Countywide Recycling and Disposal Facility
Weekly Progress Report
01/04/07

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 an update on the status of the reaction and the associated remediation efforts occurring at the Countywide facility. 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 24, 2007 to January 4, 2008.**

PROGRESS ON FIELD ACTIVITIES TOWARD DECEMBER 31, 2007 ORDERS

See the attached Table 1.

DATA PRESENTATION

Attachment	Attachment No.	Comments
Wellhead Temperature Graph	1	Updated Dec. 21, 2007
Downhole Temp. Graph	2	**Updated Jan. 4, 2008**
FBMP Max. In-Situ Temp. Graph	3	**Updated Jan. 4, 2008**
Inclinometer Max. In-Situ Temp. Graph	4	**Updated Jan. 4, 2008**
Leachate Sump Temperature. Graph	5	Updated Dec. 21, 2007
LCS Temperature Graph	6	Updated Dec. 21, 2007
Weekly Cumulative Sett. Graph	7	**Updated Jan. 4, 2008**
Quarterly Cumulative Sett. Graph	8	**Updated Jan. 4, 2008**
CO Graph	9	Updated Dec. 3, 2007
Leachate Volume Graph	10	Updated Dec. 3, 2007
Leachate COD Graph	11	Updated Dec. 3, 2007
Leachate TDS Graph	12	Updated Dec. 3, 2007
VOC Concentration Graph	13	Updated Dec. 3, 2007

Appendices (transmitted separately)	Appendix No.	Comments
Wellhead Temperature Zone Map	A	Not Included with this Update
4-Week Cumulative Sett. Front Map	B	Not Included with this Update
Carbon Monoxide Zone Map	C	Not Included with this Update

OUTSTANDING ISSUES

Waiting for reply on Data Reduction Request submitted September 6, 2007.

TABLE 1

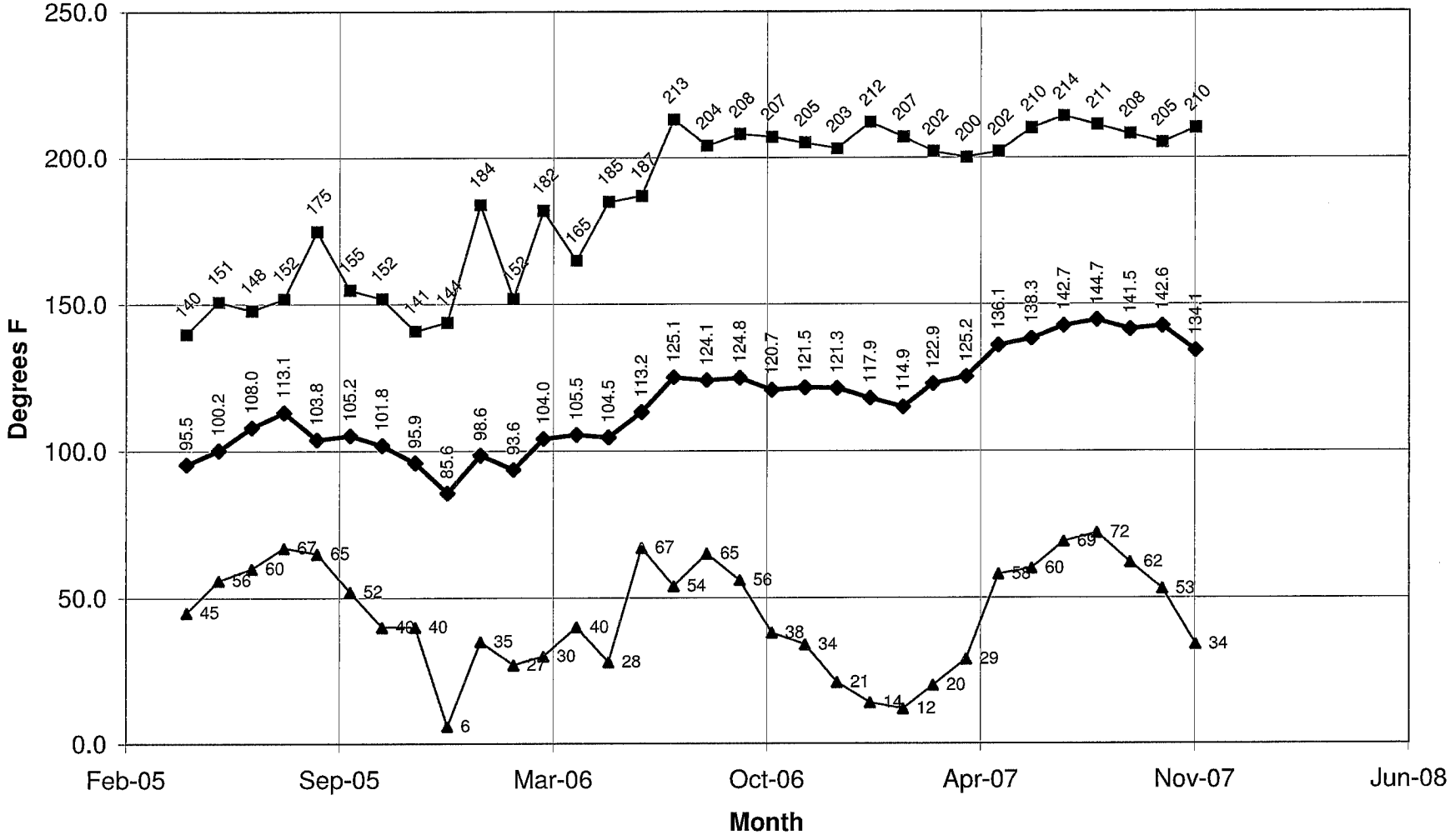
WEEKLY PROGRESS REPORT FOR DECEMBER 31, 2007 F&Os
COUNTYWIDE LANDFILL
WEEK ENDING 01-04-07

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	0	0	0	0	Must have two installed by Feb. 29, others scheduled in upcoming Work Plan
Install Perm. Dewatering Pumps and Infrastructure	ea.	44	22	8	30	4	Must have 37 installed by Feb. 15, schedule for rest pending Dewatering Work Plan
Install 4-inch HDPE Liquid Discharge Line	l.f.	4000	2200	600	2800	200	
Install 2-inch HDPE Air Supply Line	l.f.	12000	7200	2275	9475	1000	
Install and Test Compressors	ea.	2	0	0	0	1	Must have both installed by Jan. 31
Relocate Flares from Top of Landfill	ea.	2	0	0	0	0	Schedule to be presented in Dewatering Work Plan
Install New Gas Wells	ea.	10	0	0	0	0	Schedule to be presented in Dewatering Work Plan
Replace Compromised Wells	ea.	5	0	0	0	0	Schedule to be presented in Dewatering Work Plan
Measure Achievable Drawdown	ea.	99	0	0	0	0	Schedule to be presented in Dewatering Work Plan
Establish Baseline Flow	ea.	1	0	0	0	0	To be performed after all achievable drawdown values are attained

* 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.

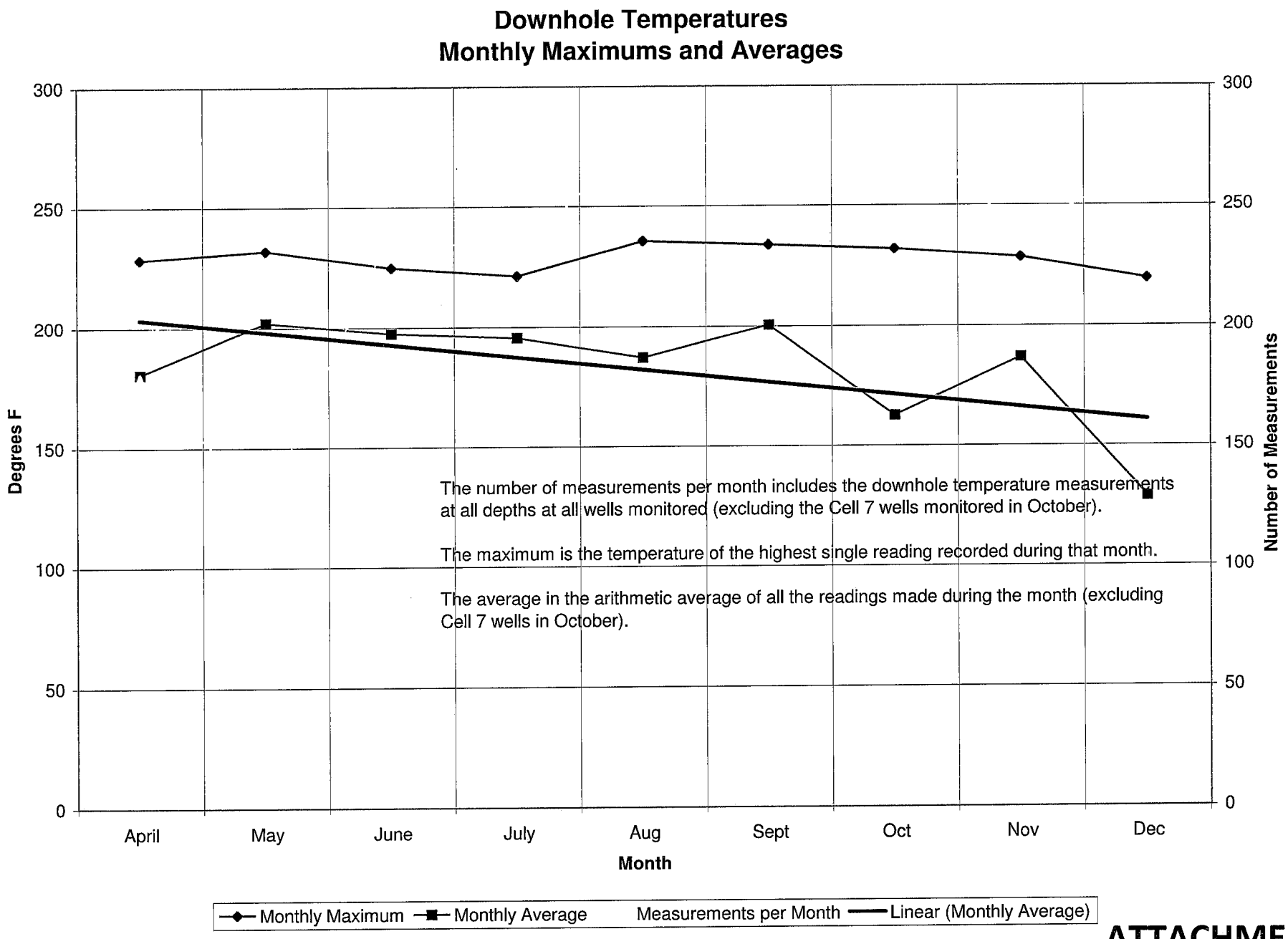
Initial Wellhead Temperatures in the 88-acre Area



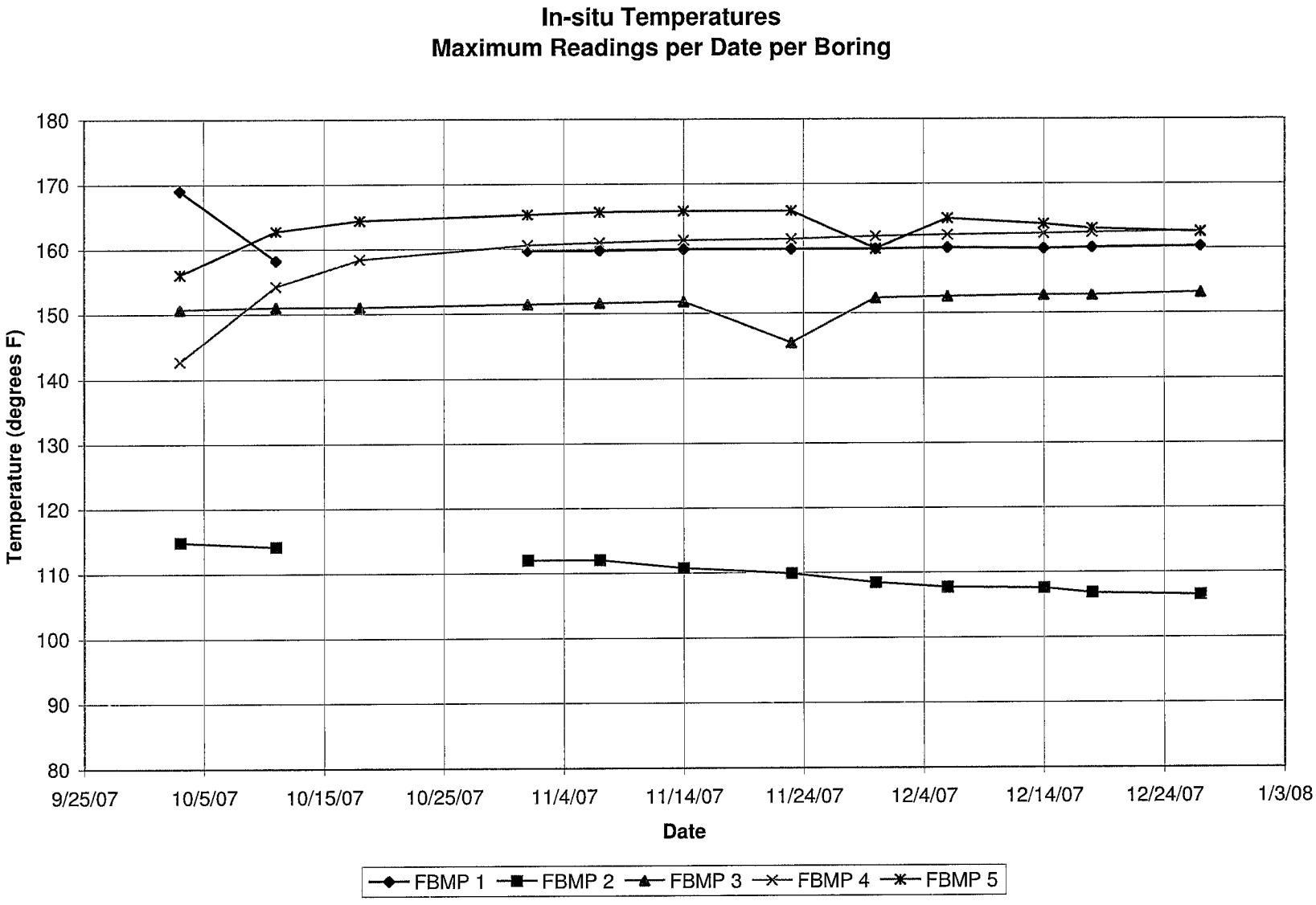
All Cell 7 wells excluded except PW-315.

Monthly Average — Monthly Maxiumum — Monthly Minimum

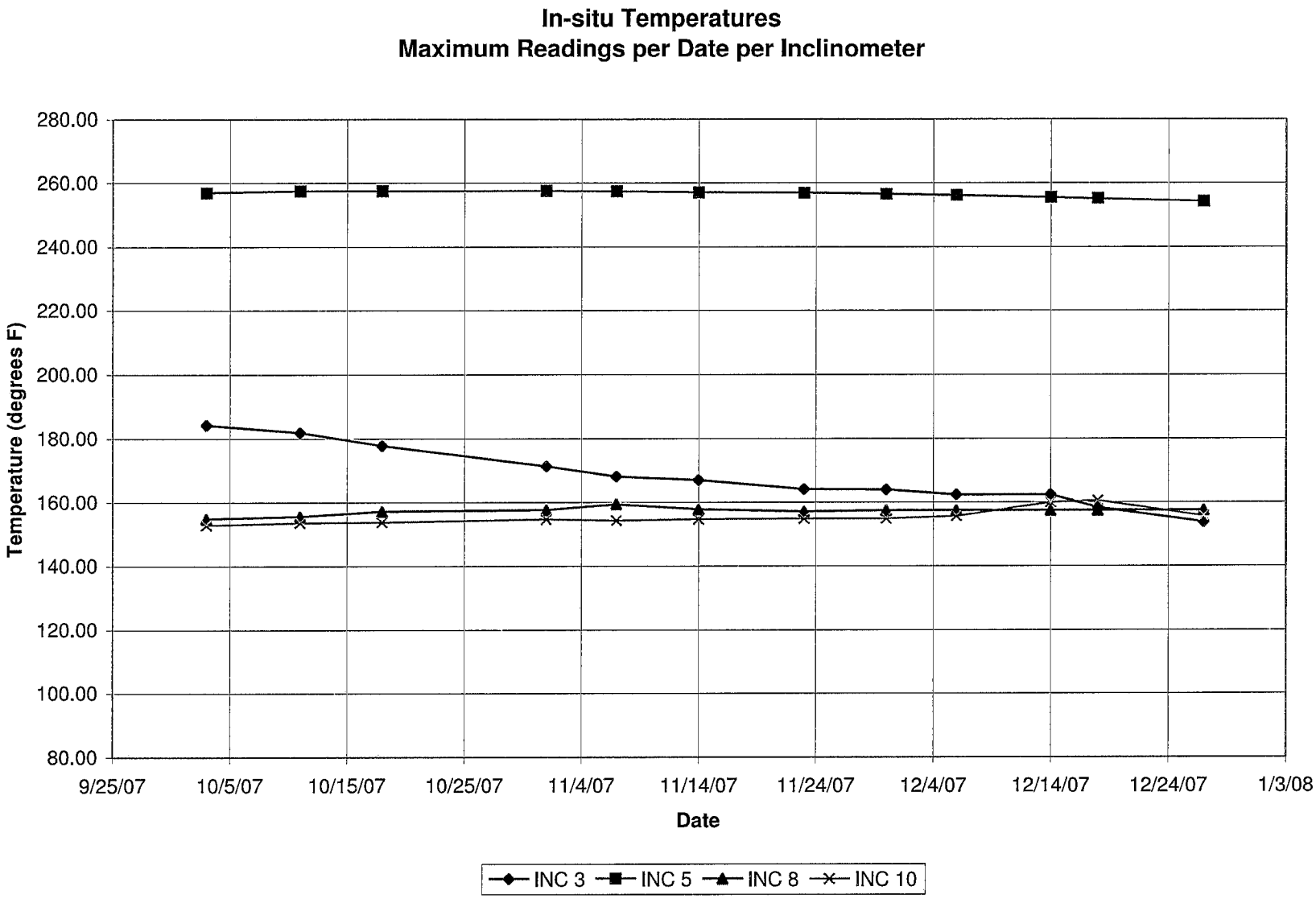
Attachment 1



ATTACHMENT 2

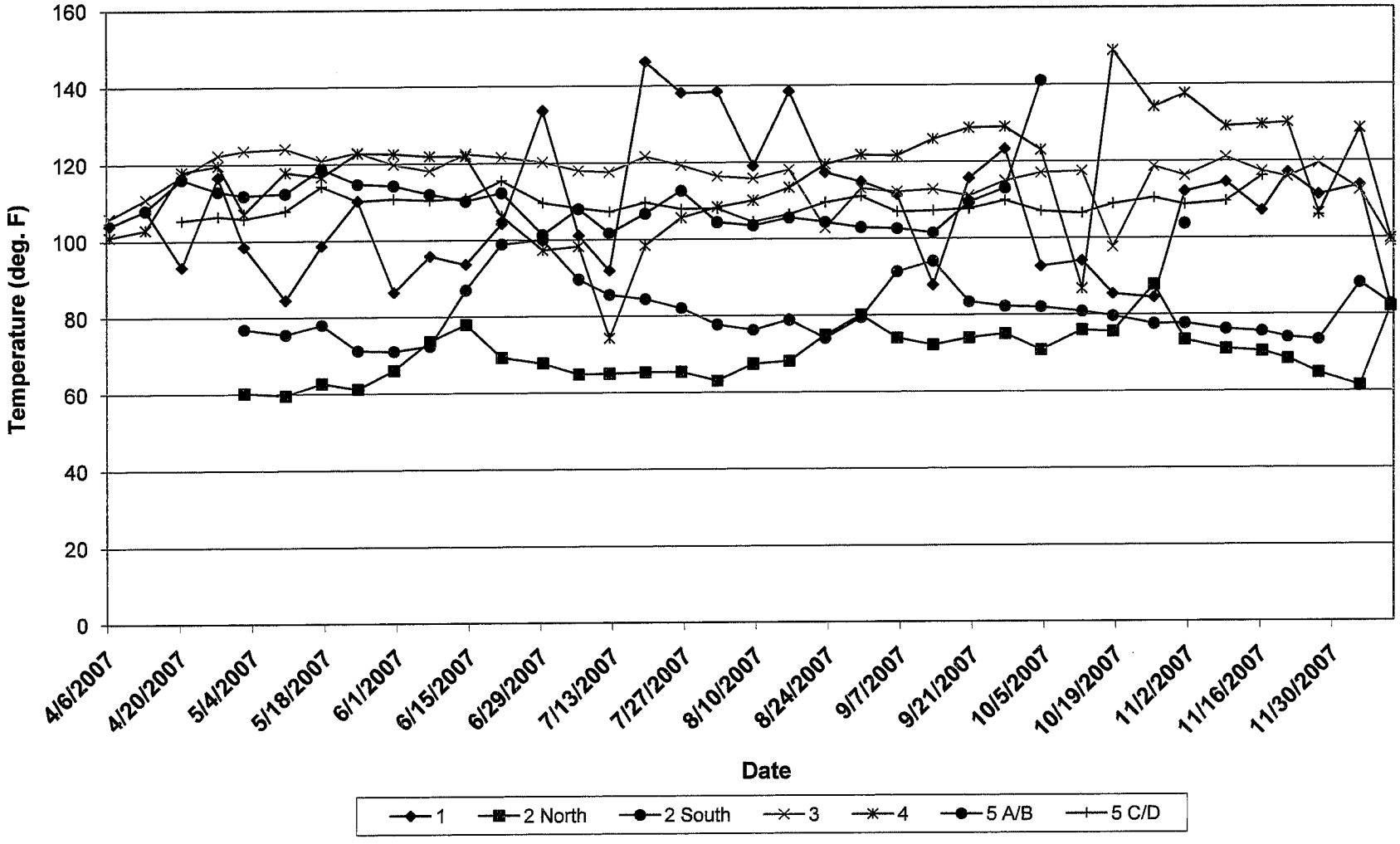


ATTACHMENT 3



ATTACHMENT 4

Weekly Leachate Temperatures in Cell Sump



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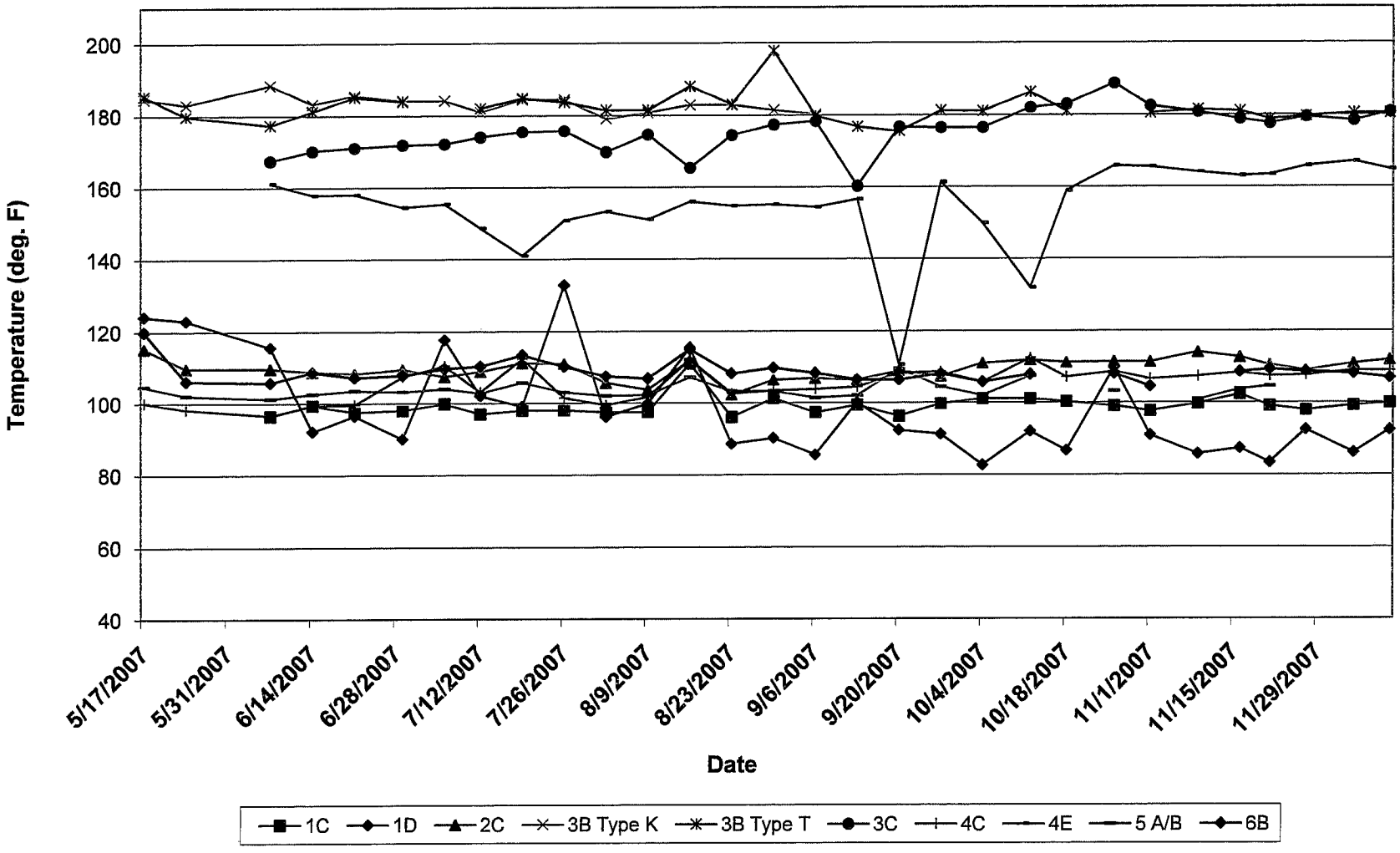
Attachment 5

Weekly Leachate Cleanout Riser Temperatures



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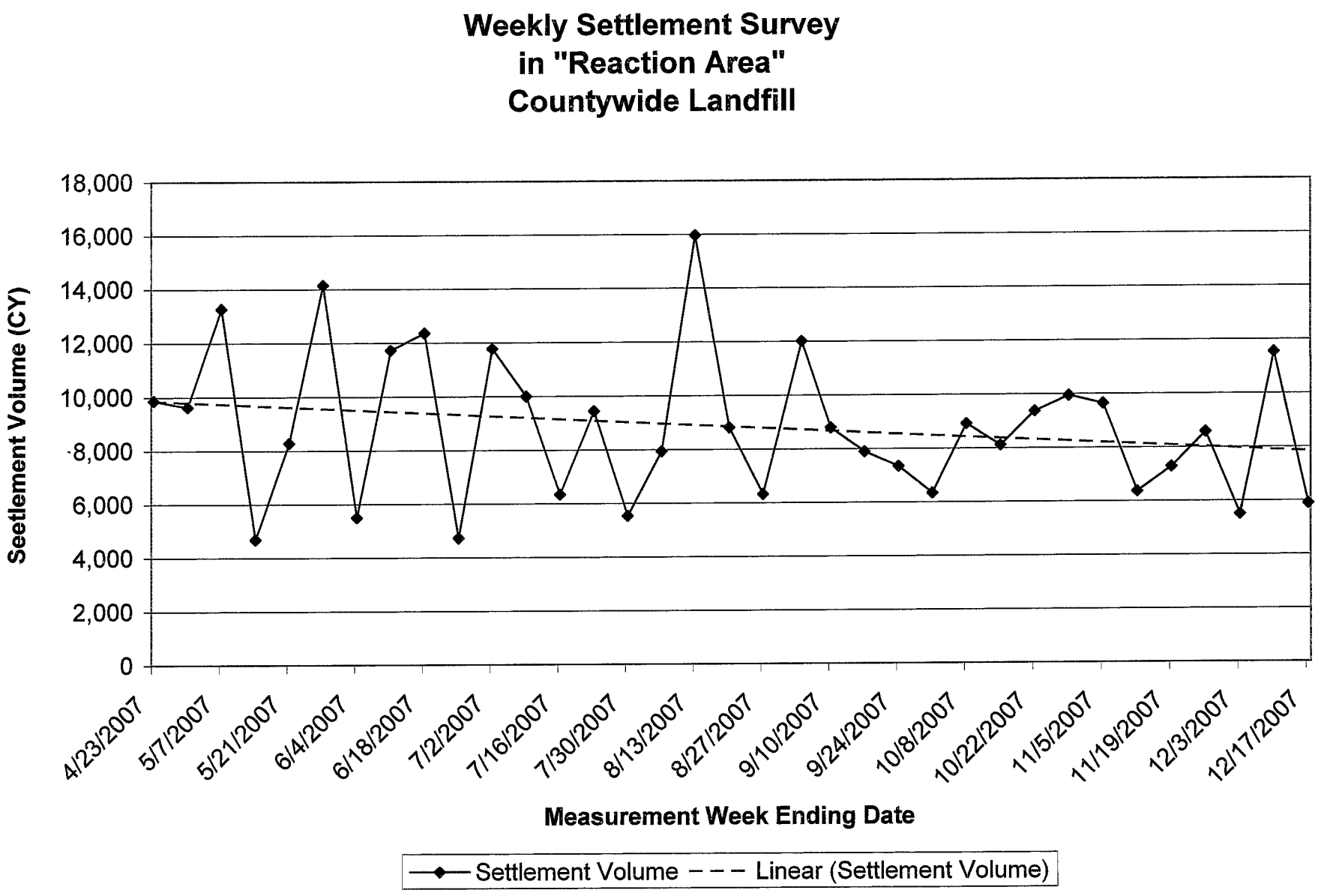
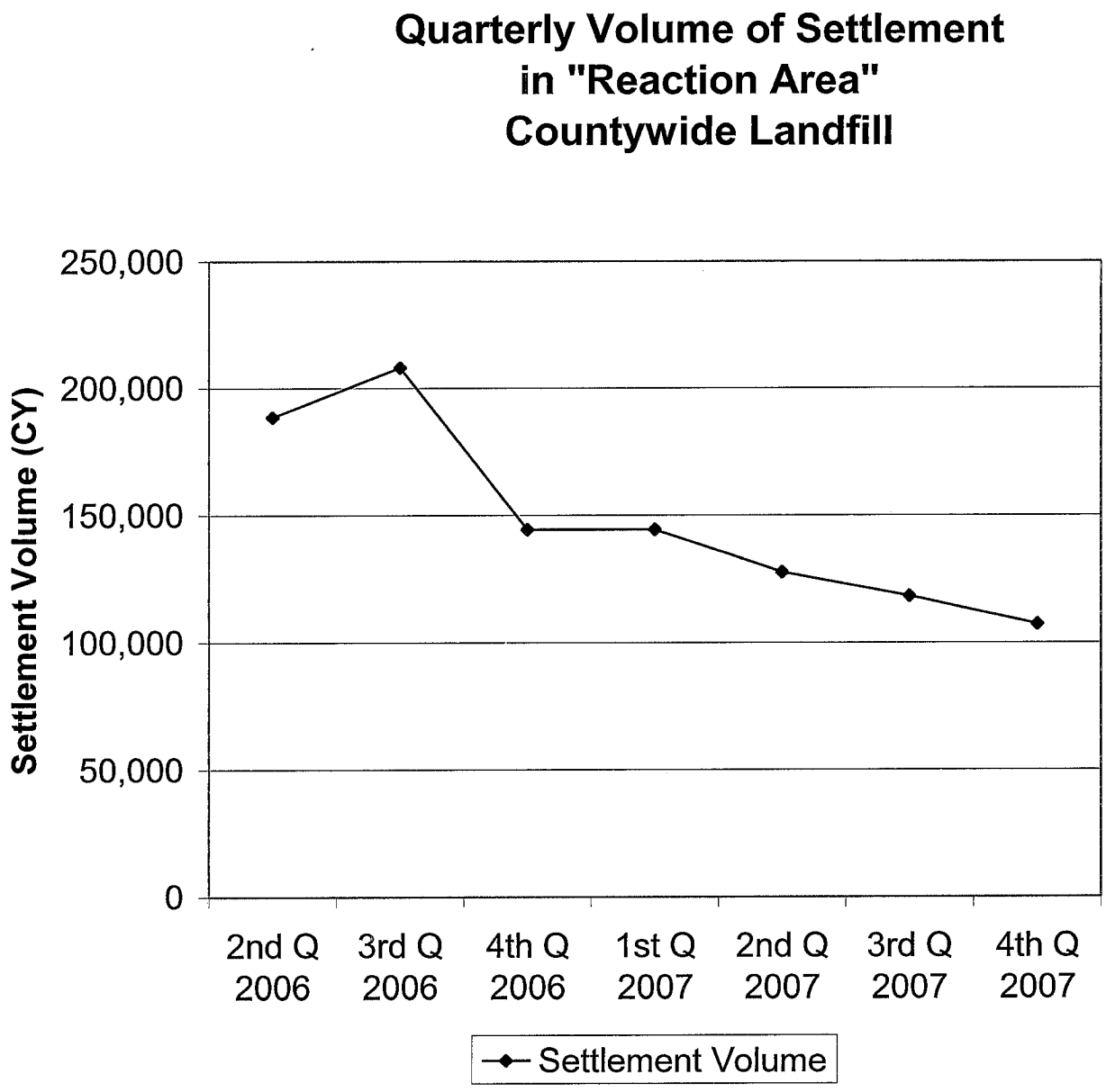
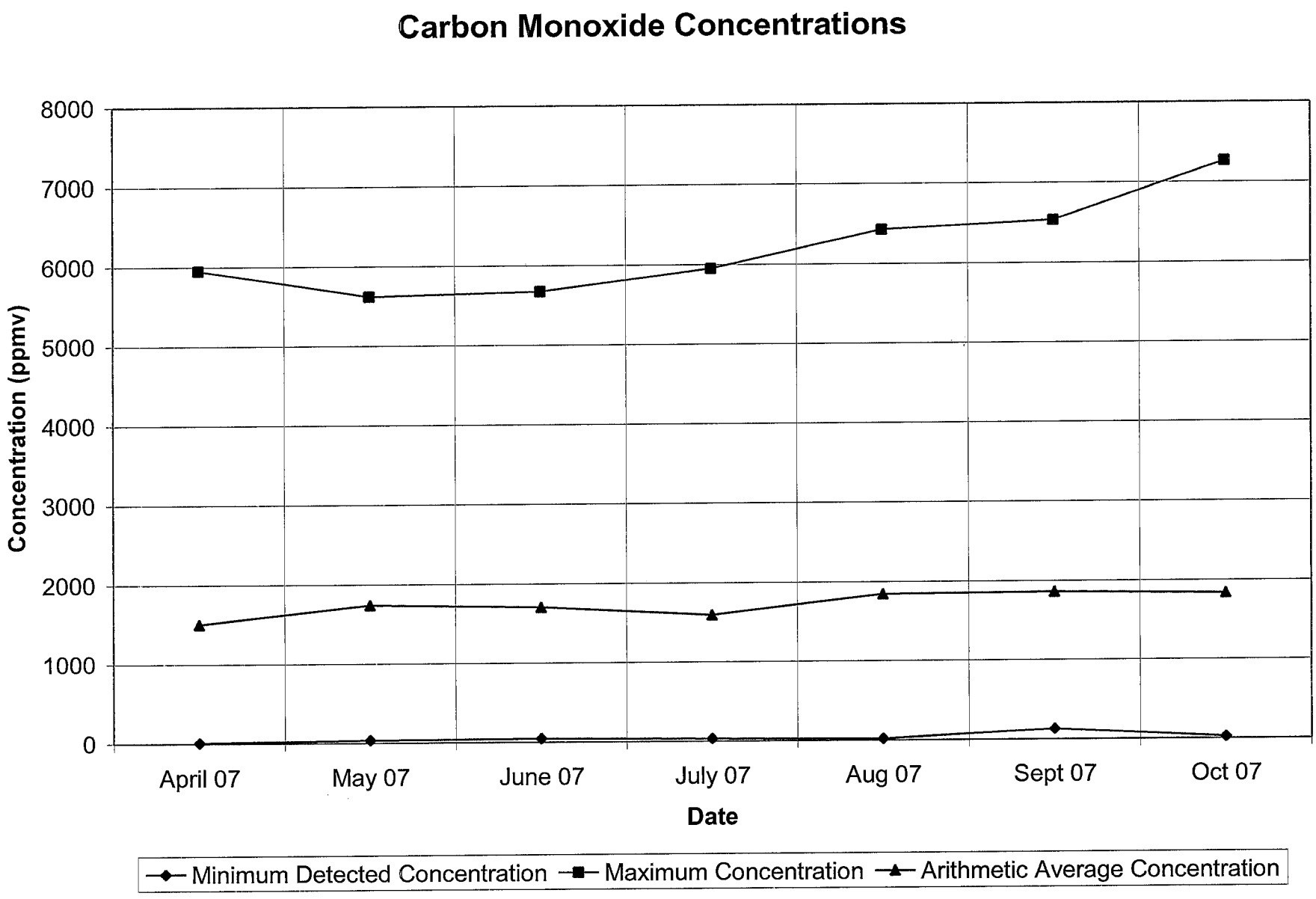
Attachment 6



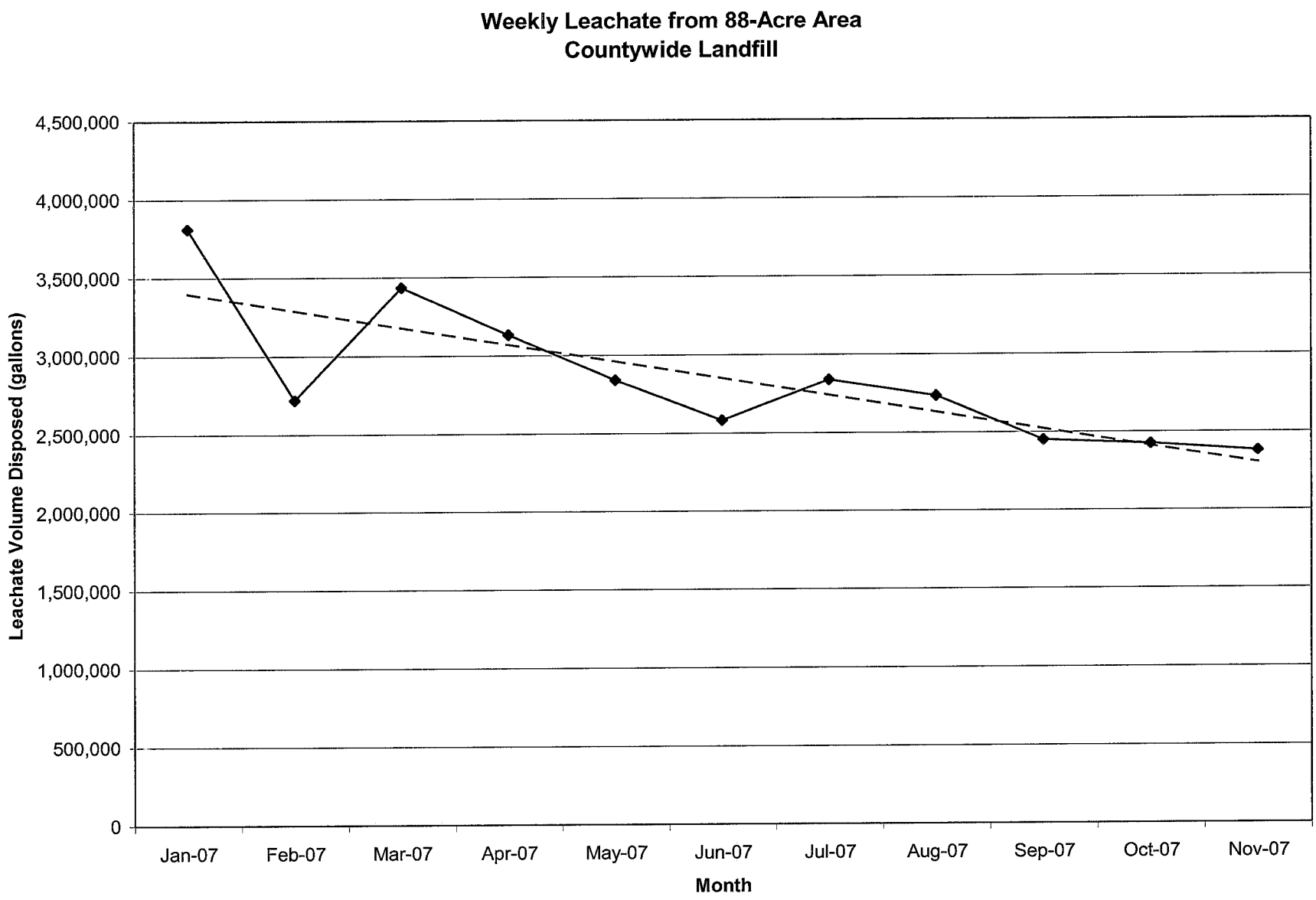
Attachment 7



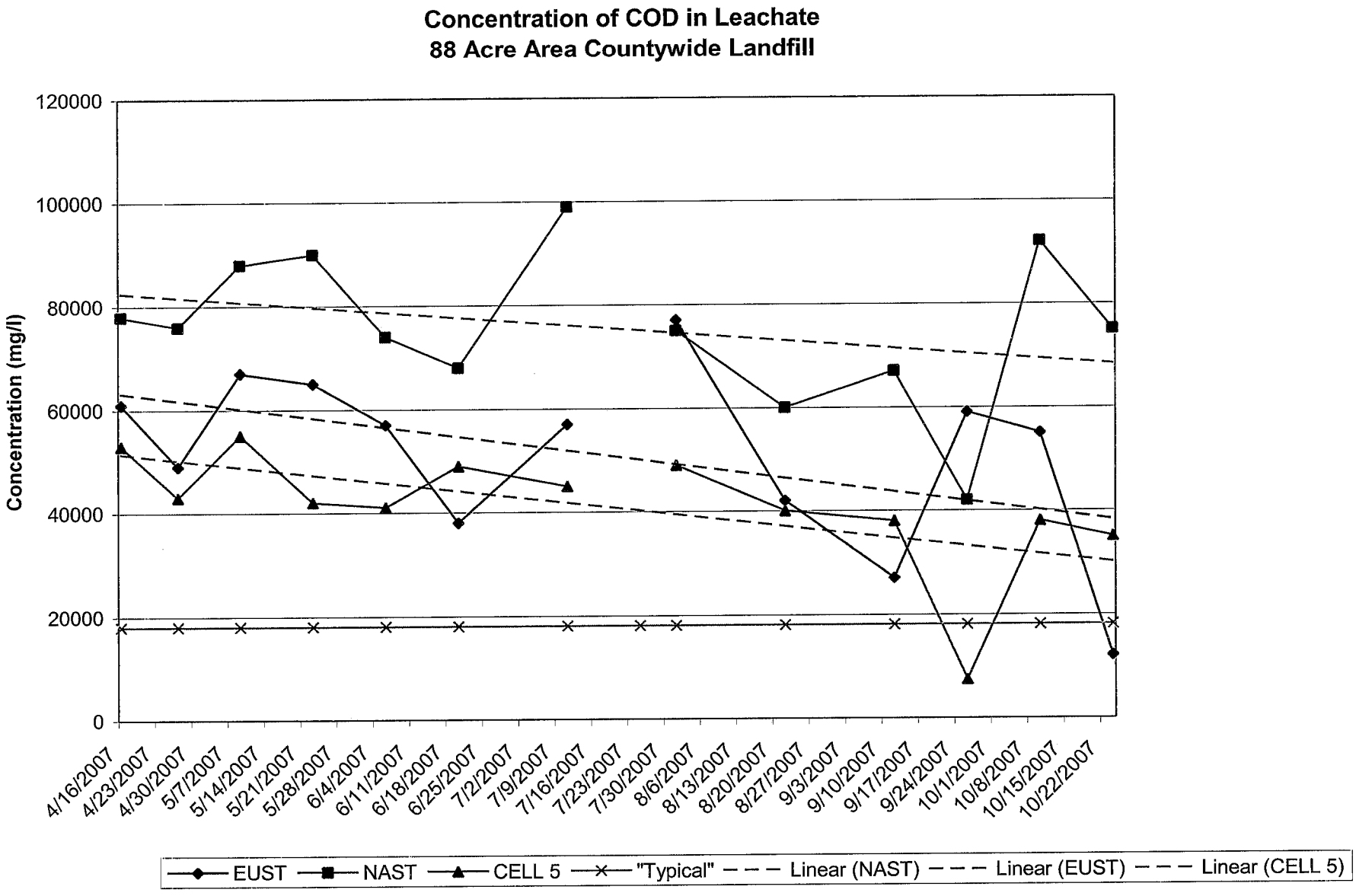
ATTACHMENT 8

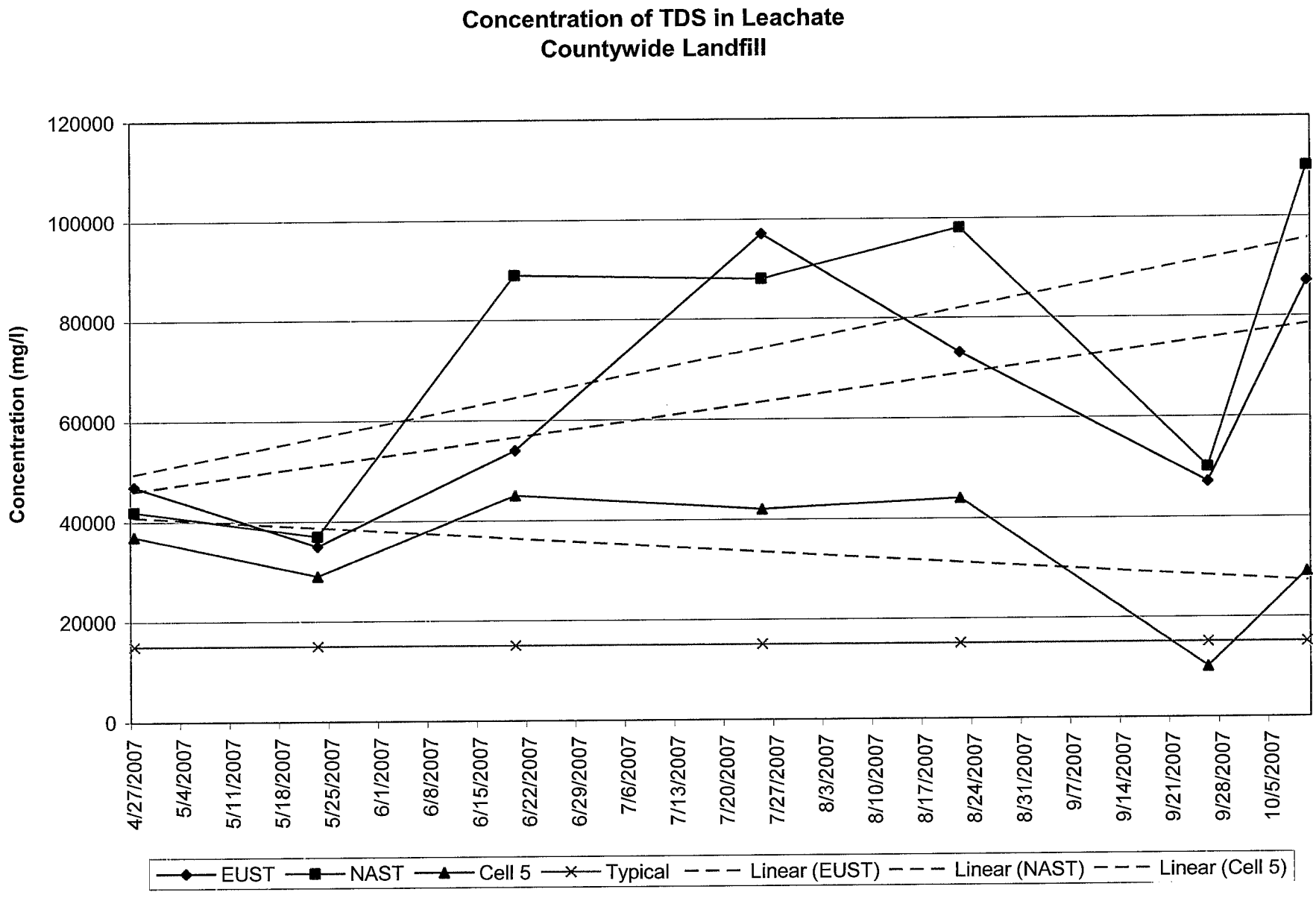


ATTACHMENT 9

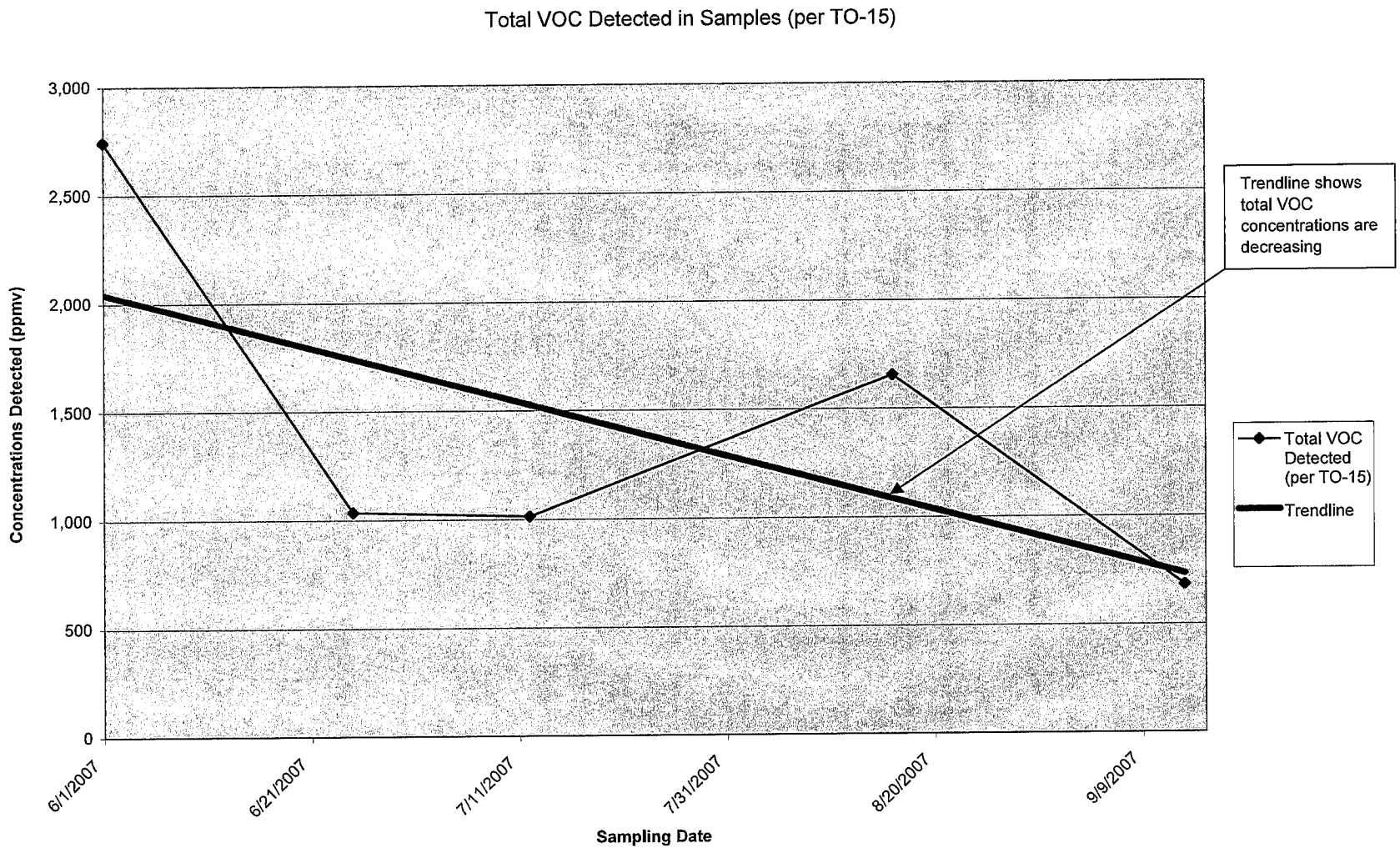


ATTACHMENT 10


Concentration of COD in Leachate
88 Acre Area Countywide Landfill
Concentration (mg/l)
120000
100000
80000
60000
40000
20000
0
4/16/2007
4/23/2007
4/30/2007
5/7/2007
5/14/2007
5/21/2007
5/28/2007
6/4/2007
6/11/2007
6/18/2007
6/25/2007
7/2/2007
7/9/2007
7/16/2007
7/23/2007
7/30/2007
8/6/2007
8/13/2007
8/20/2007
8/27/2007
9/3/2007
9/10/2007
9/17/2007
9/24/2007
10/1/2007
10/8/2007
10/15/2007
10/22/2007
EUST
NAST
CELL 5
"Typical"
Linear (NAST)
Linear (EUST)
Linear (CELL 5)


Concentration of TDS in Leachate
Countywide Landfill
Concentration (mg/l)
120000
100000
80000
60000
40000
20000
0
4/27/2007
5/4/2007
5/11/2007
5/18/2007
5/25/2007
6/1/2007
6/8/2007
6/15/2007
6/22/2007
6/29/2007
7/6/2007
7/13/2007
7/20/2007
7/27/2007
8/3/2007
8/10/2007
8/17/2007
8/24/2007
8/31/2007
9/7/2007
9/14/2007
9/21/2007
9/28/2007
10/5/2007
EUST
NAST
Cell 5
Typical
Linear (EUST)
Linear (NAST)
Linear (Cell 5)

ATTACHMENT 13



The above graph illustrates the average sum of the concentrations of the compounds detected above the method detection limit for VOC for the various sampling events.