

Countywide Recycling and Disposal Facility

Weekly Progress Report

08/22/08

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 16, 2008 to August 22, 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 August 22, 2008
Downhole Temp. Graph	2	Updated August 22, 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 15, 2008
Quarterly Cumulative Sett. Graph	8	Updated June 27, 2008
CO Graph	9	Updated August 22, 2008
Leachate Volume Graph	10	Updated August 22, 2008
Leachate COD Graph	11	Updated August 22, 2008
Leachate TDS Graph	12	Updated August 22, 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 August 22, 2008
4-Week Cumulative Sett. Front Map	B	Updated July 18, 2008
Carbon Monoxide Zone Map	C	Updated August 22, 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 08-22-08

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	A meeting was held between Countywide and OEPA, wherein a proposal was made for the standard to be achieved prior to performing a baseline gas flow. Countywide will formalize this proposal and submit it soon.

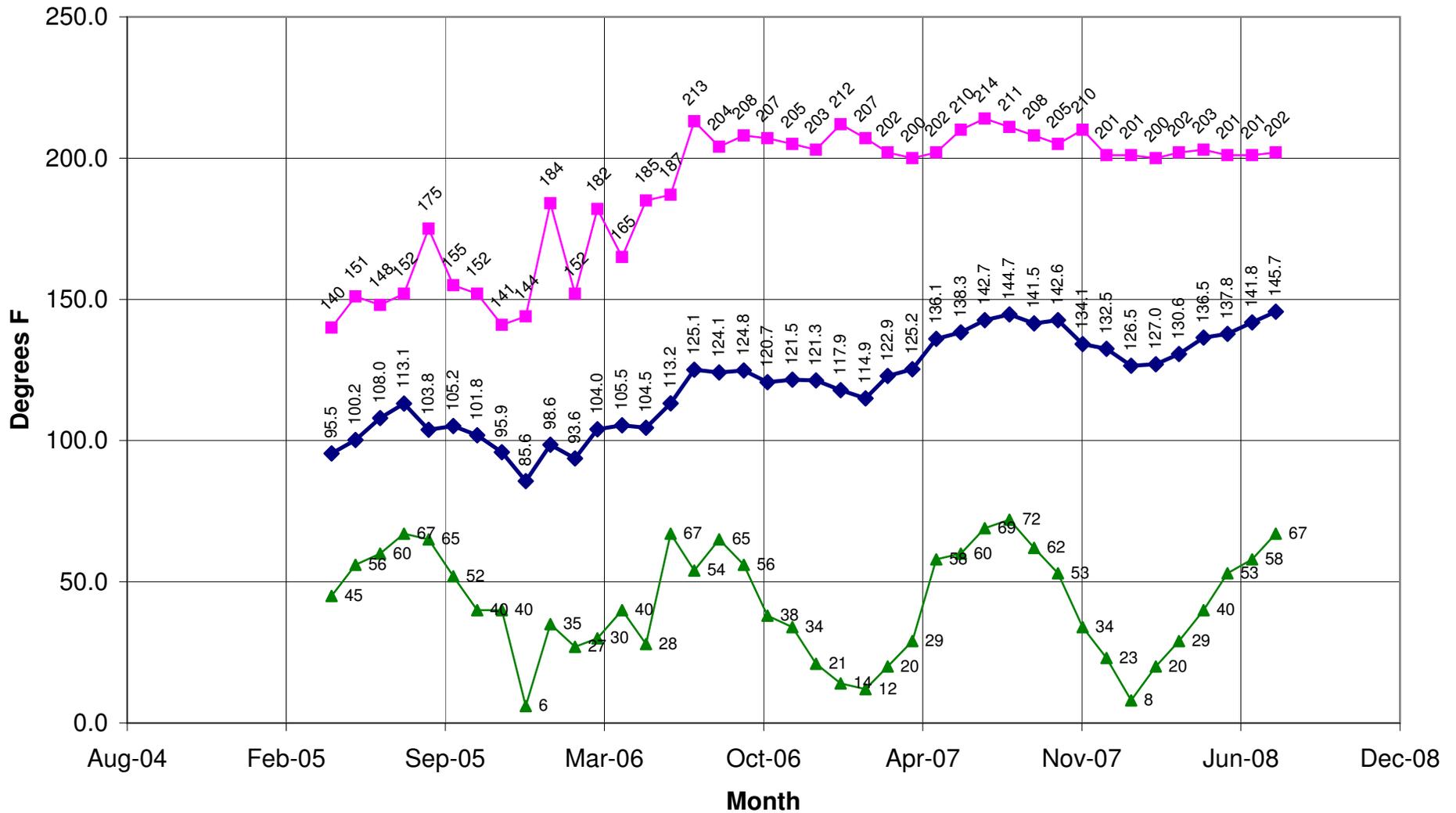
* The estimate of "required" or "goal" items may change as project progresses.

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.
8/10/08	N/A	N/A	No activities monitored
8/11/08	7:30 - 17:30	AEG	Blackhawk pump maintenance and O&M leachate sampling.
8/11/08	9:30 - 18:00	ET	Excavation on west edge of Cell 5 for the Area N toe drain
8/11/08	7:00 - 18:00	AEG	Excavation on west edge of Cell 5 for the Area N toe drain
8/11/08	7:00 - 17:30	BVR	Excavation for Leachate/LFG collection system installation on the west slope of Cell 5 in Area N
8/11/08	8:00 - 10:30	AEG	Broken discharge line at 31-R. Some leachate leaked out of the pipe.
8/11/08	7:30 - 9:30	AEG	Odor and moisture condensate at PW-149
8/12/08	7:30 - 17:30	AEG	Blackhawk pump maintenance and O&M leachate sampling.
8/12/08	7:00 - 18:00	AEG	Excavation on west edge of Cell 5 for the Area N toe drain
8/12/08	7:00 - 17:30	BVR	for Leachate/LFG collection system installation on the west slope of Cell 5 in Area N
8/12/08	7:30 - 9:30	AEG	Broken 8" saddle on the 18" header in bowl area of Cell 5
8/12/08	10:30 - 16:00	DYNA	Cell 5 C/D riser leaked leachate while Dynamerican was performing maintenance
8/12/08	8:30 - 11:00	DYNA	Cell 5 A/B riser leaked leachate while Dynamerican was performing maintenance
8/12/08	7:30 - 9:30	AEG	Odor and moisture condensate at PW-147R
8/13/08	7:30 - 17:30	AEG	Blackhawk pump maintenance and O&M leachate sampling.
8/13/08	16:30 - 17:00	AEG	AEG pump crew cut and capped the air/force main in Area D
8/13/08	14:00 - 15:30	AEG	Leachate outbreak from broken discharge line at PW-151.
8/13/08	7:00 - 17:30	BVR	Excavation for Leachate/LFG collection system installation on the west slope of Cell 5 in Area N
8/14/08	7:30 - 8:00	AEG	Odor and moisture condensate at PW-167R
8/15/08	12:00 - 13:30	AEG	Well Maintenance Activities at Relief Well #2
8/15/08	7:30 - 17:30	AEG	Blackhawk pump maintenance and O&M leachate sampling.
8/16/08	7:00 - 18:00	AEG	Cell 5 C/D toe drain sump is leaking some moisture condensate.
8/16/08	7:30 - 17:30	AEG	Blackhawk pump maintenance

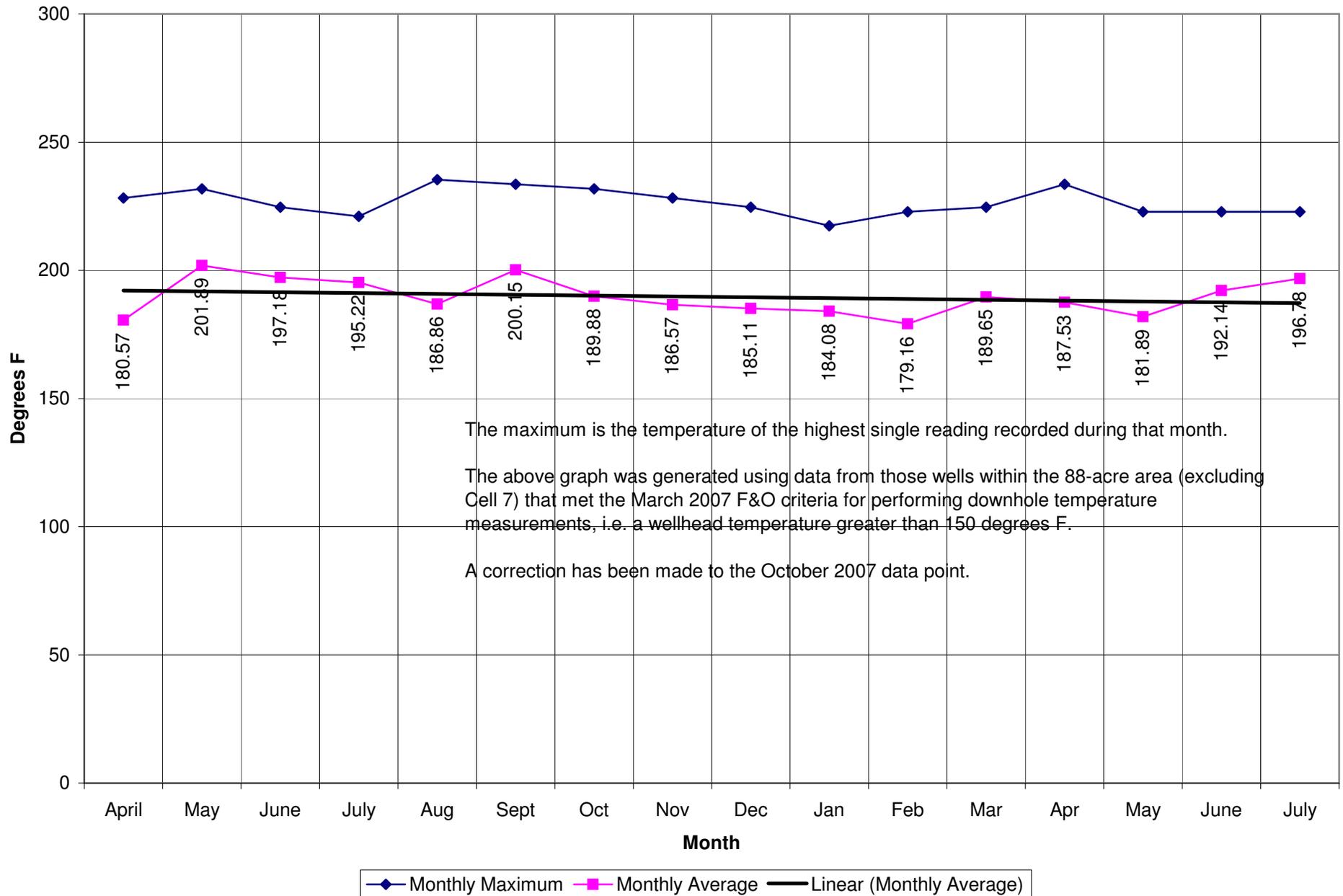
Initial Wellhead Temperatures in the 88-acre Area



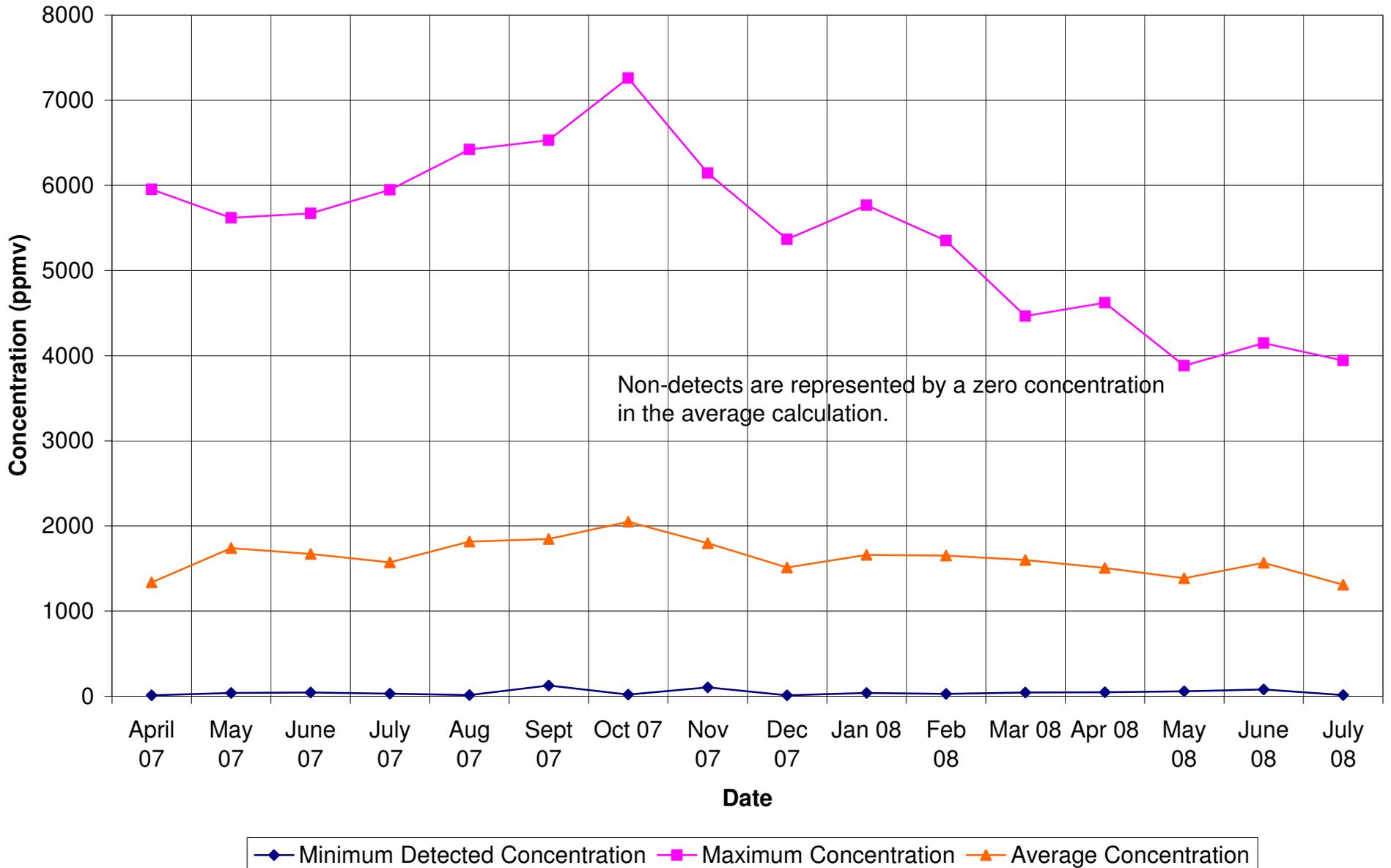
All Cell 7 wells excluded except PW-315.
Anomalous readings from PW-147 excluded for June 2008.

◆ Monthly Average ■ Monthly Maximum ▲ Monthly Minimum

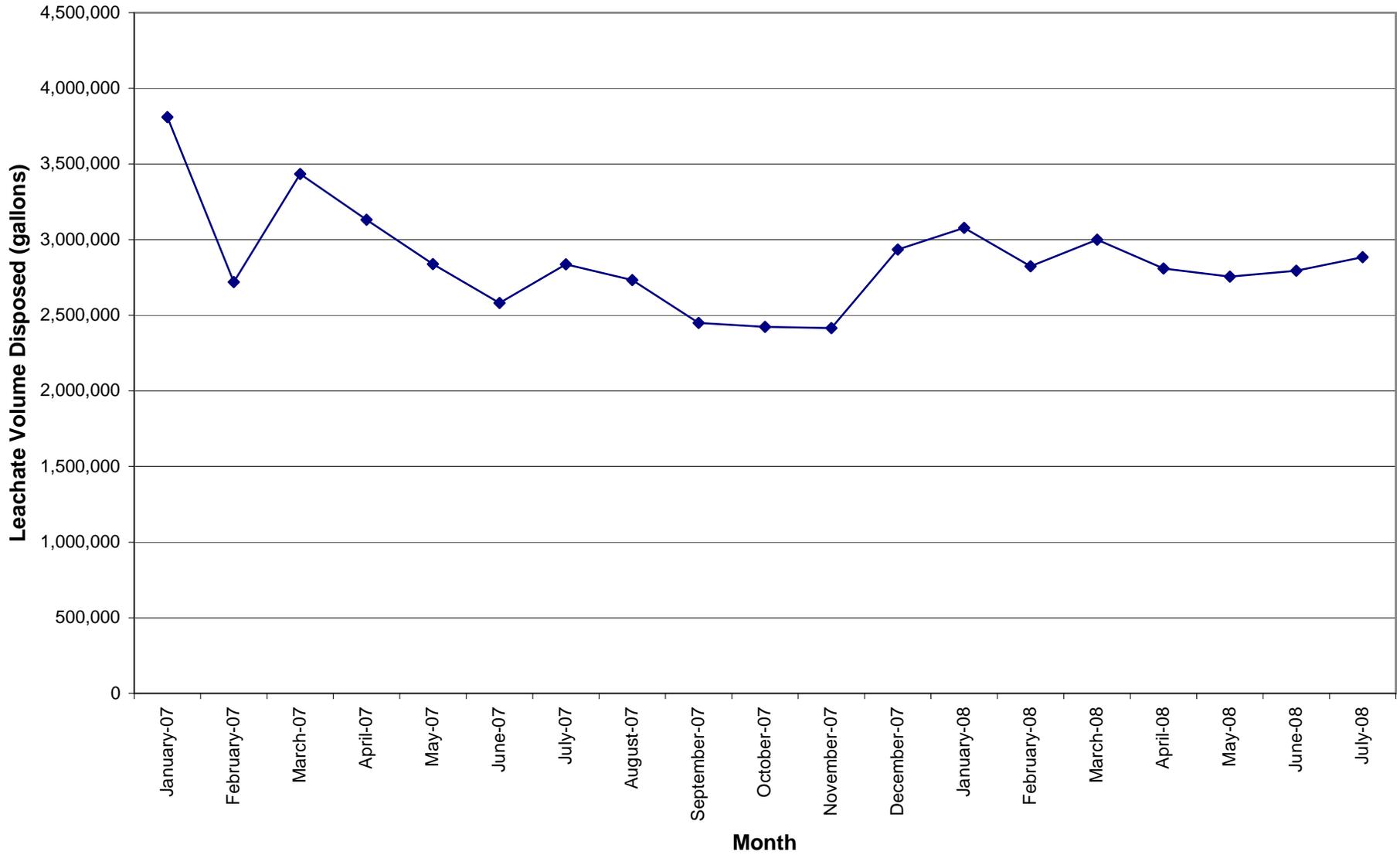
Downhole Temperatures Monthly Maximums and Averages

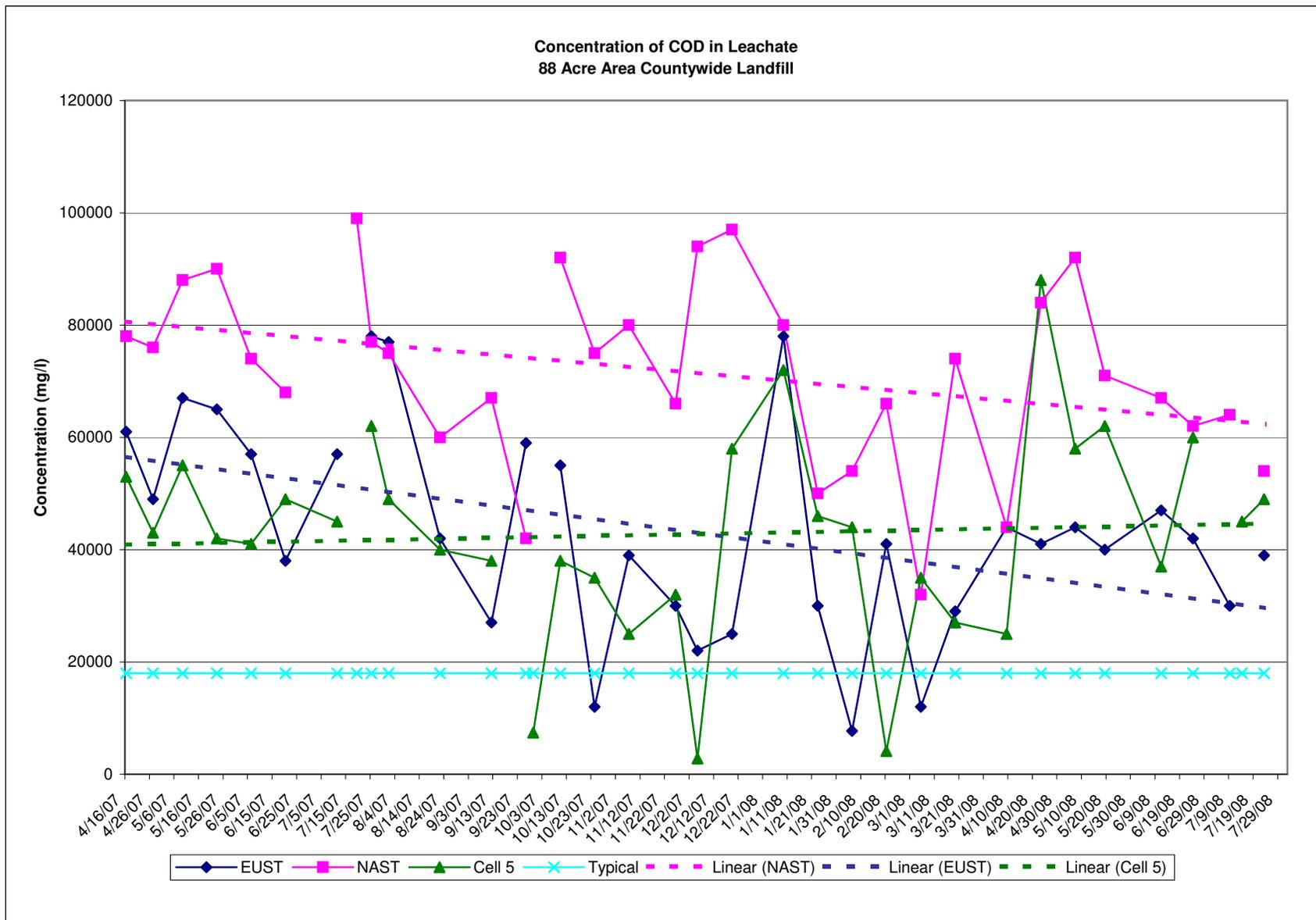


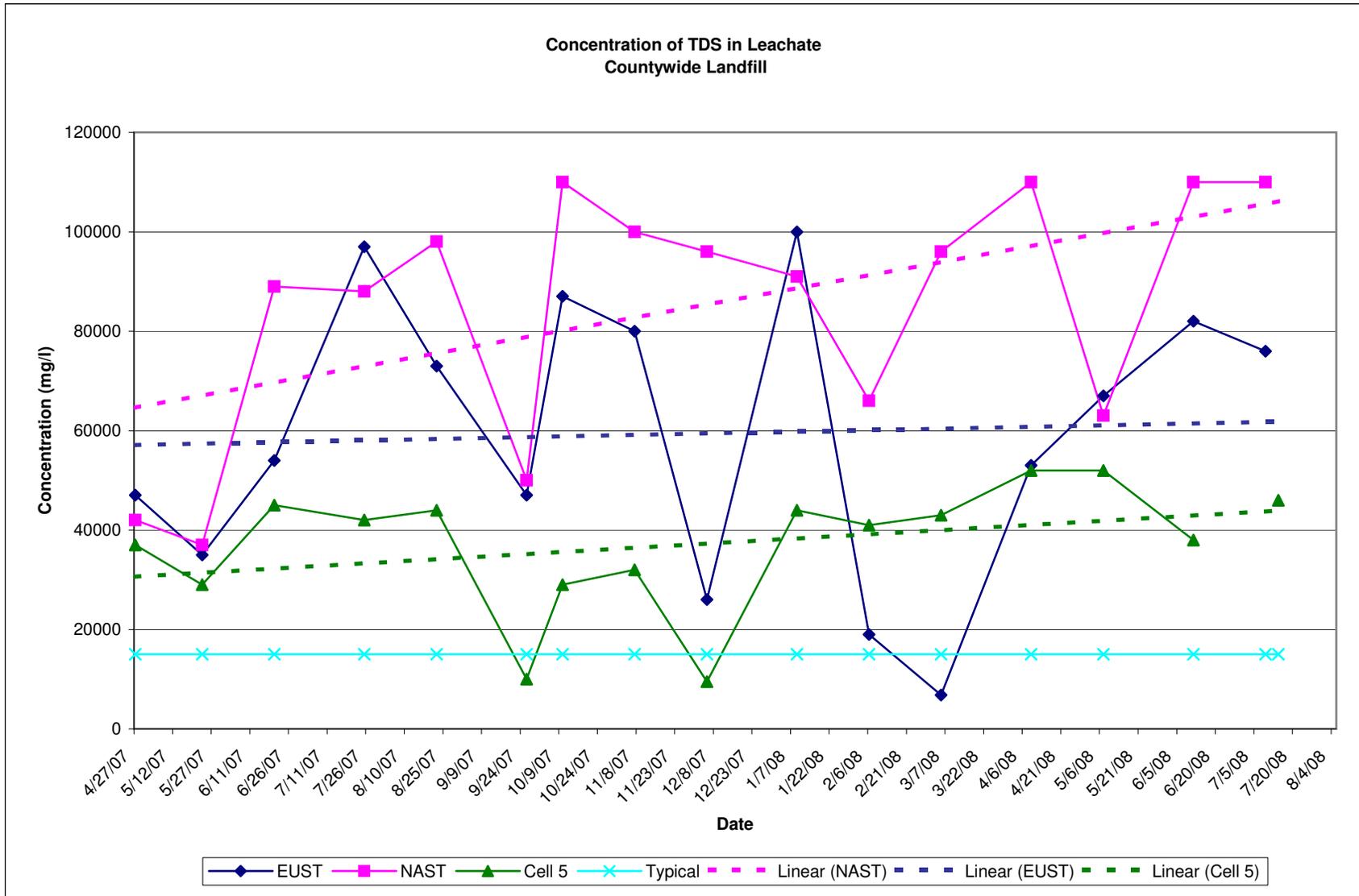
Carbon Monoxide Concentrations (Excluding Invalid Sample Results)

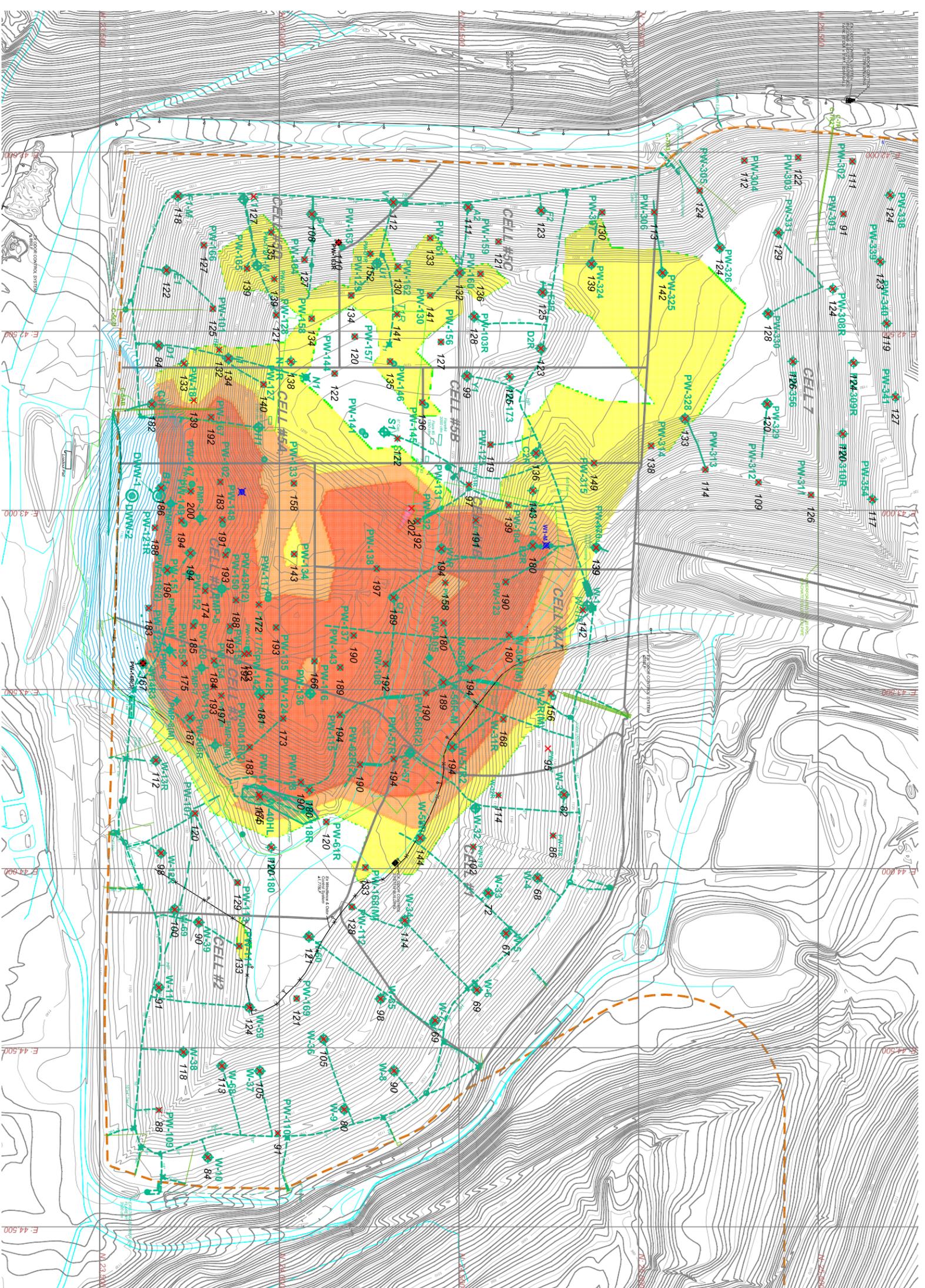


Monthly Leachate Flow from 88-Acre Area
Countywide Landfill





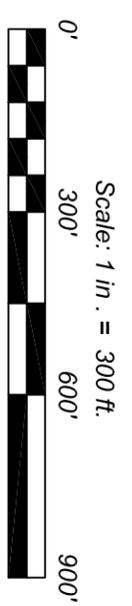
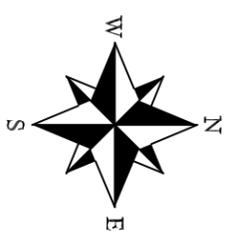




WELL TEMPERATURE

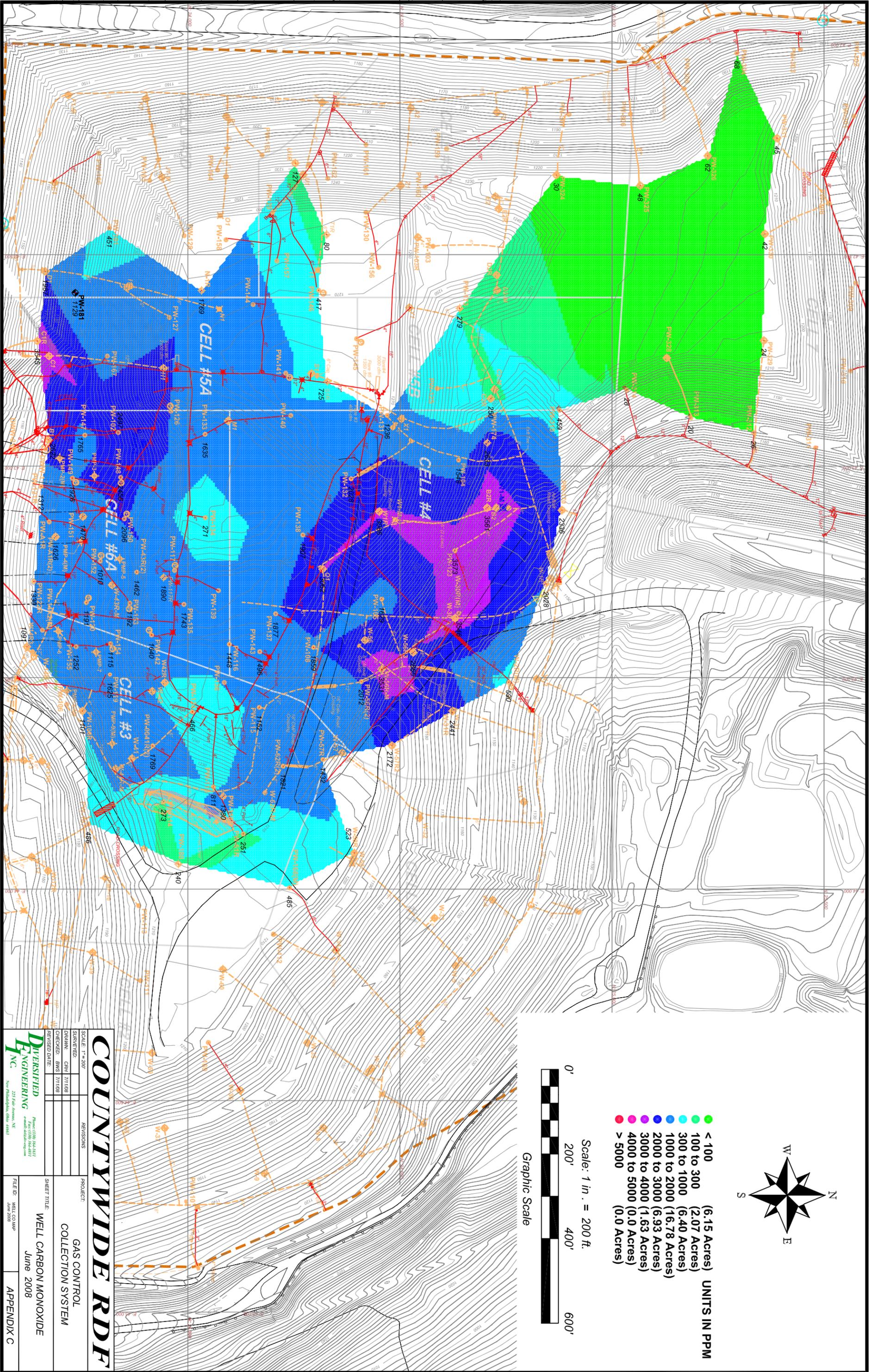
COLOR LEGEND

- Temp Zone(°F)
- Greater Than 131 (14.79 Acres)
 - Greater Than 150 (5.67 Acres)
 - Greater Than 170 (18.02 Acres)
 - Greater Than 200 (0.02 Acres)

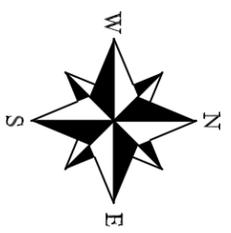


COUNTYWIDE RDF

REVISIONS		PROJECT:
SCALE: 1" = 300', CTR = 2"		GAS CONTROL
SURVEYED:		COLLECTION SYSTEM
DRAWN: CHH 8/8/08		
CHECKED: BMS 8/8/08		
REVISED DATE:		
<p>DIVERSIFIED ENGINEERING INC. Phone: (614) 944-1411 Fax: (614) 944-4811 Email: info@diversified-eng.com 221 Fair Avenue, NE New Philadelphia, Ohio 44663</p>		<p>SHEET TITLE: INITIAL WELL TEMPERATURES JULY 2008</p>
FILE ID: MAY2008		SHEET 1 OF 1



- UNITS IN PPM**
- < 100 (6.15 Acres)
 - 100 to 300 (2.07 Acres)
 - 300 to 1000 (6.40 Acres)
 - 1000 to 2000 (16.78 Acres)
 - 2000 to 3000 (6.93 Acres)
 - 3000 to 4000 (1.63 Acres)
 - 4000 to 5000 (0.0 Acres)
 - > 5000 (0.0 Acres)



COUNTYWIDE RDF

REVISIONS		PROJECT:	GAS CONTROL COLLECTION SYSTEM	
SCALE: 1" = 200'	SURVEYED:	DRAWN:	WELL CARBON MONOXIDE	
	CRII 7/17/08		June 2008	
CHECKED: BMS 7/17/08			APPENDIX C	
REVISED DATE:		SHEET TITLE:		



PROJECT: GAS CONTROL COLLECTION SYSTEM
 WELL CARBON MONOXIDE
 June 2008
 APPENDIX C