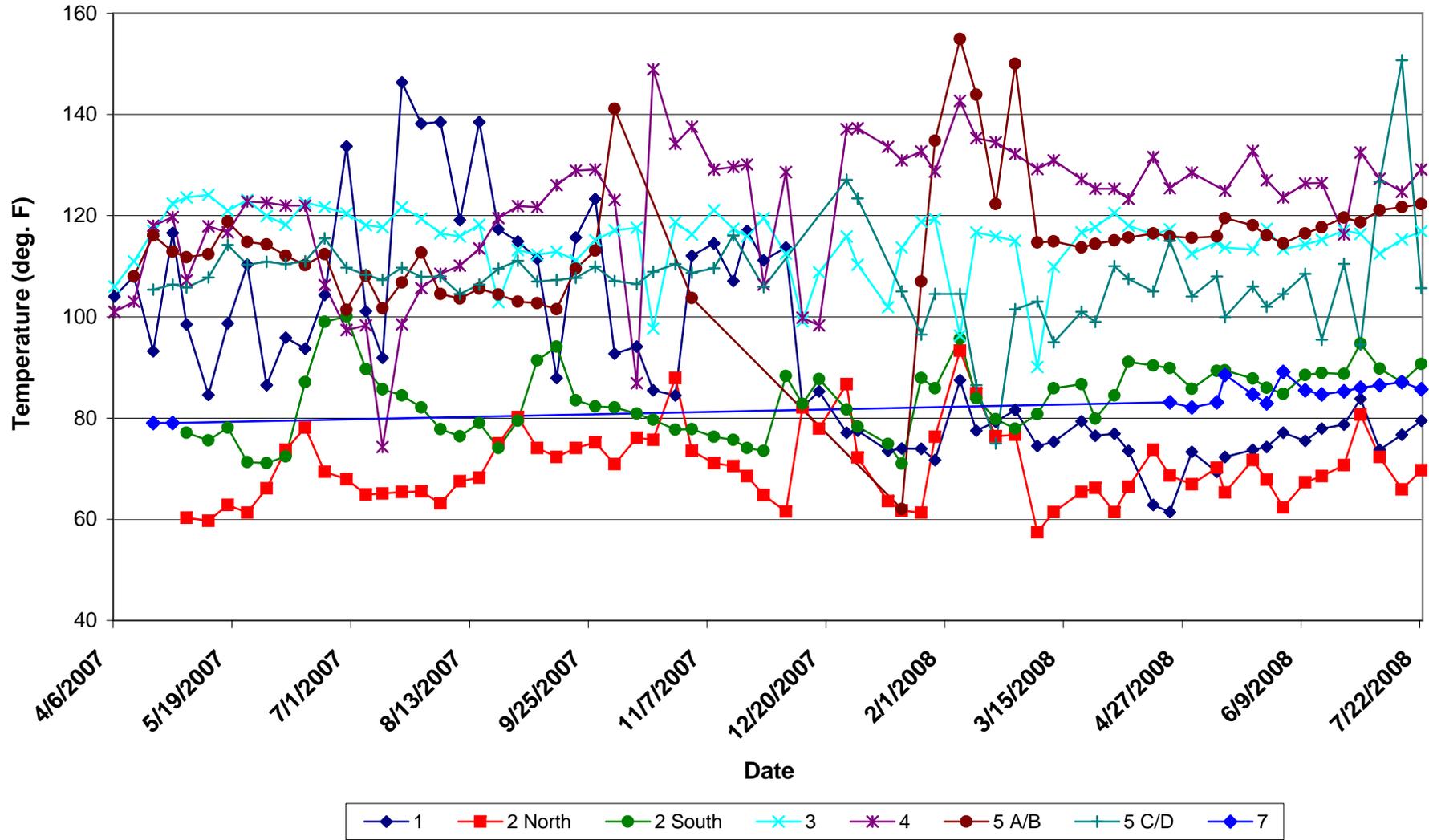
* The estimate of "required" or "goal" items may change as project progresses.

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.

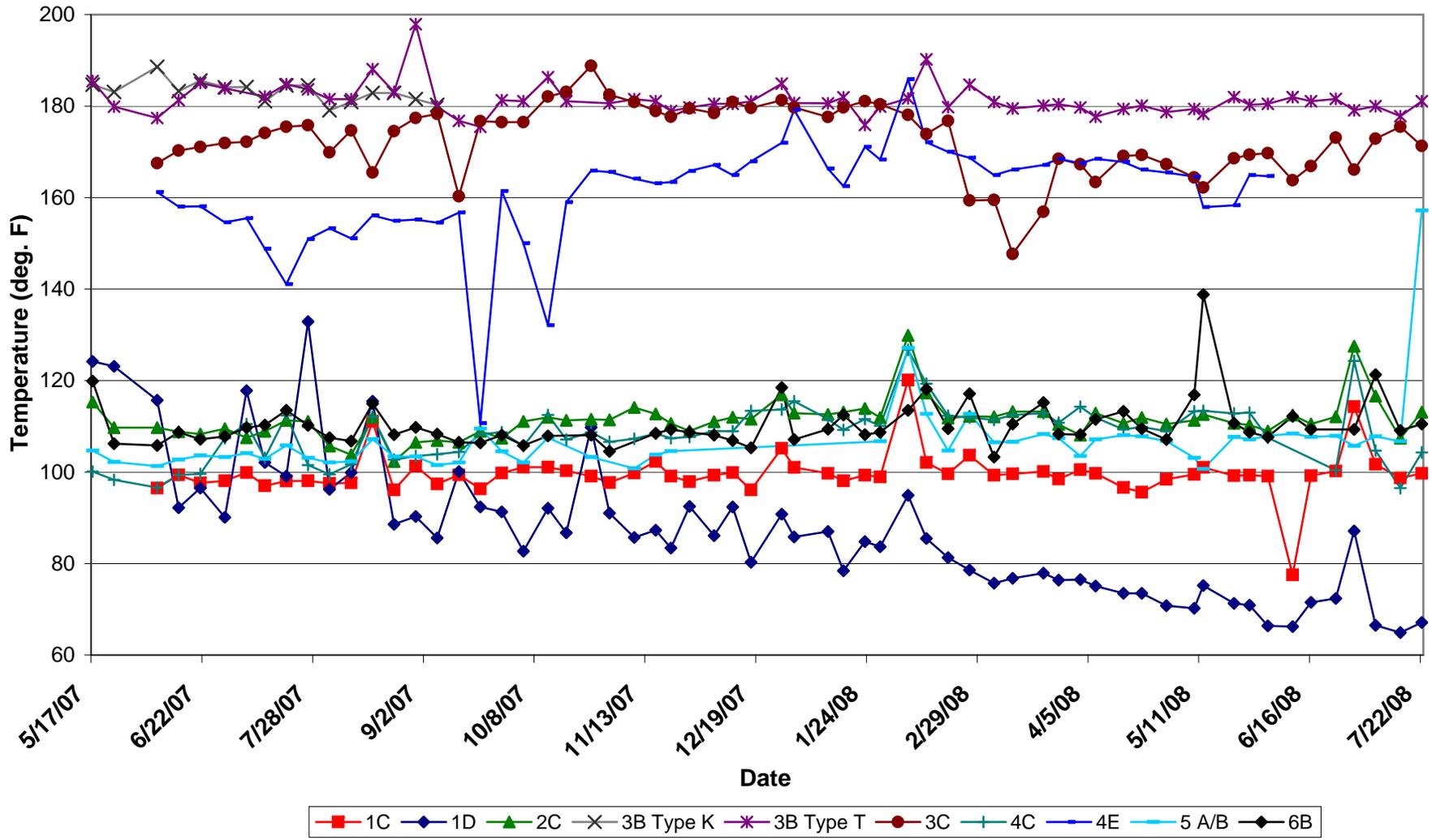
Table 2
Log of Field Activities and Conditions
Per Order No. 2.B of Feb. 7, 2008 Orders

Date	Approx. Time	Contractor	Field Activity or Potentially Odor-Causing Incident.
7/20/08	N/A	N/A	No activities monitored.
7/21/08	7:30 - 17:30	AEG	Blackhawk pump maintenance and O&M leachate sampling.
7/21/08	8:00 - 18:00	Frontz	Frontz drilling and installing various FBMPs on Cells 5 and 7
7/22/08	8:00 - 16:30	AEG	Excavation for lateral installation on Cell 7
7/22/08	7:30 - 14:00	AEG	Wells on Cells 7 and 8A connected to vacuum
7/22/08	7:00 - 17:15	Frontz	Frontz drilling and installing various FBMPs on Cells 5 and 7
7/22/08	8:45 - 11:15	JMW/H-C	Repairs at the sump at Cell 5 C/D
7/22/08	7:30 - 17:30	AEG	Blackhawk pump maintenance and O&M leachate sampling.
7/23/08	7:00 - 17:30	Beaver/AEG	Excavation on Cell 4 for the Area D toe drain installation
7/23/08	7:30 - 18:00	AEG	Excavation for lateral installation on Cell 7
7/23/08	7:30 - 17:30	AEG	Blackhawk pump maintenance and O&M leachate sampling.
7/23/08	7:00 - 17:15	Frontz	Frontz drilling and installing various FBMPs on Cells 5 and 7
7/24/08	7:00 - 17:30	Beaver/AEG	Excavation on Cell 4 for the Area D toe drain installation
7/24/08	7:00 - 16:00	JMW	Leachate outbreak above the Cell 5 C/D riser
7/24/08	7:30 - 17:30	AEG	Blackhawk pump maintenance and O&M leachate sampling.
7/24/08	7:30 - 17:30	AEG	Excavation for lateral installation on Cell 7
7/24/08	7:00 - 13:00	Frontz	Frontz drilling and installing various FBMPs on Cells 5 and 7
7/24/08	13:00 - 14:30	AEG	Tear in the temporary cap near LS-04
7/24/08	14:30 - 16:00	AEG	Excess foam at the QED pump west of the Cell 5 C/D riser
7/25/08	7:00 - 17:30	Beaver/AEG	Excavation on Cell 4 for the Area D toe drain installation
7/25/08	8:00 - 20:00	AEG	Excavation for the LFG system expansion on Cells 7/8A
7/25/08	7:30 - 17:30	AEG	Blackhawk pump maintenance and O&M leachate sampling.
7/25/08	7:30 - 15:00	Frontz	Frontz drilling and installing various FBMPs on Cells 5 and 7
7/25/08	13:00 - 15:00	AEG/JMW	Well maintenance activities at Relief Well 2
7/25/08	7:15 - 16:00	AEG/H-C/JMW	Excess leachate in the sump west of the Cell 5 C/D riser
7/26/08	7:00 - 15:00	Beaver/AEG	Excavation on Cell 4 for the Area D toe drain installation
7/26/08	7:00 - 12:00	AEG	Blackhawk pump maintenance

Weekly Leachate Temperatures in Cell Sump



Weekly Leachate Cleanout Riser Temperatures



Weekly Settlement Survey in "Reaction Area" Countywide Landfill

