

Countywide Recycling and Disposal Facility

Weekly Progress Report

10/31/08

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 October 25, 2008 to October 31, 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 Oct. 17, 2008
Downhole Temp. Graph	2	Updated Oct. 17, 2008
FBMP Max. In-Situ Temp. Graph	3	Updated Oct. 31, 2008
INC In-Situ Temp. Graph	4	Updated Oct. 10, 2008
Leachate Sump Temperature. Graph	5	Updated Oct. 31, 2008
LCS Temperature Graph	6	Updated Oct. 31, 2008
Weekly Cumulative Sett. Graph	7	Updated Oct. 31, 2008
Quarterly Cumulative Sett. Graph	8	Updated Oct. 10, 2008
CO Graph	9	Updated Oct. 31, 2008
Leachate Volume Graph	10	Updated Oct. 17, 2008
Leachate COD Graph	11	Updated Oct. 10, 2008
Leachate TDS Graph	12	Updated Oct. 10, 2008
Odor (Nasal Ranger) Readings	13	Updated Oct. 31, 2008

<u>Appendices (transmitted separately)</u>	<u>Appendix No.</u>	<u>Comments</u>
Wellhead Temperature Zone Map	A	Updated Oct. 17, 2008
4-Week Cumulative Sett. Front Map	B	Updated Oct. 17, 2008
Carbon Monoxide Zone Map	C	Updated Oct. 31, 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 10-31-08**

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	Significant restoration to this system (following capping activities) has been performed.
Install 2-inch HDPE Air Supply Line	l.f.	10500	10500	0	10500	0	Significant restoration to this system (following capping activities) has been performed.
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	Significant 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	Significant 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 will perform a test to measure gain in gas flow vs. drawdown for two wells next week.

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

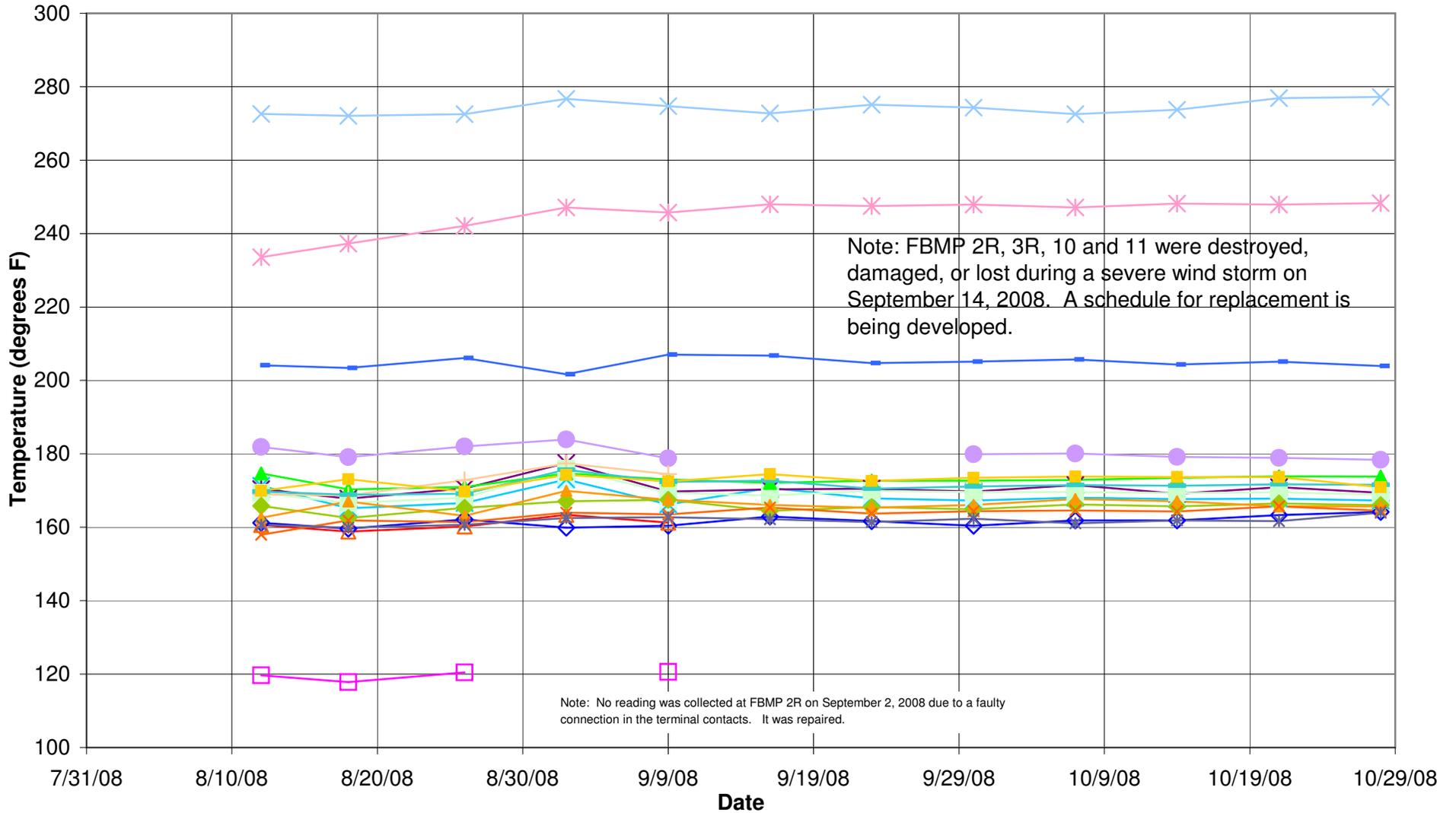
Note: This table presents one-time field activities and does not address recurring activities such as liquid level measurements, downhole temperature profiles, liquid sampling, etc.

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

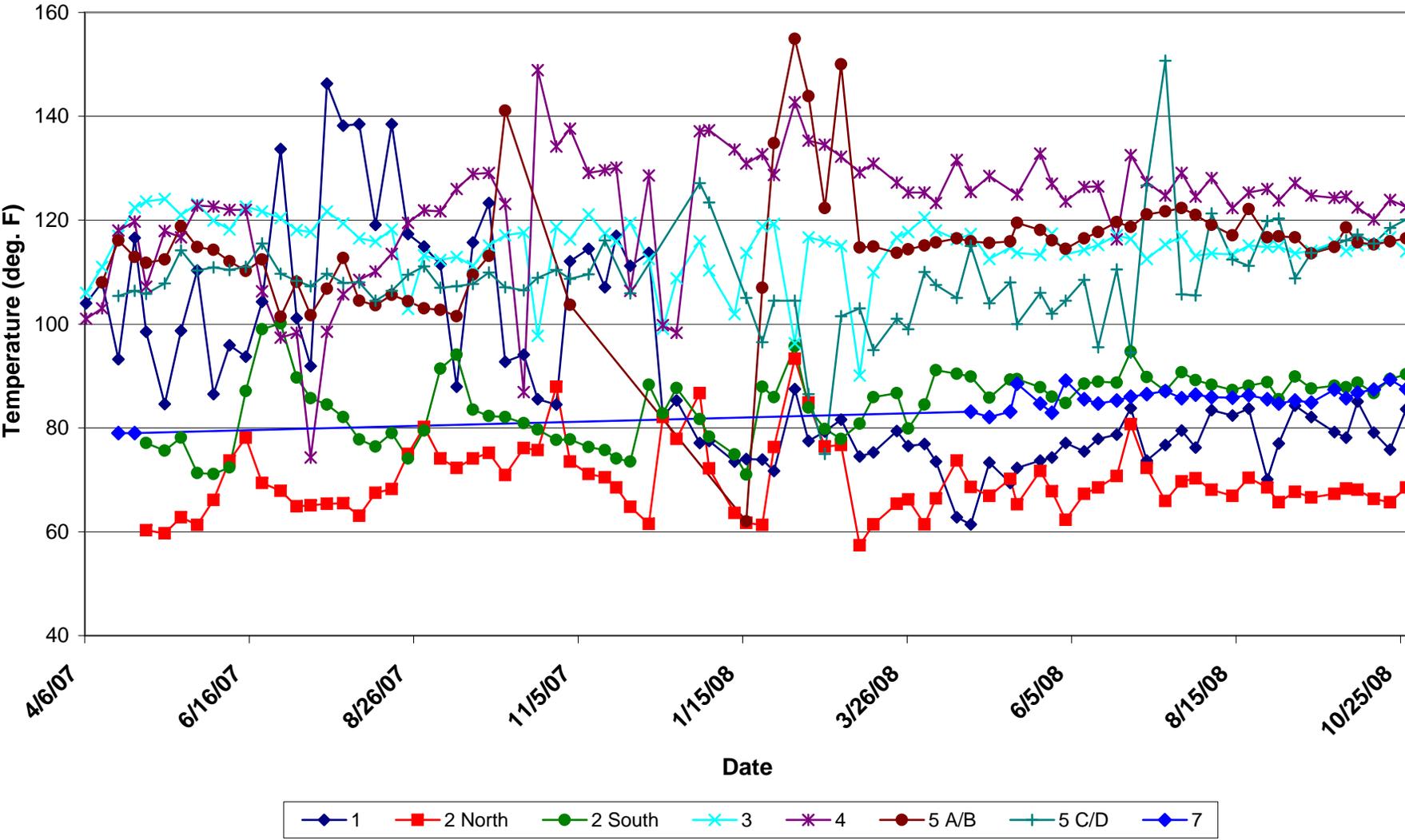
Date	Approx. Time	Contractor	Location	Field Activity or Potentially Odor-Causing Incident.
10/19/08	NA	NA	NA	No activities monitored
10/20/08	11:00 - 12:30	ET/AEG	Cell 5 A/B	Small leachate outbreak/moisture condensate at rip in liner at Cell 5 A/B
10/20/08	7:00 - 17:00	AEG	88 acres	Blackhawk pump maintenance and O&M leachate sampling
10/21/08	9:00 - 17:00	AEG	bowl area/Cell 5	Moisture condensate was emitted from rips in the liner at the top of the bowl area of Cell 5
10/21/08	7:00 - 17:00	AEG	88 acres	Blackhawk pump maintenance and O&M leachate sampling
10/22/08	8:30 - 11:30	AEG	NE Corner-Cell 2	Open excavation to install forcemain cleanouts
10/22/08	7:00 - 8:00	JMW/AEG	SW Corner-Cell 5	Leachate outbreak from Cap blowing off of 6" Leachate collector riser
10/22/08	7:00 - 17:00	AEG	88 acres	Blackhawk pump maintenance and O&M leachate sampling
10/23/08	7:30 - 17:00	ET	Cell 5 A/B	Open excavation at Cell 5 A/B toe drain-Moisutre condensate present
10/23/08	8:30 - 13:00	AEG	Top Cell 5 Haul rd	Excavated to expose tears in the temporary cap liner- Moisture condensate present
10/23/08	7:00 - 17:00	AEG	88 acres	Blackhawk pump maintenance and O&M leachate sampling
10/24/08	13:00 - 15:00	AEG	Flare #7 area	Removed the blinds from the toe drain cleanout/ U-trap in order to perform camera observations
10/24/08	7:00 - 17:00	AEG	88 acres	Blackhawk pump maintenance and O&M leachate sampling
10/25/08	7:00 - 12:00	AEG	88 acres	Blackhawk pump maintenance

In-situ Temperatures Maximum Readings per Date per FBMP Boring

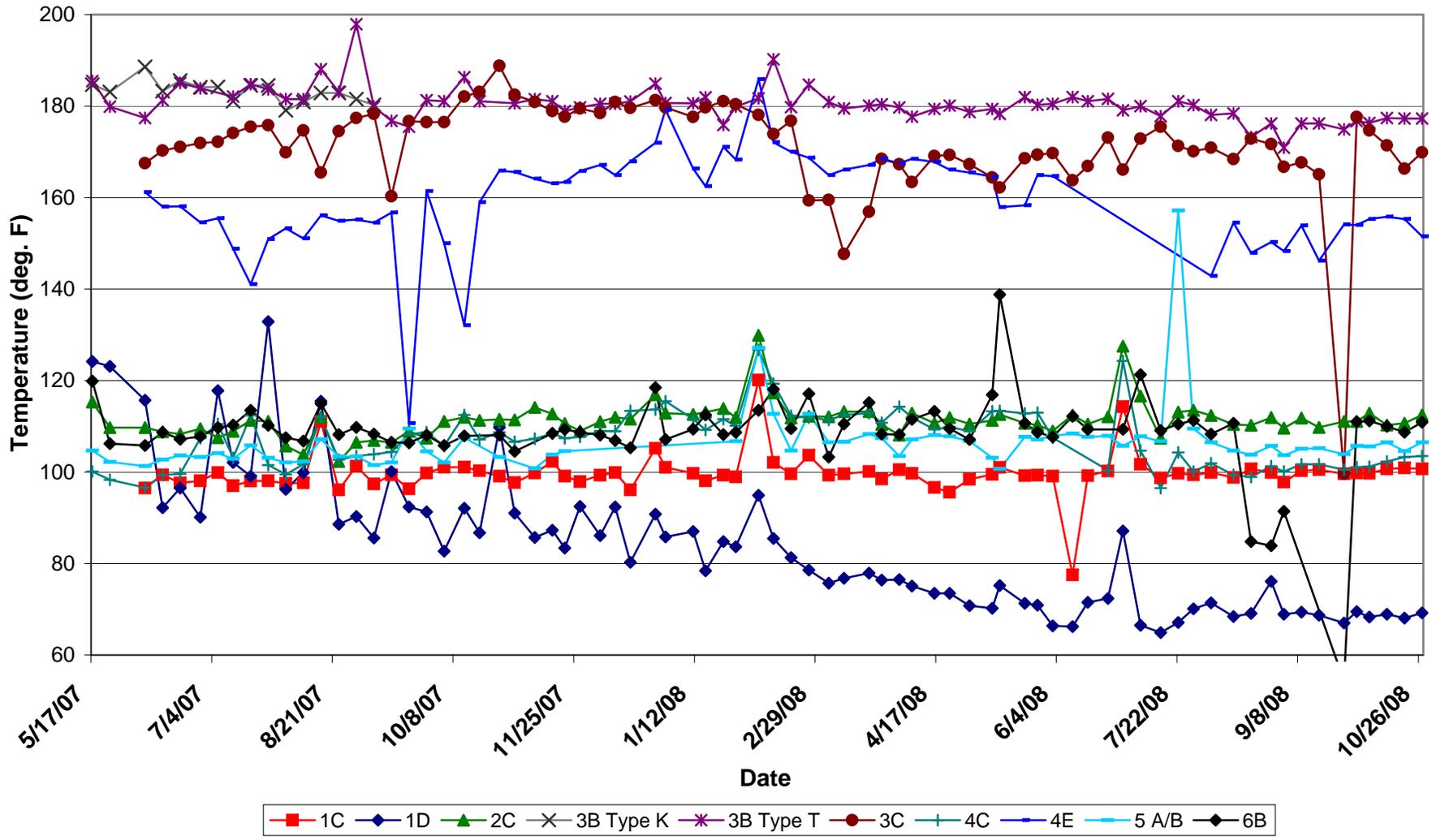
ATTACHMENT 3



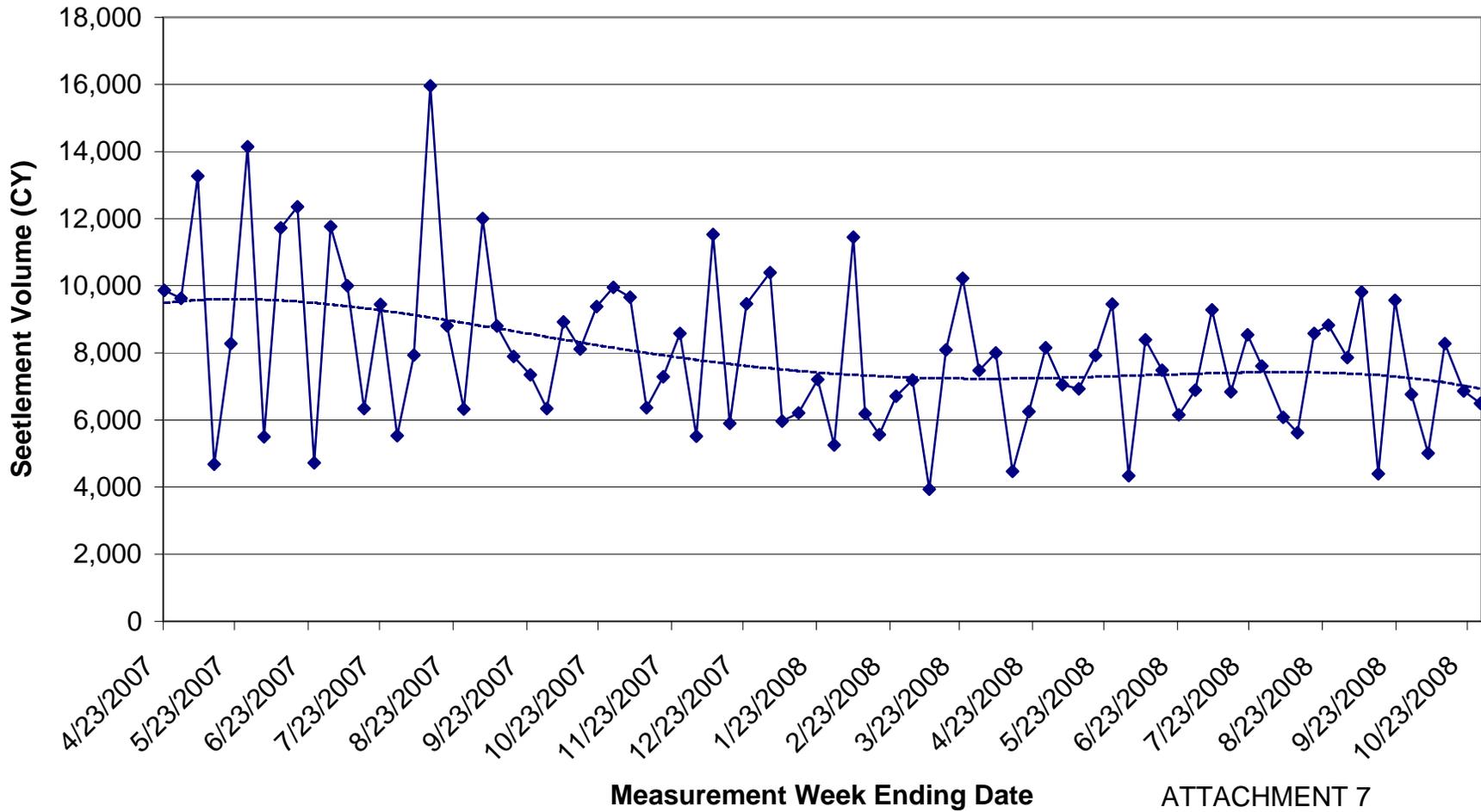
Weekly Leachate Temperatures in Cell Sump



Weekly Leachate Cleanout Riser Temperatures

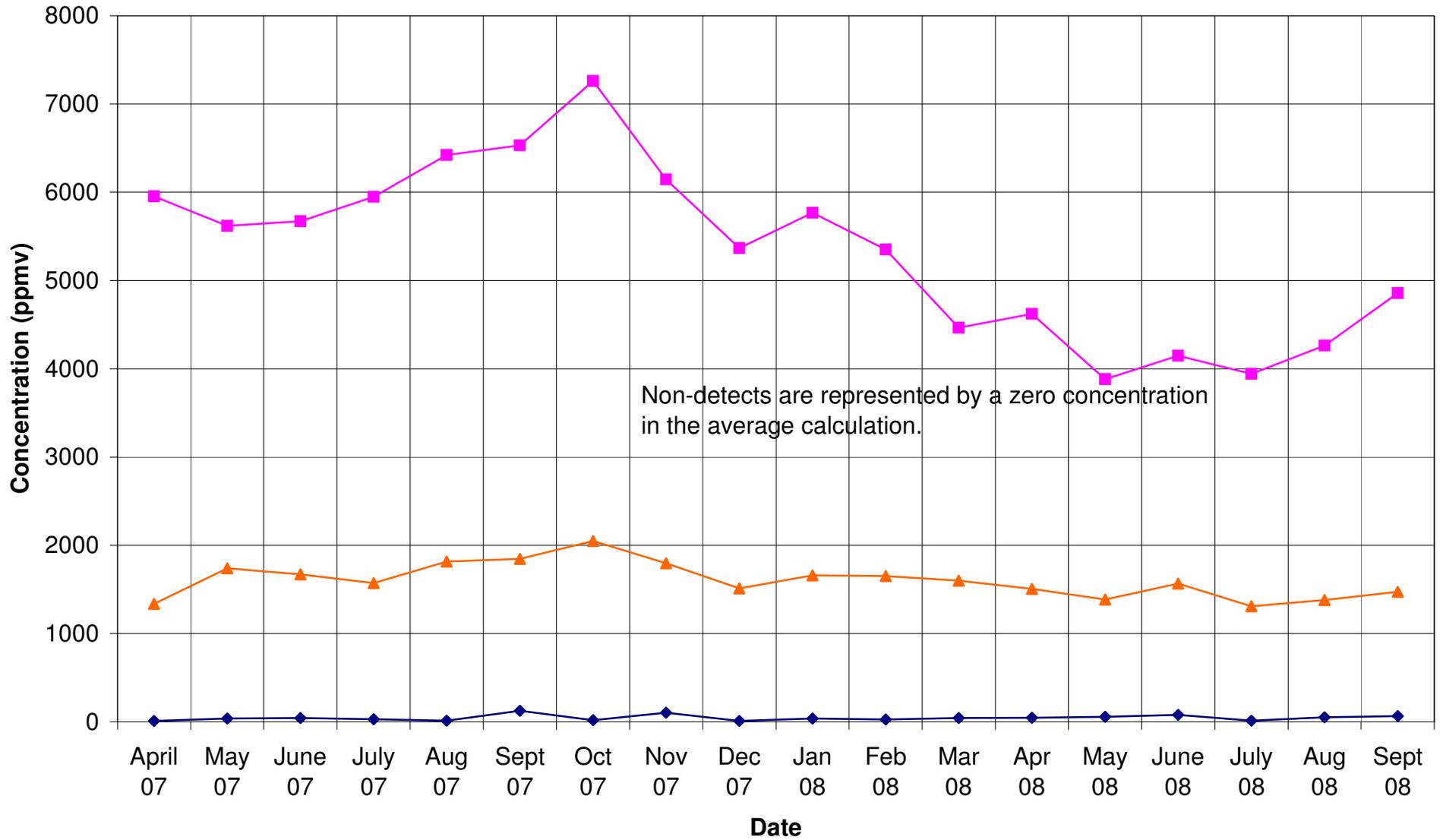


Weekly Settlement Survey in "Reaction Area" Countywide Landfill



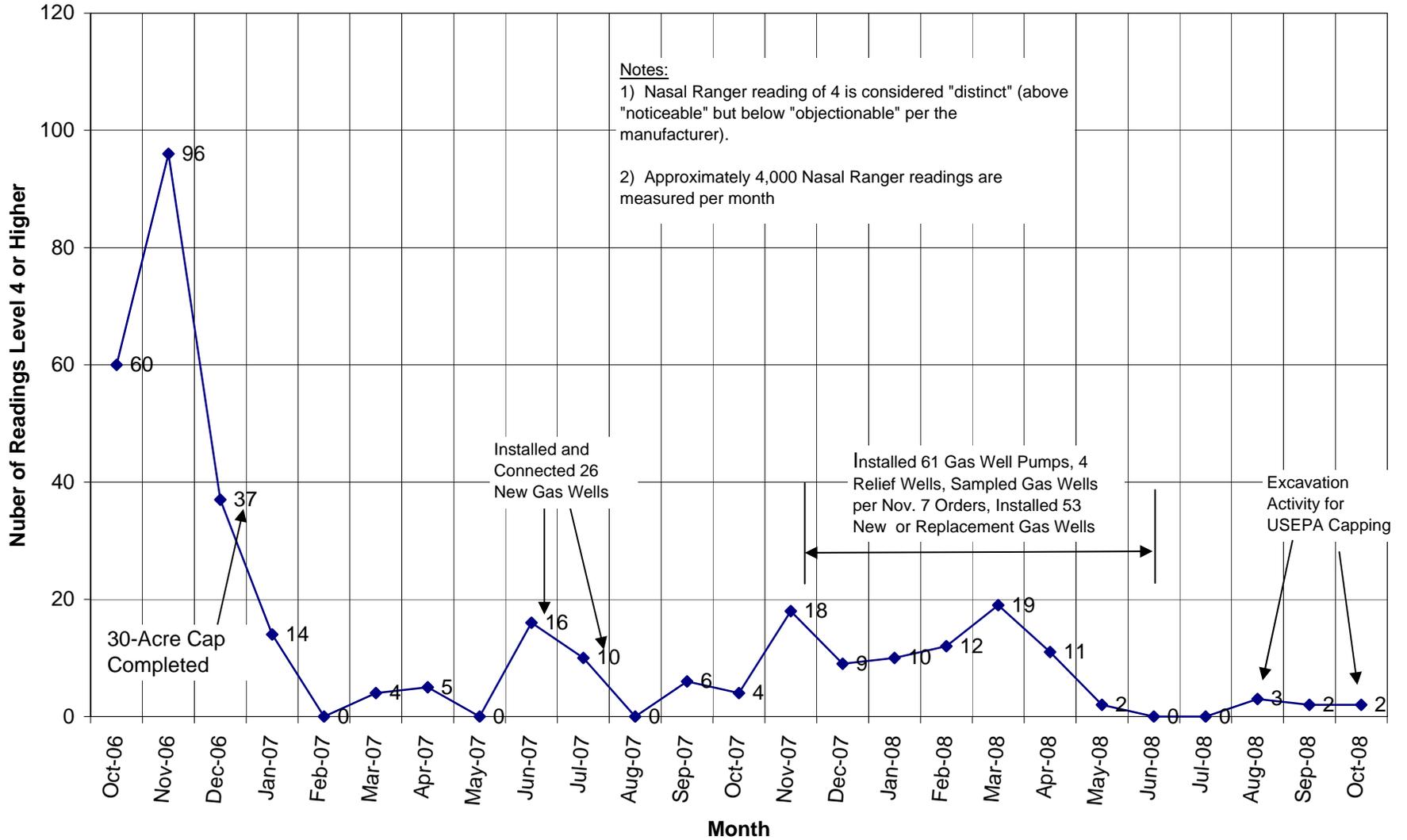
ATTACHMENT 7

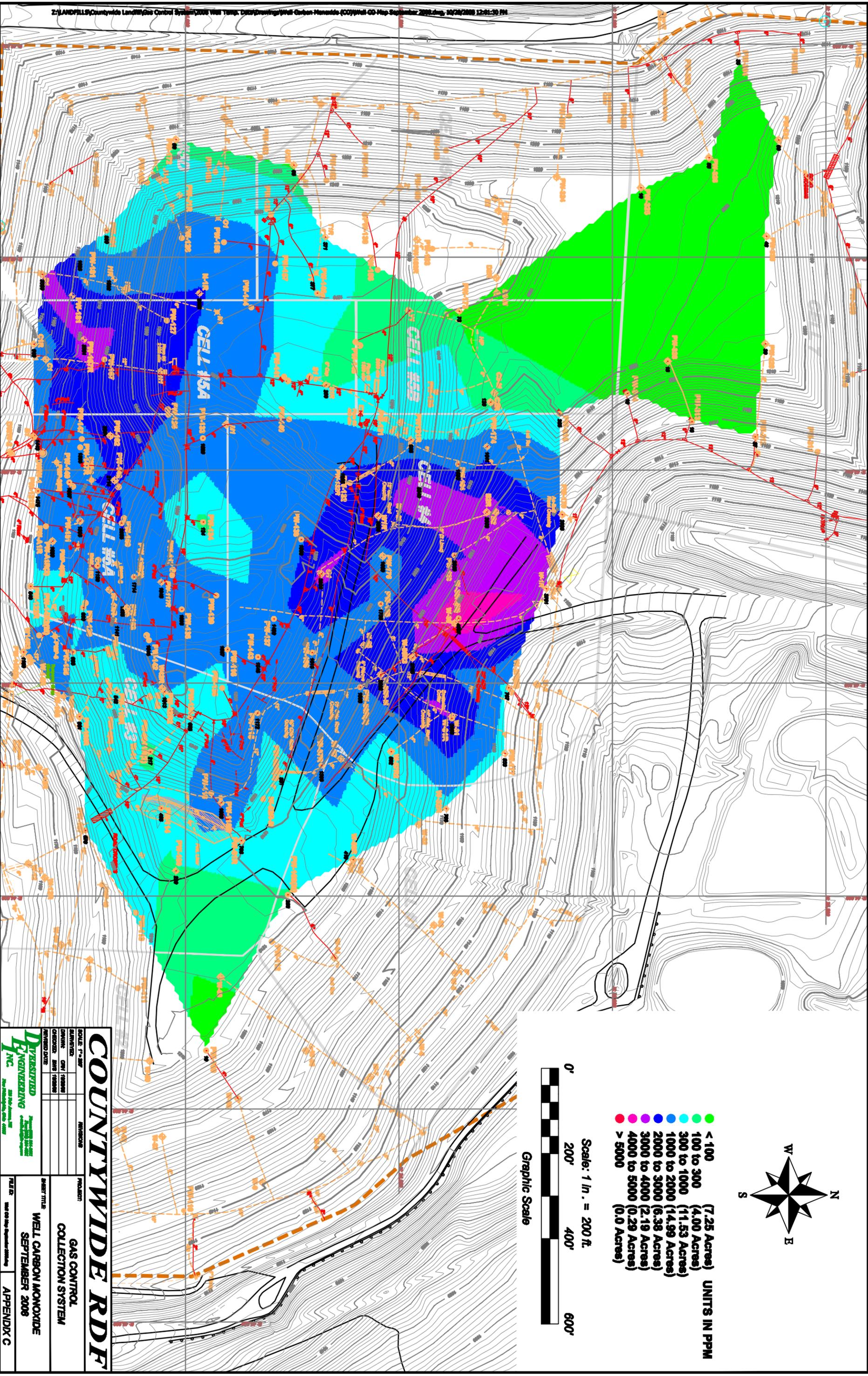
Carbon Monoxide Concentrations (Excluding Invalid Sample Results)



◆ Minimum Detected Concentration
 ■ Maximum Concentration
 ▲ Average Concentration

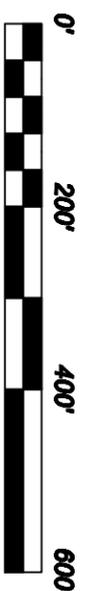
Total Nasal Ranger Readings at Level 4 or Higher



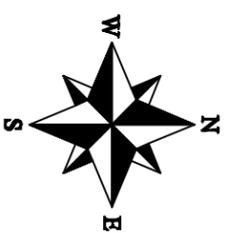


- UNITS IN PPM**
- < 100 (7.25 Acres)
 - 100 to 300 (4.00 Acres)
 - 300 to 1000 (11.53 Acres)
 - 1000 to 2000 (14.99 Acres)
 - 2000 to 3000 (6.38 Acres)
 - 3000 to 4000 (2.19 Acres)
 - 4000 to 5000 (0.29 Acres)
 - > 5000 (0.0 Acres)

Scale: 1 in. = 200 ft.



Graphic Scale



		COUNTYWIDE RDF	
		PROJECT: GAS CONTROL COLLECTOR SYSTEM	SHEET TITLE: WELL CARBON MONOXIDE SEPTEMBER 2008
SCALE: 1" = 200'	DRAWING: ENR 200809	CHECKED: ENR 200809	APPENDIX C
DESIGNED: ENR 200809	DATE:	FILE:	DATE: