

Countywide Recycling and Disposal Facility

Weekly Progress Report

07/03/09

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 June 27, 2009 to July 3, 2009.**

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. Please note that the information provided below is volunteered and not required by the DFFO's. For informational purposes only.

<u>Attachment</u>	<u>Attachment No.</u>	<u>Comments</u>
Wellhead Temperature Graph	1	Updated June 19, 2009
Downhole Temp. Graph	2	Updated June 19, 2009
FBMP Max. In-Situ Temp. Graph	3	Updated June 19, 2009
Leachate Sump Temperature. Graph	5	Updated June 12, 2009
LCS Temperature Graph	6	Updated June 12, 2009
Weekly Cumulative Sett. Graph	7	Updated July 3, 2009
Quarterly Cumulative Sett. Graph	8	Updated July 3, 2009
CO Graph	9	Updated June 5, 2009
Leachate Volume Graph	10	Updated June 12, 2009
Leachate COD Graph	11	Updated March 20, 2009
Leachate TDS Graph	12	Updated June 26, 2009
Odor (Nasal Ranger) Readings	13	Updated May 22, 2009

<u>Appendices (transmitted separately)</u>	<u>Appendix No.</u>	<u>Comments</u>
Wellhead Temperature Zone Map	A	Updated June 19, 2009
4-Week Cumulative Sett. Front Map	B	Updated July 3, 2009
Carbon Monoxide Zone Map	C	Updated June 26, 2009

AMBIENT AIR SAMPLING ACTIVITIES LOG

See attached **Table 2**.

COMMENTARY ON DATA

Graphs (Attachments 7 and 8) of the volume of settlement occurring in the 88-acre area continue to show an overall downward trend but show recent (past 3-4 months) increase. This is believed to be due to additional settlement caused by the addition of over 20,000 cubic yards of soil to the bowl area which causes compression of the reacted waste underneath.

Appendix B presents a drawing that shows where the higher-than-normal settlement is occurring. The area bounded by the lines continues to show that the reaction is moving slowly to the southwest and north/northwest and retracting from the east.

TABLE 1

WEEKLY PROGRESS REPORT FOR DECEMBER 31, 2007 F&Os
 COUNTYWIDE LANDFILL
 WEEK ENDING 07-03-09

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 was abandoned due to a casing failure on April 8, 2009. RW-2 was abandoned due to casing failure on March 25, 2009. RW-3 was abandoned due to casing failure on June 10, 2009.
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	

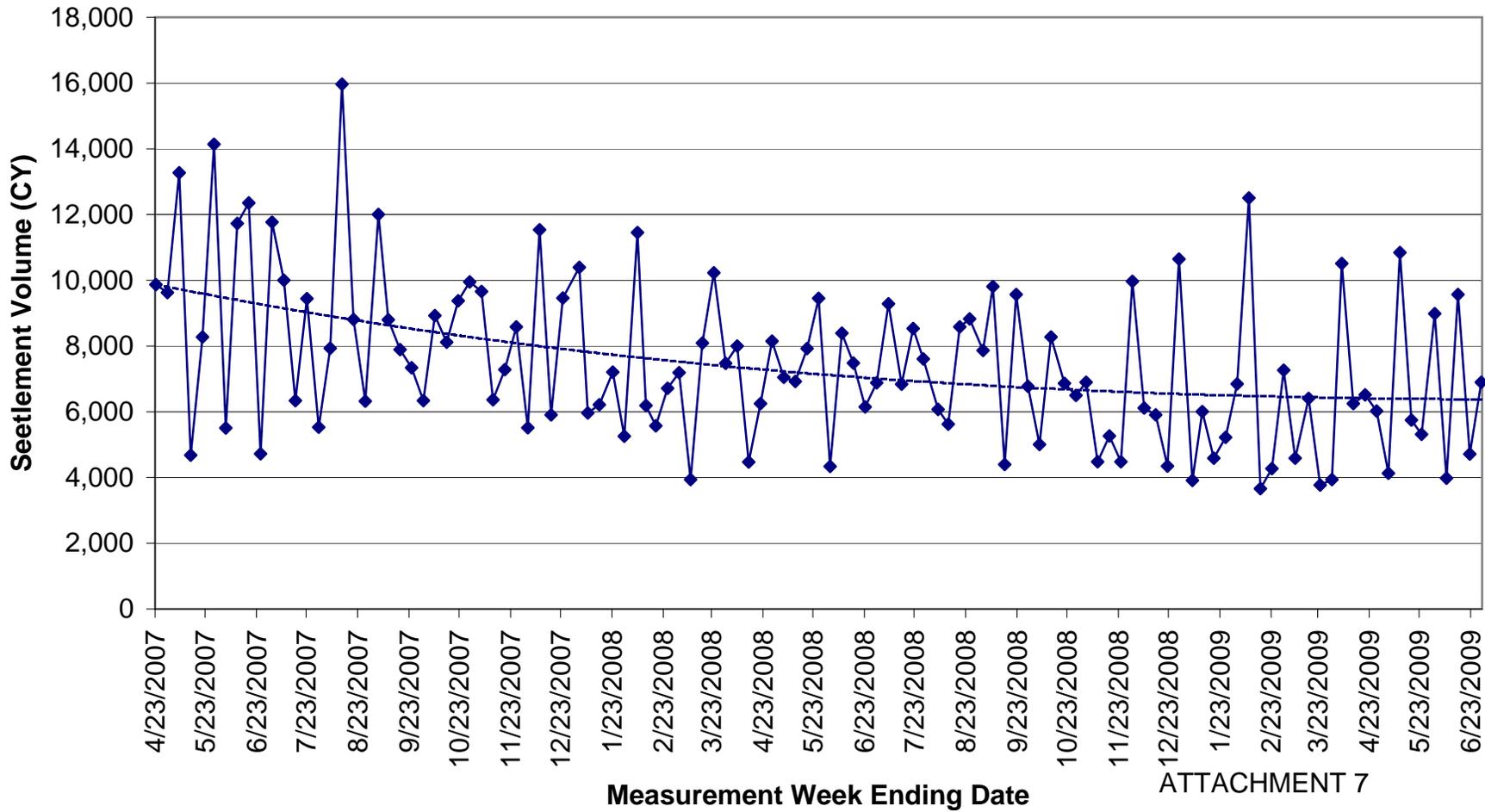
* The estimate of "required" or "goal" items may change as project progresses.

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.
6/21/09	NA	NA	NA	No activity monitored
6/22/09	7:00-17:00	AEG	88 Acres	Pump maintenance, Downholes
6/23/09	7:00-17:00	AEG	88 Acres	Pump maintenance, Construction Iso Break
6/24/09	7:00-17:00	AEG	88 Acres	Pump maintenance, Leachate Sampling
6/25/09	7:00-17:00	AEG	88 Acres	Pump Maintenance, Flare 7 sampling
6/26/09	7:00-17:00	AEG	88 Acres	Pump Maintenance, Riser on W. Slope
6/27/09	N/A	AEG	88 Acres	No activity monitored

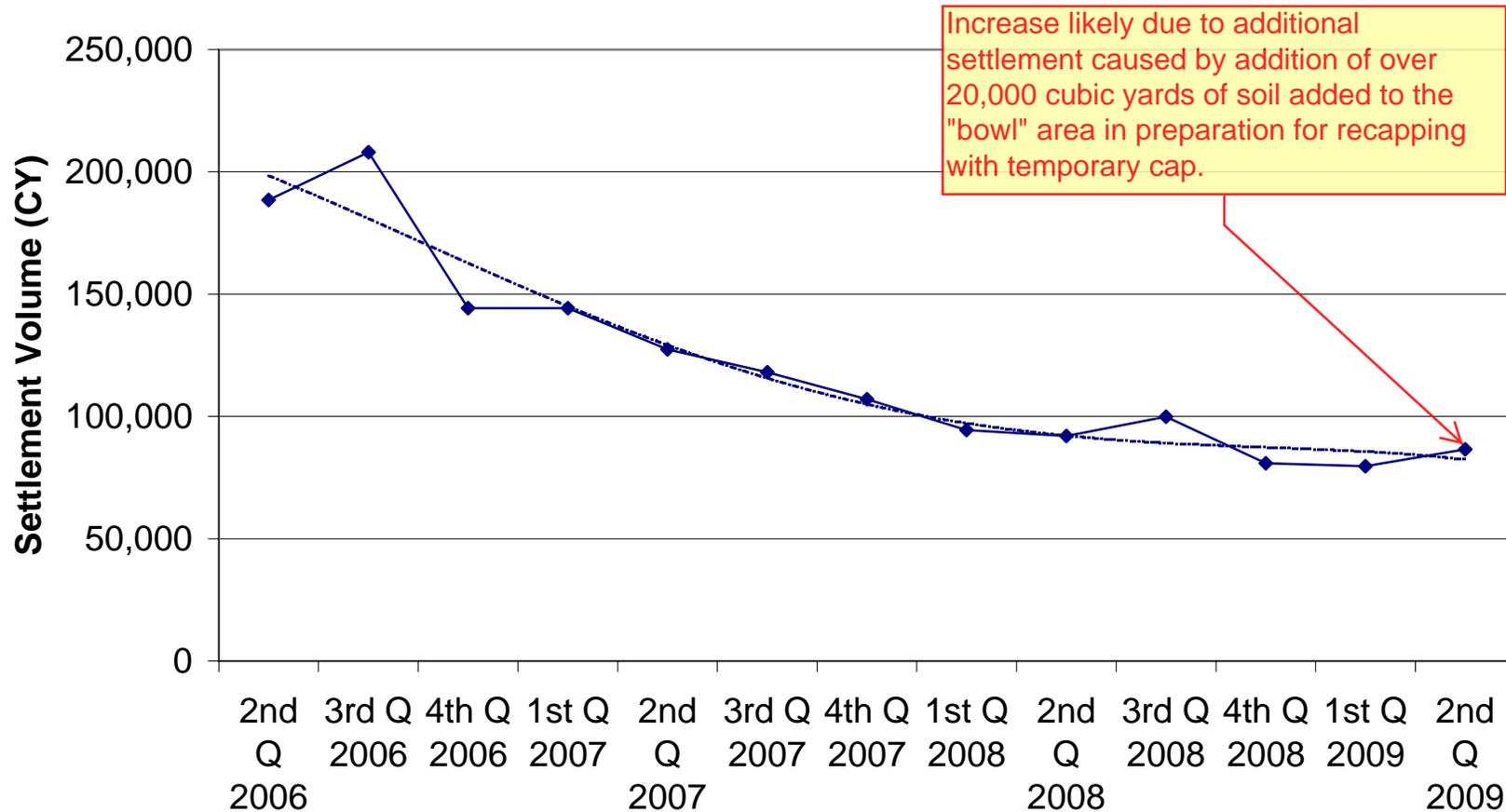
Weekly Settlement Survey in "Reaction Area" Countywide Landfill

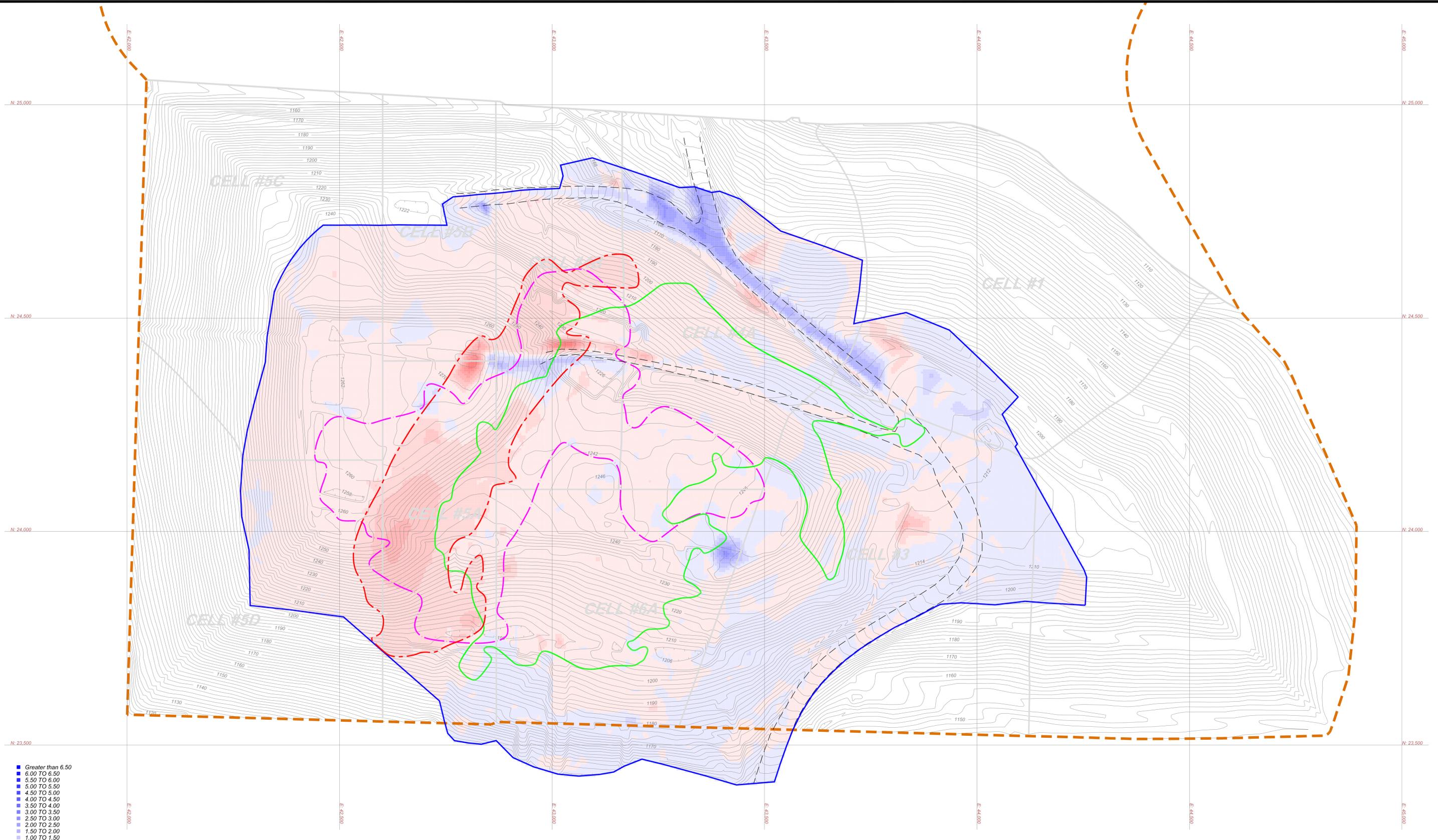


ATTACHMENT 7

Quarterly Volume of Settlement in "Reaction Area" Countywide Landfill

ATTACHMENT 8

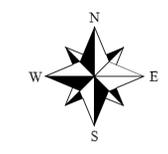




- Greater than 6.50
- 6.00 TO 6.50
- 5.50 TO 6.00
- 5.00 TO 5.50
- 4.50 TO 5.00
- 4.00 TO 4.50
- 3.50 TO 4.00
- 3.00 TO 3.50
- 2.50 TO 3.00
- 2.00 TO 2.50
- 1.50 TO 2.00
- 1.00 TO 1.50
- 0.50 TO 1.00
- 0.00 TO 0.50
- 0.00 TO 0.00
- 0.50 TO 0.00
- 1.00 TO -0.50
- 1.50 TO -1.00
- 2.00 TO -1.50
- 2.50 TO -2.00
- 3.00 TO -2.50
- 3.50 TO -3.00
- 4.00 TO -3.50
- 4.50 TO -4.00
- 5.00 TO -4.50
- 5.50 TO -5.00
- 6.00 TO -5.50
- 6.50 TO -6.00
- Less than -6.50

LEGEND

- 1120 TOP OF WASTE CONTOUR (5/21/09), CTR INT. = 2'
- EXISTING ROADS
- LIMIT OF TOPO/COMPARISON LIMIT
- EXTENT OF 0.5' SETTLEMENT BOUNDARY FOR 4-WEEK PERIOD (4/16/07 TO 5/14/07)
- EXTENT OF 0.5' SETTLEMENT BOUNDARY FOR 4-WEEK PERIOD (05/05/08 TO 06/02/08)
- EXTENT OF 0.5' SETTLEMENT BOUNDARY FOR 4-WEEK PERIOD (06/01/09 TO 06/29/09)



<h1>COUNTYWIDE RDF</h1>		PROJECT: 88 Ac. & CELL 7 CUMULATIVE SETTLEMENT COMPARISON	
SCALE: 1" = 100', CTR=2'		SHEET TITLE: COMPARING 06/01/09 TOPO TO 06/29/09 TOPO (COLOR CUT/FILL MAP)	
SURVEYED: _____		REVISIONS	
DRAWN: BWS 07/01/09		CHECKED: BWS 07/01/09	
REVISED DATE: _____		FILE ID: 4Week Front 06-01-09 to 06-29-09	
 225 Fair Avenue, NE New Philadelphia, Ohio 44663 Phone: (330) 364-1631 Fax: (330) 364-4031 e-mail: info@div-eng.com		APPENDIX B	