

Countywide Recycling and Disposal Facility

Weekly Progress Report

12/19/08

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 December 13, 2008 to December 19, 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 Dec. 19, 2008
Downhole Temp. Graph	2	Updated Dec. 19, 2008
FBMP Max. In-Situ Temp. Graph	3	Updated Dec. 12, 2008
Leachate Sump Temperature. Graph	5	Updated Dec. 19, 2008
LCS Temperature Graph	6	Updated Dec. 19, 2008
Weekly Cumulative Sett. Graph	7	Updated Dec. 12, 2008
Quarterly Cumulative Sett. Graph	8	Updated Oct. 10, 2008
CO Graph	9	Updated Dec. 19, 2008
Leachate Volume Graph	10	Updated Dec. 12, 2008
Leachate COD Graph	11	Updated Dec. 5, 2008
Leachate TDS Graph	12	Updated Dec. 5, 2008
Odor (Nasal Ranger) Readings	13	Updated Dec. 5, 2008
<u>Appendices (transmitted separately)</u>	<u>Appendix No.</u>	<u>Comments</u>
Wellhead Temperature Zone Map	A	Updated Nov. 14, 2008
4-Week Cumulative Sett. Front Map	B	Updated Nov. 21, 2008
Carbon Monoxide Zone Map	C	Updated Dec. 19, 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 12-19-08

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	Full 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	Full 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 has completed a test assessing gas flow as a function of gas well fluid level drawdown.

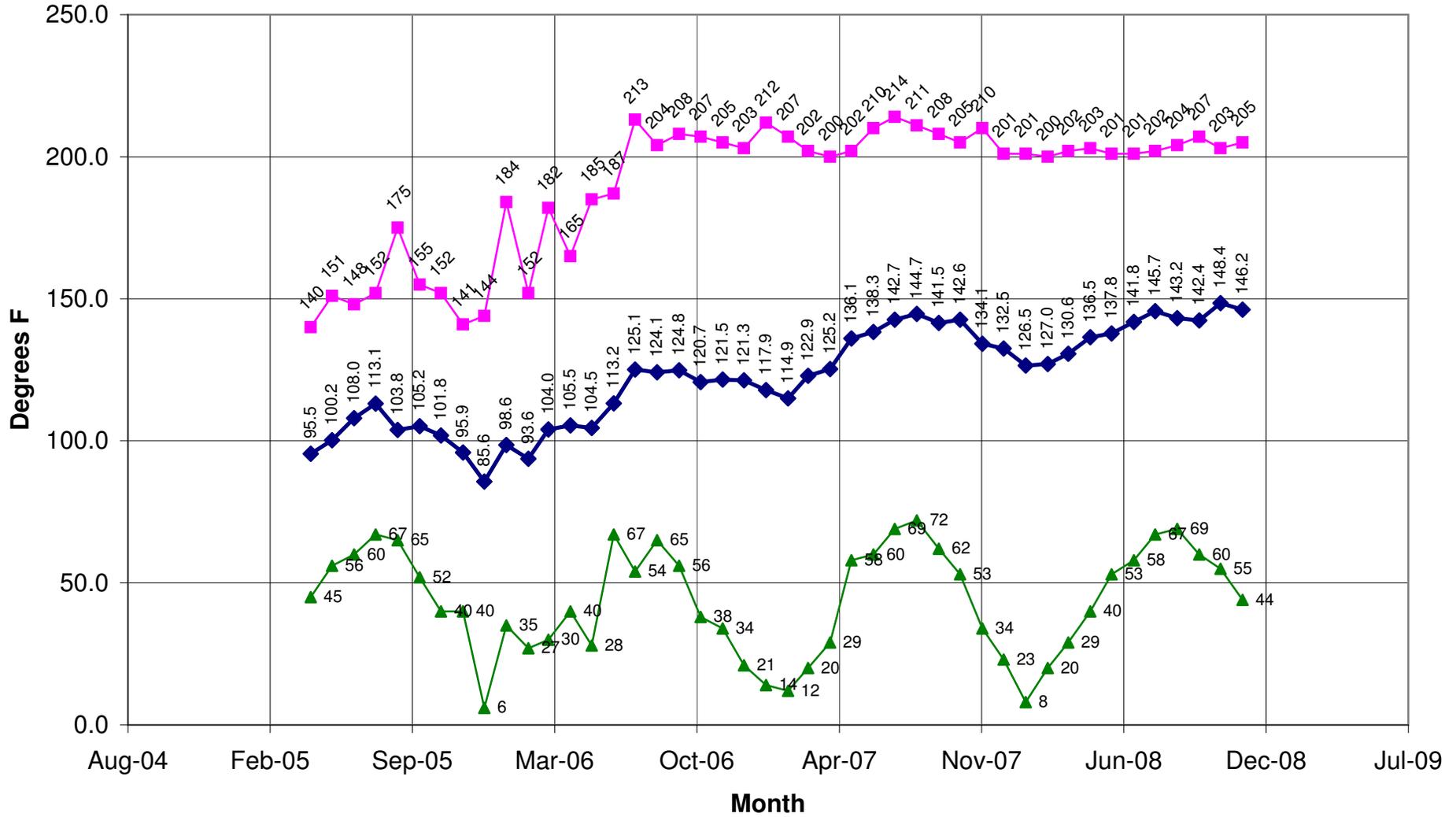
* The estimate of "required" or "goal" items may change as project progresses.

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.
12/7/08	NA	NA	NA	No activities monitored.
12/8/08	13:30 - 17:45	BVR	Cell 5/7 to 7/8A	Beaver began waste excavation/relocation activities for the Isolation Break Project
12/8/08	14:00 - 15:00	AEG	Cell 7	AEG decommissioned PW-326 as part of the Isolation Break Project
12/8/08	7:00 - 17:00	AEG	88 acres	Blackhawk pump maintenance and O&M leachate sampling
12/9/08	13:00 - 17:00	AEG	Cell 5/7 y-area	AEG liner crew repaired a leak in the FML East of W-30RM
12/9/08	7:00 - 17:30	BVR	Cell 5/7 to 7/8A	Performed waste excavation/relocation activities for the Isolation Break Project
12/9/08	7:00 - 17:00	AEG	88 acres	Blackhawk pump maintenance and O&M leachate sampling
12/10/08	8:00 - 9:00	AEG	Cell 7	Decommissioned PW-332 as part of the Isolation Break Project
12/10/08	12:00 - 15:00	AEG	Cell 5	AEG cut through the 12" header running E to W near D2-M and capped it off on each end
12/10/08	7:00 - 17:00	AEG	88 acres	Blackhawk pump maintenance and O&M leachate sampling
12/11/08	7:00 - 17:30	BVR	Cell 5/7 to 7/8A	Performed waste excavation/relocation activities for the Isolation Break Project
12/11/08	8:30 - 10:00	AEG	Cell 7	Decommissioned PW-359 as part of the Isolation Break Project
12/11/08	7:00 - 17:00	AEG	88 acres	Blackhawk pump maintenance and O&M leachate sampling
12/12/08	7:00 - 17:30	BVR	Cell 5/7 to 7/8A	Performed waste excavation/relocation activities for the Isolation Break Project
12/12/08	7:00 - 17:00	AEG	88 acres	Blackhawk pump maintenance and O&M leachate sampling
12/13/08	7:00 - 12:30	AEG	88 acres	Blackhawk pump maintenance

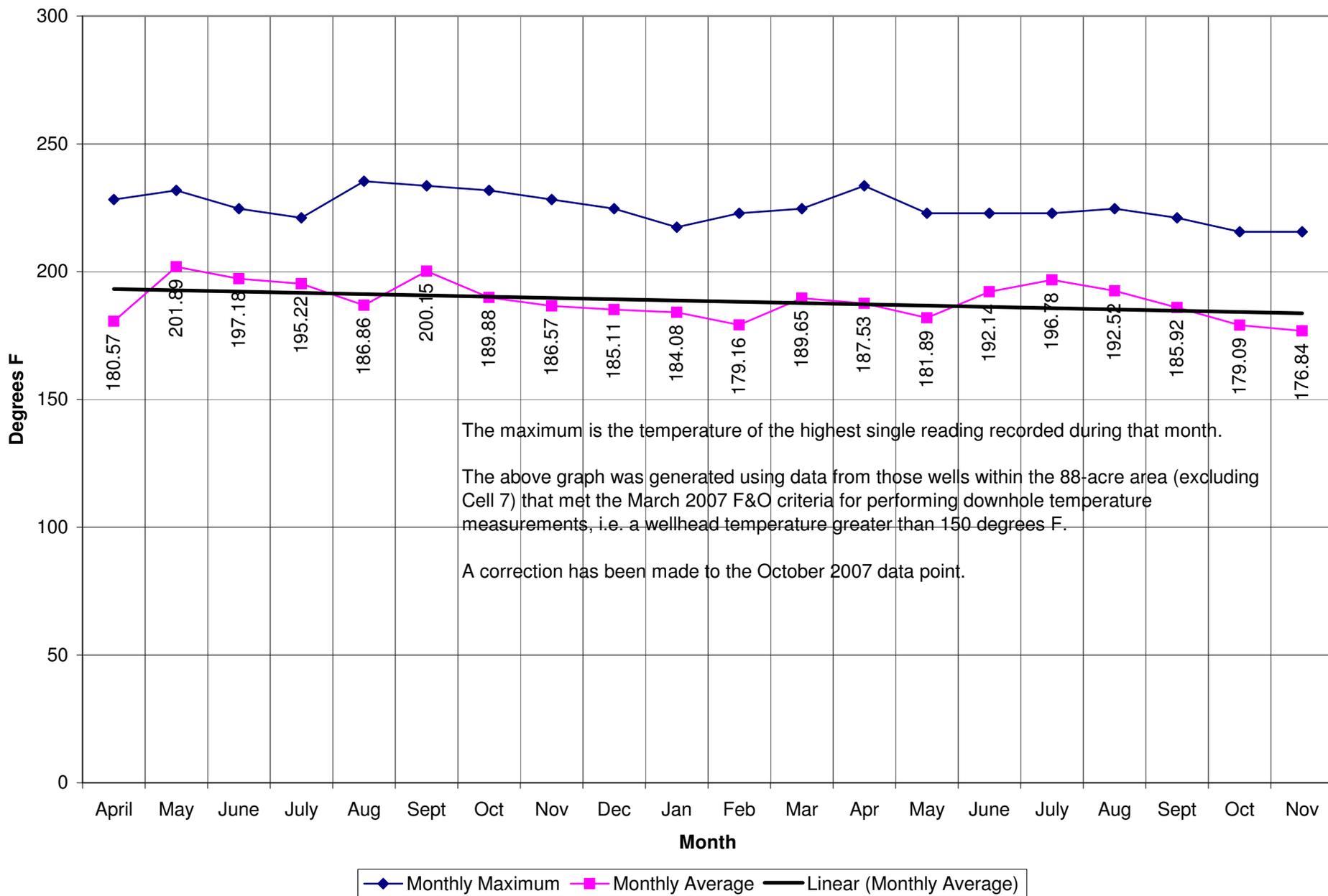
Initial Wellhead Temperatures in the 88-acre Area



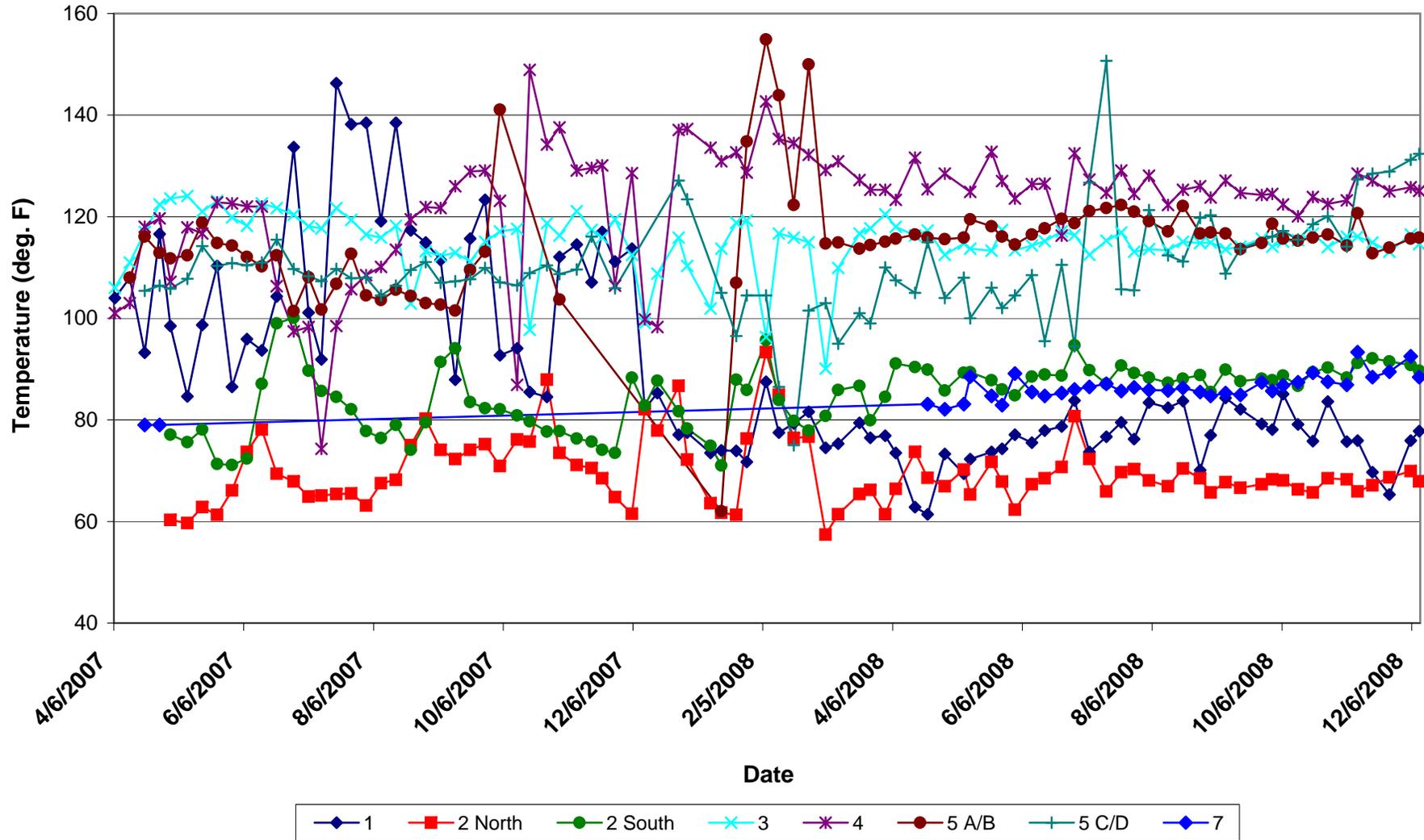
All Cell 7 wells excluded except PW-315.
Anomalous readings from PW-147 excluded for June 2008.

◆ Monthly Average ■ Monthly Maximum ▲ Monthly Minimum

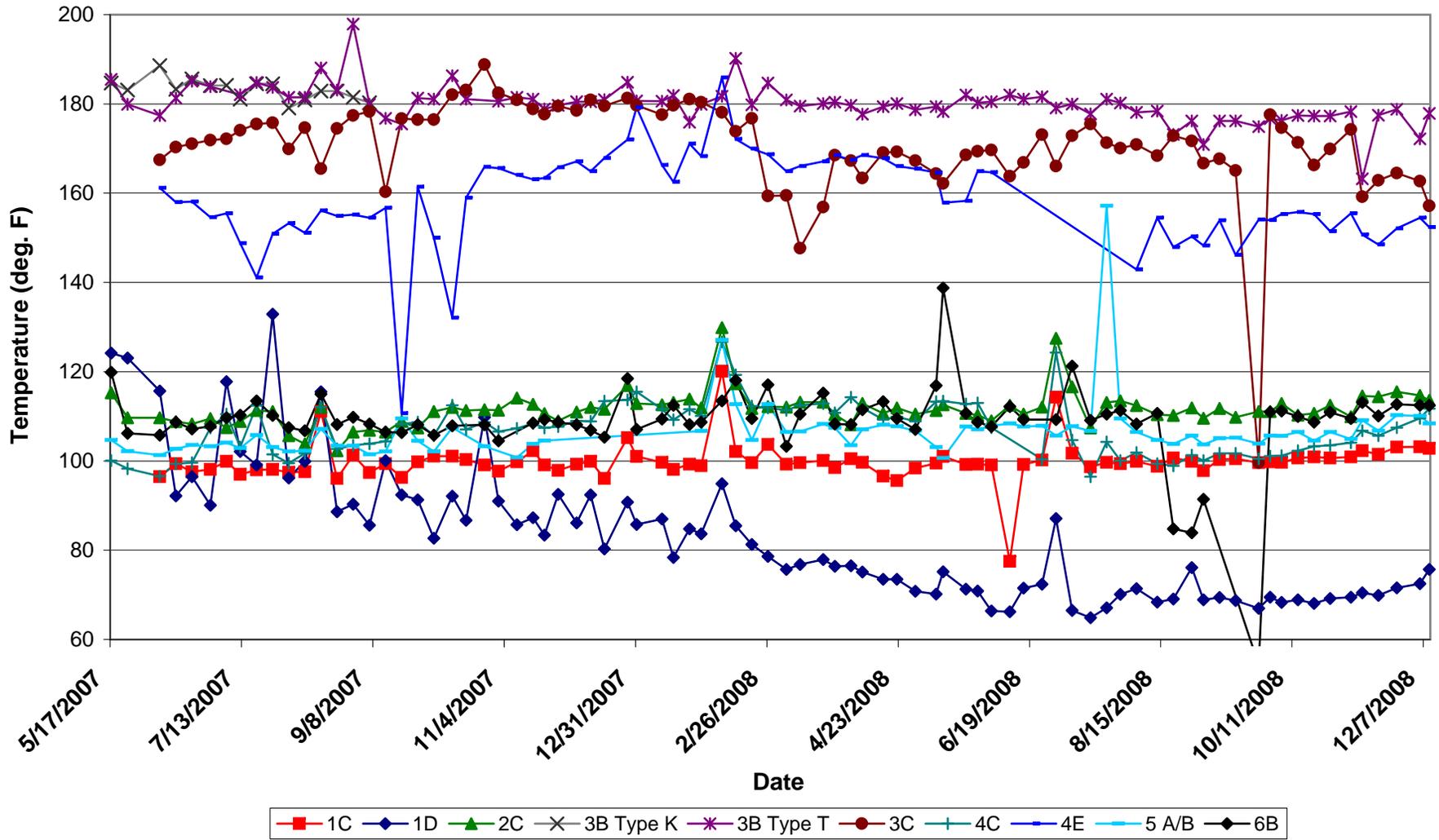
Downhole Temperatures Monthly Maximums and Averages



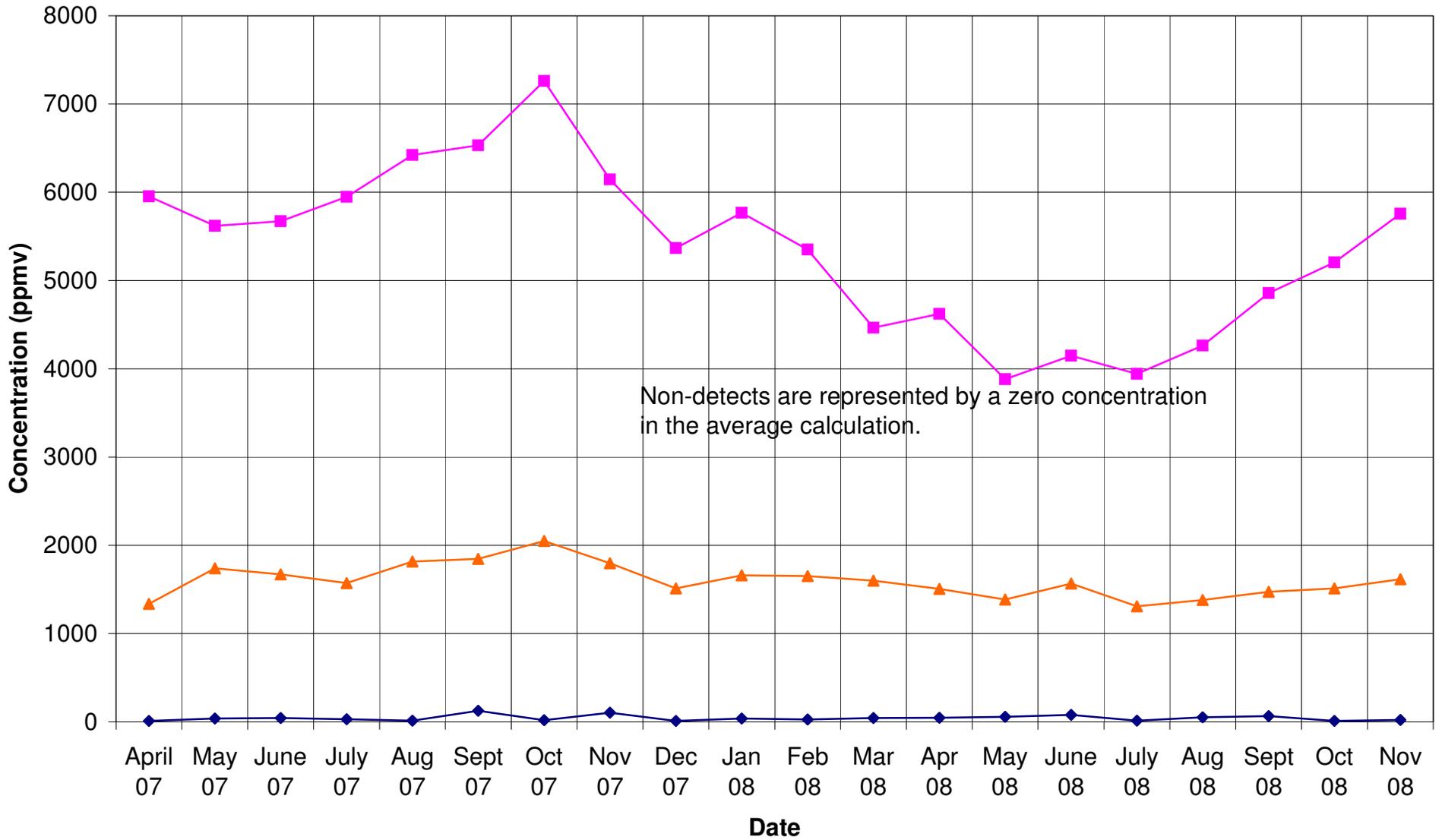
Weekly Leachate Temperatures in Cell Sump



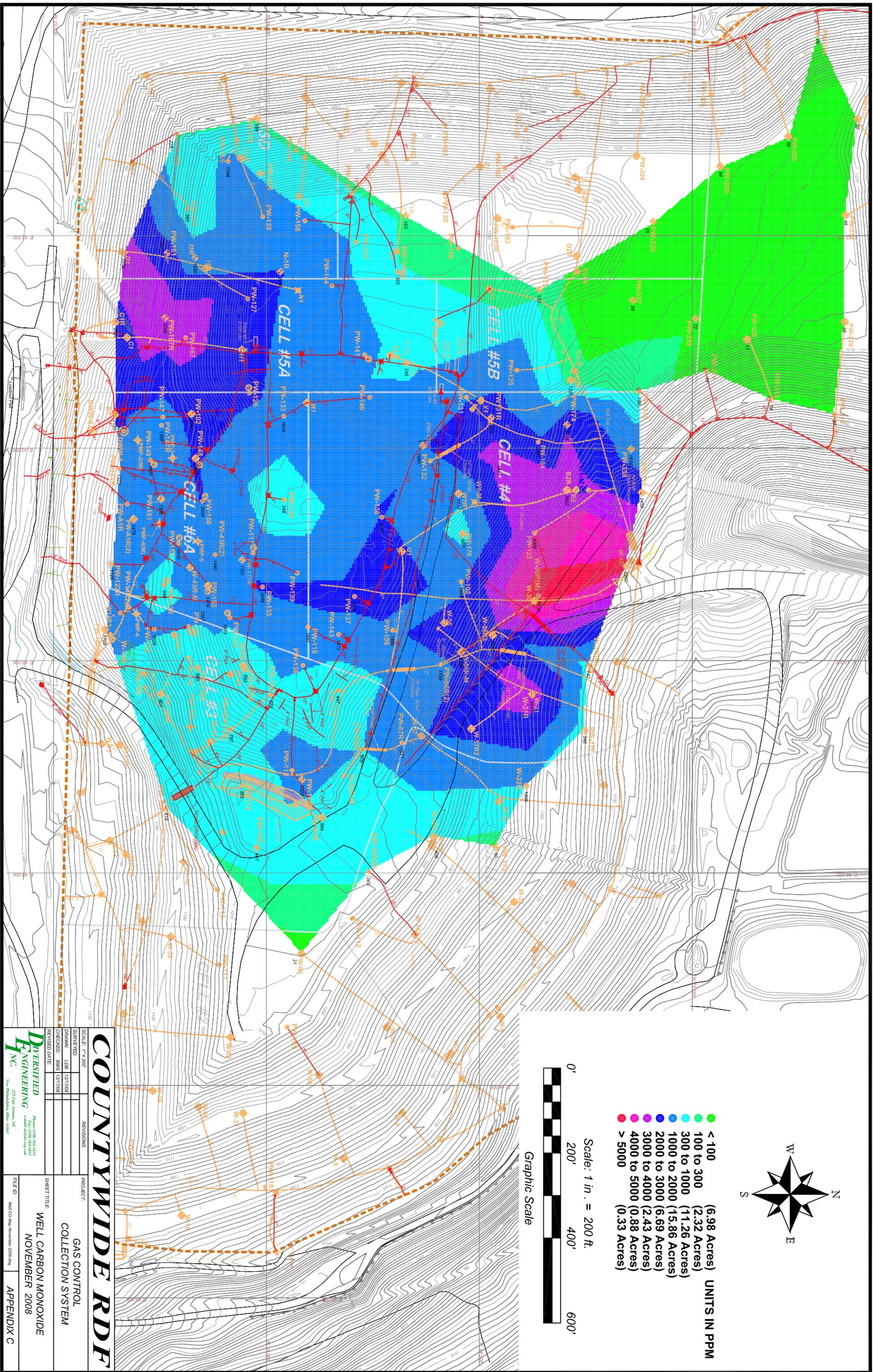
Weekly Leachate Cleanout Riser Temperatures



Carbon Monoxide Concentrations (Excluding Invalid Sample Results)



◆ Minimum Detected Concentration
 ■ Maximum Concentration
 ▲ Average Concentration



COUNTYWIDE RDF

SCALE: 1" = 200'	REVISIONS	PROJECT: GAS CONTROL COLLECTION SYSTEM
SURVEYED: LJB 12/17/08		
CHECKED: BMS 12/17/08		
REVISED DATE:		

DIVERSIFIED ENGINEERING INC.
 235 Pitt. Avenue, NJ
 New Philadelphia, Ohio 44663

PROJECT: 1306 364.1631
 DATE: 12/17/08 364.4811
 EMAIL: ddiver@diversifiedeng.com

SHEET TITLE: WELL CARBON MONOXIDE NOVEMBER 2008

FILE ID: Well CO Map November 2008.dwg APPENDIX C