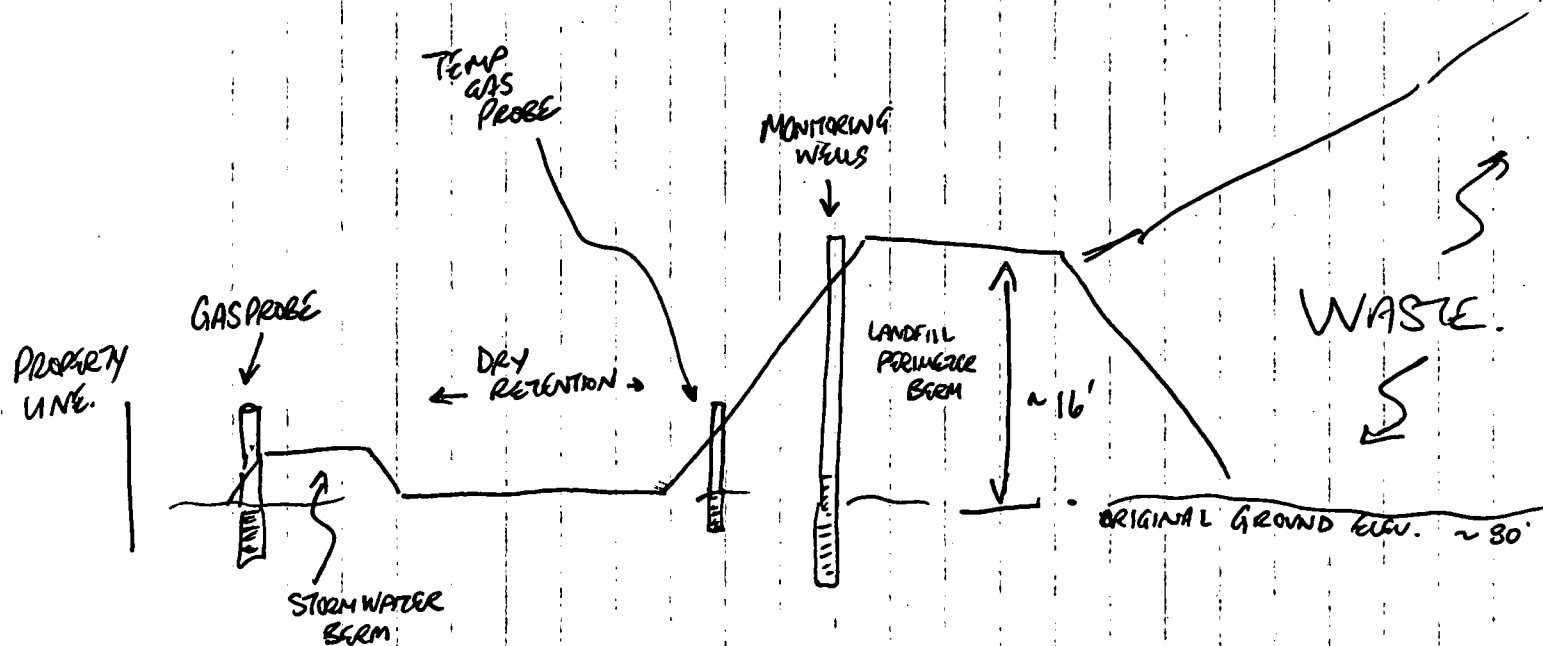
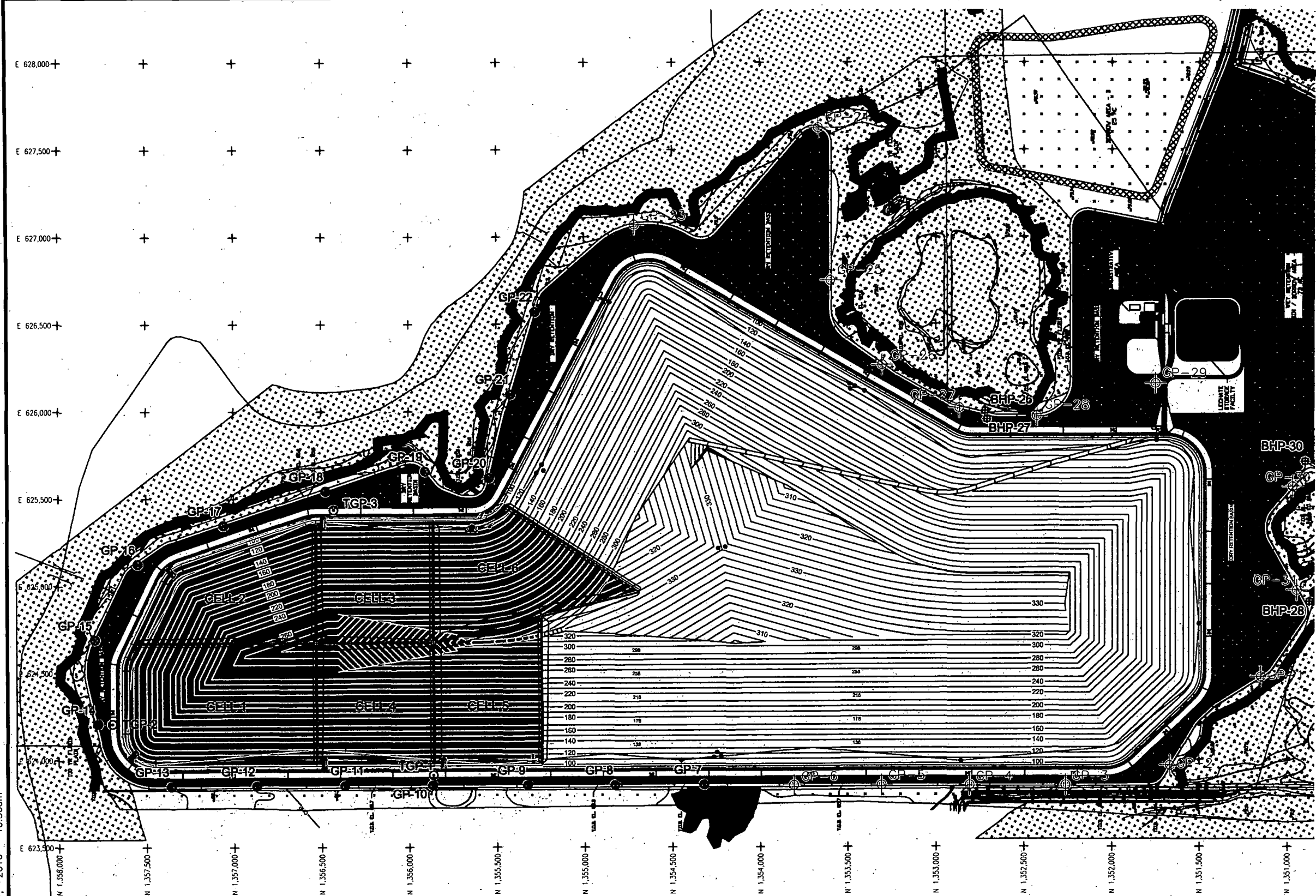




Attachment 2
received date 1/20/11
JED Gas Migration
Meeting

Drawing file: TB-PS-B.dwg Apr 07, 2010 10:36am



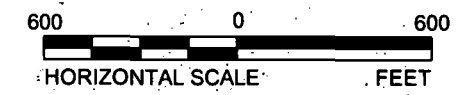
NOTES

1. THE PURPOSE OF THIS DRAWING IS TO ILLUSTRATE THE KNOWN AS-BUILT DATA OF THE EXISTING GAS MONITORING PROBES, THE APPROXIMATE LOCATIONS OF THE TEMPORARY GAS MONITORING PROBES, THE PROPOSED LOCATIONS OF FUTURE GAS MONITORING PROBES, AND THE APPROXIMATE LOCATIONS OF THE BAR HOLE PROBES.
2. THE FOLLOWING PROBES HAD BAR HOLES PROBES INSTALLED ADJACENTLY IN PAIRS: GP-10, GP-14, GP-18, GP-19, GP-21, TGP-1, TGP-2, AND TGP-3. NOTE THAT TGP-3 HAD ONLY ONE BARHOLE PROBE (UPSLOPE) INSTALLED ADJACENT TO IT DUE TO ENCOUNTERING WATER DOWNSLOPE OF TGP-3. ADDITIONALLY, GP-21 HAD ONLY ONE BARHOLE PROBE INSTALLED (NORTH OF GP-21).
3. THE LOCATIONS FOR THE TEMPORARY GAS MONITORING PROBES AND BAR HOLE PROBES ARE APPROXIMATE AND SHOULD ONLY BE USED FOR GENERAL REFERENCE.
4. BHP-30 WAS ONLY MONITORED IN NOVEMBER.

LEGEND

- 120 TOP OF FINAL COVER (FEET, NGVD)
- GP-8 EXISTING GAS MONITORING PROBE
- GP-1 PROPOSED GAS MONITORING PROBE
- TGP-1 TEMPORARY GAS MONITORING PROBE
- BHP-26 BARHOLE PROBES
- CURRENT DISPOSAL AREA
- LEACHATE COLLECTION SUMP

DRAFT



PROJECT			
J.E.D. SOLID WASTE MANAGEMENT FACILITY ST. CLOUD, OSCEOLA COUNTY, FLORIDA			
TITLE			
PROBE LOCATION MAP			
PROJECT No.		083-82734.8	
DESIGN	DEG	04/13/10	SCALE
CADD	BCL	05/18/10	AS SHOWN
CHECK			
REVIEW			



FIGURE 1

TABLE 1
LABORATORY ANALYSIS SUMMARY
12/15/2009 GAS SAMPLING RESULTS

Compounds	FLARE 12/15/2009 PPM(V/V)	GP11 12/15/2009 PPM(V/V)	GP18 12/15/2009 PPM(V/V)	GP21 12/15/2009 PPM(V/V)	TGP-1 12/15/2009 PPM(V/V)	TGP-3 12/15/2009 PPM(V/V)
1,1,1-Trichloroethane	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
1,1,2,2-Tetrachloroethane	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
1,1,2-Trichloroethane	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
1,1-Dichloroethane	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
1,1-Dichloroethene	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
1,2,4-Trimethylbenzene	0.72	0.11	0.037	0.02	0.17	0.21
1,2-Dibromoethane (EDB)	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
1,2-Dichlorobenzene	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
1,2-Dichloroethane	0.19	0.00055 J	<0.002	<0.002	0.00091	0.0032
1,2-Dichloropropane	0.1 J	<0.002	<0.002	<0.002	0.0022	0.0013
1,3,5-Trimethylbenzene	0.47	0.039	0.0063	0.0052	0.069	0.083
1,3-Dichlorobenzene	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
1,4-Dichlorobenzene	<0.19	0.011	0.0054	0.0044	0.024	0.016
2-Butanone (MEK)	37	0.088	0.023	0.019	0.46	0.37
Benzene	2.2	0.018	0.012	0.0056	0.028	0.024
Bromodichloromethane	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Bromoform	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Bromomethane	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Carbon disulfide	0.041 J	0.012	0.029	0.0064	0.01	0.18
Carbon tetrachloride	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Chlorobenzene	0.074 J	0.002	<0.002	<0.002	0.0099	0.0067
Chloroethane	0.11 J	<0.002	<0.002	<0.002	<0.002	0.0016 J
Chloroform	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Chloromethane	<0.48	<0.005	<0.005	<0.005	<0.005	0.0067
cis-1,2-Dichloroethene	0.41	0.00062 J	<0.002	<0.002	0.0018 J	0.0042
cis-1,3-Dichloropropene	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromomethane	<0.39	<0.004	<0.004	<0.004	<0.004	<0.004
Ethylbenzene	7.5	0.16	0.13	0.015	0.4	0.4
Isopropylbenzene	0.55	0.018	0.004	0.0015 J	0.042	0.039
Methyl tert-butyl ether	<0.96	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	0.63 B	0.0014 J,B	0.0015 J,B	0.0033 J,B	0.0013 J,B	0.0022 J,B
m-Xylene & p-Xylene	11	0.31	0.035	0.03	0.74	0.72
n-Propylbenzene	0.44	0.025	0.0056	0.0032 J	0.046	0.053
o-Xylene	3.2	0.11	0.013	0.011	0.25	0.26
Styrene	0.58	0.041	0.0056	0.0044	0.076	0.091
Tetrachloroethene	0.27	0.002	<0.002	<0.002	0.0065	0.0057
Toluene	17	0.14	0.041	0.022	0.58	0.43
trans-1,2-Dichloroethene	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
trans-1,3-Dichloropropene	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	0.2	0.00064 J	<0.002	<0.002	0.0025	0.0025
Trichlorofluoromethane	0.057 J	<0.002	<0.002	0.00045 J	<0.002	0.00028 J
Vinyl acetate	<0.96	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	0.24	<0.002	<0.002	<0.002	0.0028	0.0046

Qualifiers:

B: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

J: Estimated result. Result is less than the reporting limit.

TABLE 1A
LABORATORY ANALYSIS SUMMARY (CHLORINATED)
12/15/2009 GAS SAMPLING RESULTS

Compounds	FLARE 12/15/2009 PPM(V/V)	GP11 12/15/2009 PPM(V/V)	GP18 12/15/2009 PPM(V/V)	GP21 12/15/2009 PPM(V/V)	TGP-1 12/15/2009 PPM(V/V)	TGP-3 12/15/2009 PPM(V/V)
1,1,1-Trichloroethane	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
1,1,2,2-Tetrachloroethane	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
1,1,2-Trichloroethane	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
1,1-Dichloroethane	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
1,1-Dichloroethene	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
1,2-Dichlorobenzene	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
1,2-Dichloroethane	0.19	0.00055 J	<0.002	<0.002	0.00091	0.0032
1,2-Dichloropropane	0.1 J	<0.002	<0.002	<0.002	0.0022	0.0013
1,3-Dichlorobenzene	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
1,4-Dichlorobenzene	<0.19	0.011	0.0054	0.0044	0.024	0.016
Bromodichloromethane	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Carbon tetrachloride	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Chlorobenzene	0.074 J	0.002	<0.002	<0.002	0.0099	0.0067
Chloroethane	0.11 J	<0.002	<0.002	<0.002	<0.002	0.0016 J
Chloroform	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Chloromethane	<0.48	<0.005	<0.005	<0.005	<0.005	0.0067
cis-1,2-Dichloroethene	0.41	0.00062 J	<0.002	<0.002	0.0018 J	0.0042
cis-1,3-Dichloropropene	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Methylene chloride	0.63 B	0.0014 J,B	0.0015 J,B	0.0033 J,B	0.0013 J,B	0.0022 J,B
Tetrachloroethene	0.27	0.002	<0.002	<0.002	0.0065	0.0057
trans-1,2-Dichloroethene	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
trans-1,3-Dichloropropene	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	0.2	0.00064 J	<0.002	<0.002	0.0025	0.0025
Trichlorofluoromethane	0.057 J	<0.002	<0.002	0.00045 J	<0.002	0.00028 J
Vinyl chloride	0.24	<0.002	<0.002	<0.002	0.0028	0.0046

TABLE 1B
LABORATORY ANALYSIS SUMMARY (NON-CHLORINATED)
12/15/2009 GAS SAMPLING RESULTS

Compounds	FLARE 12/15/2009 PPM(V/V)	GP11 12/15/2009 PPM(V/V)	GP18 12/15/2009 PPM(V/V)	GP21 12/15/2009 PPM(V/V)	TGP-1 12/15/2009 PPM(V/V)	TGP-3 12/15/2009 PPM(V/V)
1,2,4-Trimethylbenzene	0.72	0.11	0.037	0.02	0.17	0.21
1,2-Dibromoethane (EDB)	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
1,3,5-Trimethylbenzene	0.47	0.039	0.0063	0.0052	0.069	0.083
2-Butanone (MEK)	37	0.088	0.023	0.019	0.46	0.37
Benzene	2.2	0.018	0.012	0.0056	0.028	0.024
Bromoform	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Bromomethane	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Carbon disulfide	0.041 J	0.012	0.029	0.0064	0.01	0.18
Dibromomethane	<0.39	<0.004	<0.004	<0.004	<0.004	<0.004
Ethylbenzene	7.5	0.16	0.13	0.015	0.4	0.4
Isopropylbenzene	0.55	0.018	0.004	0.0015 J	0.042	0.039
Methyl tert-butyl ether	<0.96	<0.01	<0.01	<0.01	<0.01	<0.01
m-Xylene & p-Xylene	11	0.31	0.035	0.03	0.74	0.72
n-Propylbenzene	0.44	0.025	0.0056	0.0032 J	0.046	0.053
o-Xylene	3.2	0.11	0.013	0.011	0.25	0.26
Styrene	0.58	0.041	0.0056	0.0044	0.076	0.091
Toluene	17	0.14	0.041	0.022	0.58	0.43
Vinyl acetate	<0.96	<0.01	<0.01	<0.01	<0.01	<0.01

TABLE 2
PROBE PAIR SUMMARY

Gas Probe ID	Sep-09 (% CH ₄)	Oct-09 (% CH ₄)	Nov-09 (% CH ₄)	Dec-09 (% CH ₄)	Jan-10 (% CH ₄)	Feb-10 (% CH ₄)	Mar-10 (% CH ₄)
TGP-1	0.0	0.2	0	46.6	0.1	36.8	40.5
GP-10	43.9	31.9	4	20.3	9.2	21.1	34
TGP-2	0.0	0.4	0.1	4.6	0	6.7	4.6
GP-14	4.0	11.7	0.3	31.2	21.7	25.8	11.4
TGP-3	6.2	0.1	0.1	2	3.3	10.4	23.4
GP-18	0.0	0.4	0.3	13.9	36.7	30.2	30.9

TABLE 3
Historic Gas Sampling Results Comparison (ppmv)

Compounds	GP-10 6/6/2008	GP-14 6/6/2008	GP-15 6/6/2008	GP-18 6/6/2008	GP-19 6/6/2008	GP-20 6/6/2008	GP-21 6/6/2008	GP-22 6/6/2008
Chloroform	ND	ND	ND	0.025	0.014	0.024	ND	ND
Ethanol	4.2	3.8	3.3	2.8	2.7	1.4	2.2	2.2
2-Propanol	8.6	9.1	7.6	8.2	8.4	5.1	8.7	8.6
Tetrahydrofuran	5.5	4.5	9.7	4	1.8	1	15	42
2-Butanone (MEK)	0.66	0.76	1.7	0.38	0.13	0.14	3.5	5.1
Ethyl Benzene	ND	ND	ND	0.01	ND	ND	ND	ND
m,p-Xylene	ND	ND	ND	0.02	0.018	0.017	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	1.6	1.2	2.6	1.1	0.56	0.39	5	7.6
Benzene	ND	ND	ND	ND	ND	ND	ND	ND
Heptane	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND
Hexane	ND	ND	ND	ND	ND	ND	ND	ND
Freon 12	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ND	ND	ND	0.021	0.018	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	ND	ND	ND	ND	ND	ND	ND	ND
Cumene	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	ND	ND	ND
Freon 11	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.12	0.12	0.1	0.087	0.083	0.057	0.074	ND
Methyl tert-butyl ether	ND	ND	ND	ND	ND	ND	ND	ND
1,3,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
Freon 114	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ND	ND	ND	ND	ND	ND	ND	ND
Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 3A
Historic Gas Sampling Results Comparison

Compounds	GP-18		PG-21	
	6/6/2008 PPM(V/V)	12/15/2009 PPM(V/V)	6/6/2008 PPM(V/V)	12/15/2009 PPM(V/V)
1,2,4-Trimethylbenzene	NM	0.037	NM	0.02
1,3,5-Trimethylbenzene	NM	0.0063	NM	0.0052
1,4-Dichlorobenzene	NM	0.0054	NM	0.0044
2-Butanone (MEK)	0.38	0.023	3.5	0.019
2-Propanol	8.2	NM	8.7	NM
Acetone	1.1	NM	5	NM
Benzene	ND	0.012	ND	0.0056
Carbon Disulfide	0.021	0.029	ND	0.0064
Chloroform	0.025	NM	ND	NM
Ethanol	2.8	NM	2.2	NM
Ethyl Benzene	0.01	NM	ND	NM
Ethylbenzene	NM	0.13	NM	0.015
Isopropylbenzene	NM	0.004	NM	0.0015
m-Xylene & p-Xylene	0.02	0.035	ND	0.03
Methylene chloride	NM	0.0015	NM	0.0033
n-Propylbenzene	NM	0.0056	NM	0.0032
o-Xylene	ND	0.013	ND	0.011
Styrene	NM	0.0056	NM	0.0044
Tetrahydrofuran	4	NM	15	NM
Toluene	0.087	0.041	0.074	0.022
Trichlorofluoromethane	NM	<0.002	NM	0.00045

TABLE 4
Detected Chlorinated and Sulfur Compound Summary

Compounds	FLARE	GP11	GP18	GP21	TGP-1	TGP-3
	12/15/2009 PPM(V/V)	12/15/2009 PPM(V/V)	12/15/2009 PPM(V/V)	12/15/2009 PPM(V/V)	12/15/2009 PPM(V/V)	12/15/2009 PPM(V/V)
1,2-Dichloroethane	0.19	0.00055	<0.002	<0.002	0.00091	0.0032
1,2-Dichloropropane	0.1	<0.002	<0.002	<0.002	0.0022	0.0013
1,4-Dichlorobenzene	<0.19	0.011	0.0054	0.0044	0.024	0.016
Chlorobenzene	0.074	0.002	<0.002	<0.002	0.0099	0.0067
Chloroethane	0.11	<0.002	<0.002	<0.002	<0.002	0.0016
Chloromethane	<0.48	<0.005	<0.005	<0.005	<0.005	0.0067
cis-1,2-Dichloroethene	0.41	0.00062	<0.002	<0.002	0.0018	0.0042
cis-1,3-Dichloropropene	<0.19	<0.002	<0.002	<0.002	<0.002	<0.002
Methylene chloride	0.63	0.0014	0.0015	0.0033	0.0013	0.0022
Tetrachloroethene	0.27	0.002	<0.002	<0.002	0.0065	0.0057
Trichloroethene	0.2	0.00064	<0.002	<0.002	0.0025	0.0025
Trichlorofluoromethane	0.057	<0.002	<0.002	0.00045	<0.002	0.00028
Vinyl chloride	0.24	<0.002	<0.002	<0.002	0.0028	0.0046
Carbon Disulfide	0.041	0.012	0.029	0.0064	0.18	0.01

METHANE GAS MIGRATION STUDY
J.E.D. SOLID WASTE MANAGEMENT FACILITY
ST. CLOUD, OSCEOLA COUNTY, FLORIDA

Gas Probe ID	Sep-09 (% CH ₄)	Oct-09 (% CH ₄)	Nov-09 (% CH ₄)	Dec-09 (% CH ₄)	Jan-10 (% CH ₄)	Feb-10 (% CH ₄)	Mar-10 (% CH ₄)
TGP-1	8.3	0.2	20.2	46.6	0.1	36.8	40.5
BHP-1-West	0.0	0.4	0.1	0.5	0.2	0.2	0.4
BHP-1-East	0.0	0.2	0	0.4	10.3	0	0.4
TGP-2	41.7	26.8	1.1	4.6	0	6.7	4.6
BHP-2-North	0.0	0.4	0.1	0.5	0.1	0	0.2
BHP-2-South	0.0	0.4	0.1	0.5	24.8	0	0.3
TGP-3	27.2	34.9	19.9	2	3.3	10.4	23.4
BHP-3-West	1.4	1	0.1	1.4	1.4	3.5	---
GP-7	6.2	0.1	0.1	12.4	0	0.1	20.3
GP-8	0.0	0.1	0.2	0.3	0.2	0	0.2
GP-9	43.9	31.9	4	21.1	18.7	25.2	42.3
GP-10	39.7	14.7	0.3	20.3	9.2	21.1	34
BHP-10-East	21.7	21.7	6.7	0.3	0.3	1	0.4
BHP-10-West	0.4	0.3	0.3	0.2	0	0	0.3
GP-11	37.3	0.3	37.9	14.6	29.9	43.6	30.8
GP-12	8.6	5.2	0.3	22.7	34.9	28.8	38.1
GP-13	4.0	11.7	0.3	9.1	0.1	0	27.3
GP-14	44.8	48	8.2	31.2	21.7	25.8	11.4
BHP-14-South	28.4	1	0.2	0.5	0.2	25.8	0.3
BHP-14-North	0.7	27.9	1.2	0.6	0.2	0.2	0.8
GP-15	22.9	11.1	0.2	24.1	0.1	0.7	25.4
GP-16	0.0	0.3	9.3	4.3	1.1	4.9	0.6
GP-17	0.0	18	2.9	8	0.2	3.3	0.9
GP-18	41.4	42.4	11.6	13.9	36.7	30.2	30.9
BHP-18-West	0.1	0.3	0.3	0.4	0	0.3	0.5
BHP-18-East	0.0	0.4	0.3	0.4	0.3	0	0.6
GP-19	38.3	38.4	14	38.7	33.4	16.7	21.4
BHP-19-West	0.0	0.3	0.4	0.4	0.4	---	---
BHP-19-East	0.0	0.5	0.4	0.8	0.2	0	3.6
GP-20	28.7	5.6	20.7	6.5	7.1	11.7	1.1
GP-21	21.0	36.6	26.7	31.1	50.5	31	26.3
BHP-21N	---	---	27.3	0.8	0.3	2.1	0.9
GP-22	28.7	5.6	20.7	0.5	0.3	0	0.5
BHP-26	---	---	---	0.5	0.1	0.7	0.6
BHP-27	---	---	0.8	0.5	0.3	0.7	0.2
BHP-28	---	---	---	0.5	0.1	0.4	0.4
Average	15.5	12.1	7.0	8.9	8.0	9.5	11.5

Note that the green shading indicates a decrease from the previous month's reading and red shading indicates an increase from the previous month's reading.

METHANE GAS MIGRATION STUDY
J.E.D. SOLID WASTE MANAGENT FACILITY
ST. CLOUD, OSCEOLA COUNTY, FLORIDA

Temperature 95 °F
Barametric Pressure: 29.08 inch Hg
Wind: 5 mph
Sky Conditions: Scattered Clouds

Technician: Gabriel Brendel
Instrument: Landtec GEM 500
Date: 9/23/2009

Gas Probe ID	Time (hh:mm)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Static Pressure ("H2O)	Depth (ft)	Depth to Water (ft)	Comments
TGP-1	10:56	8.3	14.7	0	0.3	---	---	
BHP-1-West	11:01	0	1.1	18.9	0	---	---	down from TGP-1
BHP-1-East	11:03	0	0.9	19.6	0	---	---	up from TGP-1
TGP-2	11:10	41.7	29.6	0.8	0.6	---	---	
BHP-2-North	11:12	0	1	19.1	0	---	---	down from TGP-2
BHP-2-South	11:14	0	1.8	18.6	0	---	---	up from TGP-2
TGP-3	11:20	27.2	14.2	4.5	0.3	---	---	
BHP-3-West	11:24	1.4	3.3	17.6	0	---	---	up from TGP-3
GP-7	13:53	6.2	3.9	16.6	0	---	---	
GP-8	11:57	0	14.3	6.8	0	12.5	10.7	
GP-9	12:04	43.9	33	0.1	0	12.5	Dry	
GP-10	12:11	39.7	35	0	0.6	15	Dry	
BHP-10-East	12:14	21.7	18	8.6	0	---	---	towards LF
BHP-10-West	12:19	0.4	1.3	18.7	0	---	---	towards property line
GP-11	12:26	37.3	33	0	0.2	12.5	10	
GP-12	12:32	8.6	16.7	5.5	0.3	12.5	8.5	
GP-13	12:37	4	9.4	14.4	0	12.5	8.3	
GP-14	12:42	44.8	31.4	0.5	0.2	13.7	9	
BHP-14-South	12:45	28.4	16.7	5.9	0	---	---	towards LF
BHP-14-North	12:48	0.7	2.2	18.5	0	---	---	towards property line
GP-15	12:53	22.9	23	2.1	0	12.5	9.3	
GP-17	12:57	0	0.8	18.8	0	12.5	8.3	
GP-16	13:03	0	0.2	19.9	0	12.5	8.5	
GP-18	13:07	41.4	31.9	0.5	0	13.6	9.7	
BHP-18-West	13:11	0.1	0.6	19.7	0	---	---	towards LF
BHP-18-East	13:13	0	1.4	19	0	---	---	towards property line
GP-19	13:18	38.3	34.6	0.9	0	12.5	10	
BHP-19-West	13:22	0	1.1	18.7	0	---	---	towards LF
BHP-19-East	13:24	0	0.8	19.6	0	---	---	towards property line
GP-20	13:32	28.7	16.5	5.2	0	12.5	8.9	
GP-21	13:37	21	17.6	0.1	0	12.5	8.5	
GP-22	13:42	0	0.6	19.2	0	12.5	8.1	

METHANE GAS MIGRATION STUDY
J.E.D. SOLID WASTE MANAGENT FACILITY
ST. CLOUD, OSCEOLA COUNTY, FLORIDA

Temperature 78 °F
Barametric Pressure: 28.07 inch Hg
Wind: 5 mph
Sky Conditions: Partly Cloudy

Technician: Gabriel Brendel
Instrument: Landtec GEM 500
Date: 10/23/2009

Gas Probe ID	Time (hh:mm)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Static Pressure ("H2O)	Depth (ft)	Depth to Water (ft)	Comments
TGP-1	10:32	0.2	0	20.3	0	---	---	
BHP-1-West	10:34	0.4	0.9	19.6	0	---	---	down from TGP-1
BHP-1-East	10:35	0.2	0.6	19.9	0	---	---	up from TGP-1
TGP-2	10:22	26.8	27.1	0.2	0	---	---	
BHP-2-North	10:24	0.4	2	18.2	0	---	---	down from TGP-2
BHP-2-South	10:27	0.4	1.6	19	0	---	---	up from TGP-2
TGP-3	10:13	34.9	18.3	0.1	0	---	---	
BHP-3-West	10:16	1	2.7	17.9	0	---	---	up from TGP-3
GP-7	8:22	0.1	4.2	16.9	0	---	---	
GP-8	8:27	0.1	10.1	11	0	---	---	
GP-9	8:34	31.9	31.9	2.1	0	---	---	
GP-10	8:40	14.7	26.9	0	0.1	---	---	
BHP-10-East	12:14	21.7	18	8.6	0	---	---	towards LF
BHP-10-West	8:46	0.3	4.3	16.1	0	---	---	towards property line
GP-11	8:50	0.3	8.6	12.4	0	---	---	
GP-12	8:54	5.2	21.1	1.3	0	---	---	
GP-13	8:58	11.7	32.3	0.4	0	---	---	
GP-14	9:02	48	32.7	0	0.6	---	---	
BHP-14-South	9:07	1	2.1	18.2	0	---	---	towards LF
BHP-14-North	9:05	27.9	25.2	2.4	0	---	---	towards property line
GP-15	9:14	11.1	19.7	1.1	0	---	---	
GP-17	9:19	0.3	0.6	20.1	0	---	---	
GP-16	9:24	18	22	1.4	0	---	---	
GP-18	9:28	42.4	31.7	0.1	0	---	---	
BHP-18-West	9:34	0.3	0.5	20.1	0	---	---	towards LF
BHP-18-East	9:30	0.4	1.6	18.5	0	---	---	towards property line
GP-19	9:37	38.4	34.9	0.1	0	---	---	
BHP-19-West	9:46	0.3	1.1	19.2	0	---	---	towards LF
BHP-19-East	9:44	0.5	9.7	9.8	0	---	---	towards property line
GP-20	9:52	5.6	3.4	17.8	0	---	---	
GP-21	9:58	36.6	24.2	4.7	0	---	---	
GP-22	10:03	0.4	0.8	20	0	---	---	

METHANE GAS MIGRATION STUDY
J.E.D. SOLID WASTE MANAGENT FACILITY
ST. CLOUD, OSCEOLA COUNTY, FLORIDA

Temperature 71 °F
Barametric Pressure: 27.5 inch Hg
Wind: 5 mph
Sky Conditions: Broken Clouds

Technician: Gabriel Brendel
Instrument: Landtec GEM 500
Date: 11/30/2009

Gas Probe ID	Time (hh:mm)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Static Pressure ("H2O)	Depth (ft)	Depth to Water (ft)	Comments
TGP-1	15:08	20.2	11.5	10.1	0	---	DRY	
BHP-1-West	15:09	0.1	0.6	19.3	0	---	---	down from TGP-1
BHP-1-East	15:11	0	0.7	19.6	0	---	---	up from TGP-1
TGP-2	15:15	1.1	23.4	0.3	0	15	DRY	
BHP-2-North	15:16	0.1	2.1	17.4	0	---	---	down from TGP-2
BHP-2-South	15:18	0.1	3.1	16.8	0	---	---	up from TGP-2
TGP-3	15:22	19.9	9.2	4.2	0	13.7	DRY	
BHP-3-West	15:23	0.1	5.8	14.3	0	---	---	up from TGP-3
GP-7	10:30	0.1	6.2	13.9	0	12.5	DRY	
GP-8	10:33	0.2	6.1	14.4	0	12.5	DRY	
GP-9	10:36	4	17.1	4.7	0	12.5	DRY	
GP-10	10:40	0.3	11.5	8.6	0	12.5	DRY	
BHP-10-East	10:44	6.7	11.2	12.6	0	---	---	towards LF
BHP-10-West	10:41	0.3	5.1	14.8	0	---	---	towards property line
GP-11	10:53	37.9	29	3.3	0	12.5	MUD	
GP-12	10:56	0.3	17.3	2	0	12.5	MUD	
GP-13	10:59	0.3	21.6	0.4	0	12.5	MUD	
GP-14	11:04	8.2	7.2	14.8	0	12.5	11	
BHP-14-South	11:08	0.2	1.7	18.7	0	---	---	towards LF
BHP-14-North	11:07	1.2	1.8	16.7	0	---	---	towards property line
GP-15	11:11	0.2	14.2	8.5	0	12.5	MUD	
GP-16	11:15	9.3	18.9	4	0	12.5	MUD	
GP-17	11:18	2.9	18	0.4	0	12.5	MUD	
GP-18	11:24	11.6	8.6	13.8	0	12.5	11.6	
BHP-18-West	11:43	0.3	0.7	19.5	0	---	---	towards LF
BHP-18-East	11:34	0.3	1.6	18.7	0	---	---	towards property line
GP-19	11:49	14	13	11.6	0	12.5	11.2	
BHP-19-West	11:52	0.4	3.9	16.5	0	---	---	towards LF
BHP-19-East	11:51	0.4	2.2	18	0	---	---	towards property line
GP-20	12:02	20.7	14.1	9.2	0	12.5	10.9	
GP-21	12:07	26.7	16.2	9.1	0	12.5	10.1	
GP-22	12:09	0.6	3.3	18.8	0	13.6	9.9	
BHP-21N	14:50	27.3	18.9	5.9	0	---	---	north of GP-21
BHP-27	14:08	0.8	2.3	19.9	0	---	---	near future GP-27
BHP-30	14:26	3.6	6.3	13.9	0	---	---	near future GP-30

This is the first monitoring event for BHP-21N, BHP-27, and BHP-30

METHANE GAS MIGRATION STUDY
J.E.D. SOLID WASTE MANAGENT FACILITY
ST. CLOUD, OSCEOLA COUNTY, FLORIDA

Temperature 76 °F
Barametric Pressure: 30.1 inch Hg
Wind: 5-10 mph
Sky Conditions: Clear

Technician: Gabriel Brendel
Instrument: Landtec GEM 500
Date: 12/14/2009

Gas Probe ID	Time (hh:mm)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Static Pressure ("H ₂ O)	Depth (ft)	Depth to Water (ft)	Comments
TGP-1	14:13	46.6	26.6	0.4	0	---	---	
BHP-1-West	14:16	0.5	0.9	18.7	0	---	---	down from TGP-1
BHP-1-East	14:23	0.4	0.5	19.5	0	---	---	up from TGP-1
TGP-2	14:07	4.6	22.6	0.5	0	---	---	
BHP-2-North	14:08	0.5	3.1	17.5	0	---	---	down from TGP-2
BHP-2-South	14:09	0.5	1.8	18.8	0	---	---	up from TGP-2
TGP-3	13:58	2	0.7	19.2	0	---	---	
BHP-3-West	14:00	1.4	2.3	18.2	0	---	---	up from TGP-3
GP-7	12:24	12.4	22.2	0	0	---	---	
GP-8	12:28	0.3	8.2	10.8	0	---	---	
GP-9	12:32	21.1	28.4	2.1	0	---	---	
GP-10	12:35	20.3	29.1	0	0	---	---	
BHP-10-East	12:38	0.3	1.1	19.4	0	---	---	towards LF
BHP-10-West	12:37	0.2	0.8	19.3	0	---	---	towards property line
GP-11	12:42	14.6	9.4	14.4	0	---	---	
GP-12	12:45	22.7	14.7	2.6	0	---	---	
GP-13	12:47	9.1	25	0.7	0	---	---	
GP-14	12:51	31.2	27.1	0.1	0	---	---	
BHP-14-South	12:54	0.5	1.5	18.6	0	---	---	towards LF
BHP-14-North	12:53	0.6	0.1	19.5	0	---	---	towards property line
GP-15	12:57	24.1	26	0.8	0	---	---	
GP-17	13:00	4.3	7.2	15.7	0	---	---	
GP-16	13:03	8	11.9	10.8	0	---	---	
GP-18	13:07	13.9	8.9	13.7	0	---	---	
BHP-18-West	13:11	0.4	1.2	19.1	0	---	---	towards LF
BHP-18-East	13:10	0.4	1.2	18.8	0	---	---	towards property line
GP-19	13:15	38.7	34.7	0.3	0	---	---	
BHP-19-West	13:18	0.4	7	12.5	0	---	---	towards LF
BHP-19-East	13:17	0.8	5.1	15.7	0	---	---	towards property line
GP-20	13:21	6.5	6.9	16.2	0	---	---	
GP-21	13:42	31.1	17.3	10.5	0	---	---	
GP-22	13:48	0.8	2.8	19	0	---	---	
BHP-21N	13:46	0.5	0.2	19.7	0	---	---	north of GP-21
BHP-26	10:16	0.5	0	20	0	---	---	in wetland near GP-27
BHP-27	14:31	0.5	0.7	19.5	0	---	---	near future GP-27
BHP-28	14:38	0.5	0.5	20	0	---	---	southwest location

This is the first monitoring event for BHP-26 and BHP-28

METHANE GAS MIGRATION STUDY
J.E.D. SOLID WASTE MANAGENT FACILITY
ST. CLOUD, OSCEOLA COUNTY, FLORIDA

Temperature: 72 °F
 Barametric Pressure: 30.1 inch Hg
 Wind: 5 mph
 Sky Conditions: Broken Clouds

Technician: Gabriel Brendel
 Instrument: Landtec GEM 500
 Date: 1/19/2010

Gas Probe ID	Time (hh:mm)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Static Pressure ("H2O)	Depth (ft)	Depth to Water (ft)	Comments
TGP-1	13:00	0.1	0.4	19.6	0	---	---	
BHP-1-West	13:02	0.2	0.6	19.7	0	---	---	down from TGP-1
BHP-1-East	13:06	10.3	20.7	1.4	0	---	---	up from TGP-1
TGP-2	13:08	0	1.4	18.5	0	---	---	
BHP-2-North	13:09	0.1	1.1	18.9	0	---	---	down from TGP-2
BHP-2-South	13:12	24.8	14.4	3.9	0	---	---	up from TGP-2
TGP-3	13:13	3.3	4.4	17.2	0	---	---	
BHP-3-West	14:00	1.4	2.3	18.2	0	---	---	up from TGP-3
GP-7	10:32	0	3	17.4	0	12.5	12.1	
GP-8	10:40	0.2	7.2	13.6	0	12.5	12.1	
GP-9	10:45	18.7	21.8	5.2	0	12.5	DRY	
GP-10	11:00	9.2	11.3	12	0	12.5	12.1	
BHP-10-East	11:06	0.3	0.3	20.7	0	---	---	towards LF
BHP-10-West	11:08	0	0.5	20.2	0	---	---	towards property line
GP-11	11:12	29.9	19.8	9.6	0	12.5	MUD	
GP-12	11:19	34.9	26.9	0.6	0	12.5	11.2	
GP-13	11:24	0.1	19.9	1.7	0	12.5	10.5	
GP-14	11:30	21.7	24.4	1.1	0	12.5	10.4	
BHP-14-South	11:33	0.2	0.8	19.3	0	---	---	towards LF
BHP-14-North	11:34	0.2	1	19.6	0	---	---	towards property line
GP-15	11:37	0.1	12.7	11	0	12.5	10.9	
GP-17	11:43	1.1	11	10.1	0	12.5	10	
GP-16	11:47	0.2	13.1	4.7	0	12.5	10.5	
GP-18	11:53	36.7	25.4	0.4	0	12.5	11.3	
BHP-18-West	11:57	0	0.5	19.6	0	---	---	towards LF
BHP-18-East	11:58	0.3	0.9	19.6	0	---	---	towards property line
GP-19	12:01	33.4	32.5	0.4	0	12.5	10.9	
BHP-19-West	13:18	0.4	7	12.5	0	---	---	towards LF
BHP-19-East	12:06	0.2	4.1	15.7	0	---	---	towards property line
GP-20	12:09	7.1	13.8	14	0	12.5	10.9	
GP-21	12:18	50.5	25.8	1.9	0	12.5	10.3	
BHP-21N	12:21	0.3	0.2	20.1	0	---	---	north of GP-21
GP-22	12:25	0.3	2.4	19.4	0	13.6	9.8	
BHP-26	12:37	0.1	1.1	19.7	0	---	---	in wetland near GP-27
BHP-27	12:40	0.3	1	19.5	0	---	---	near future GP-27
BHP-28	12:48	0.1	3	18	0	---	---	southwest location

METHANE GAS MIGRATION STUDY
J.E.D. SOLID WASTE MANAGENT FACILITY
ST. CLOUD, OSCEOLA COUNTY, FLORIDA

Temperature 71 °F
 Barametric Pressure: 29.8 inch Hg
 Wind: 10 mph
 Sky Conditions: Cloudy

Technician: Gabriel Brendel
 Instrument: Landtec GEM 500
 Date: 2/5/2010

Gas Probe ID	Time (hh:mm)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Static Pressure ("H2O)	Depth (ft)	Depth to Water (ft)	Comments
TGP-1	12:31	36.8	18.8	6.7	0	---	---	
BHP-1-West	12:32	0.2	0.8	19.9	0	---	---	down from TGP-1
BHP-1-East	12:33	0	1.1	19.9	0	---	---	up from TGP-1
TGP-2	12:37	6.7	18.3	2.8	0	---	---	
BHP-2-North	12:38	0	2.4	17.6	0	---	---	down from TGP-2
BHP-2-South	12:39	0	1	19.7	0	---	---	up from TGP-2
TGP-3	12:42	10.4	5.7	14	0	---	---	
BHP-3-West	12:43	3.5	5	17.2	0	---	---	up from TGP-3
GP-7	11:27	0.1	13.6	3.1	0	---	---	
GP-8	11:29	0	6.6	13.8	0	---	---	
GP-9	11:31	25.2	29.2	1.7	0	---	---	
GP-10	11:34	21.1	28.1	0	0	---	---	
BHP-10-East	11:37	1	4	19	0	---	---	towards LF
BHP-10-West	11:35	0	1.5	18.9	0	---	---	towards property line
GP-11	11:40	43.6	28.8	3.5	0	---	---	
GP-12	11:42	28.8	24.1	0.2	0	---	---	
GP-13	11:44	0	1.5	18.7	0	---	---	
GP-14	11:46	25.8	25.5	0.2	0	---	---	
BHP-14-South	11:46	25.8	25.5	0.2	0	---	---	towards LF
BHP-14-North	11:48	0.2	0.7	19.2	0	---	---	towards property line
GP-15	11:51	0.7	6.8	13.2	0	---	---	
GP-17	11:53	4.9	9.4	12.4	0	---	---	
GP-16	11:55	3.3	11.1	6.1	0	---	---	
GP-18	11:57	30.2	21.1	1	0	---	---	
BHP-18-West	11:59	0.3	1.6	19.2	0	---	---	towards LF
BHP-18-East	11:58	0	1.4	19	0	---	---	towards property line
GP-19	12:02	16.7	11.1	11.7	0	---	---	
BHP-19-West					0	---	---	towards LF
BHP-19-East	12:04	0	0.7	19.8	0	---	---	towards property line
GP-20	12:06	11.7	16.7	3.6	0	---	---	
GP-21	12:08	31	11.9	4.3	0	---	---	
BHP-21N	12:10	2.1	3.9	19.2	0	---	---	north of GP-21
GP-22	12:12	0	1.2	20.2	0	---	---	
BHP-26	12:19	0.7	2.3	19.9	0	---	---	in wetland near GP-27
BHP-27	12:21	0.7	2	20	0	---	---	near future GP-27
BHP-28	12:25	0.4	1.2	20.4	0	---	---	southwest location

METHANE GAS MIGRATION STUDY
J.E.D. SOLID WASTE MANAGENT FACILITY
ST. CLOUD, OSCEOLA COUNTY, FLORIDA

Temperature 72 °F
Barametric Pressure: 30.07 inch Hg
Wind: 10 mph
Sky Conditions: Scattered Clouds

Technician: Gabriel Brendel
Instrument: Landtec GEM 500
Date: 3/25/2010

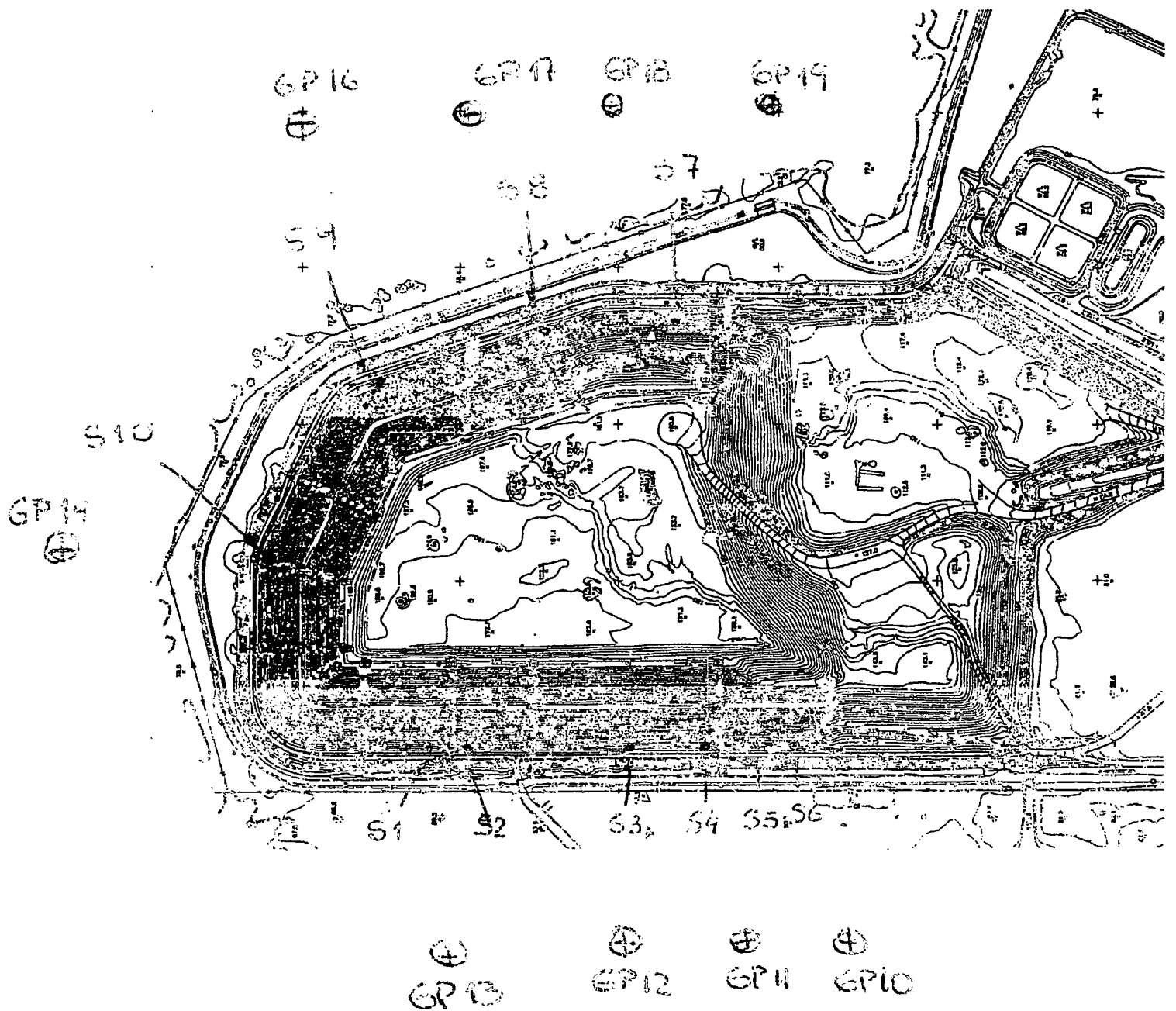
Gas Probe ID	Time (hh:mm)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Static Pressure ("H2O)	Depth (ft)	Depth to Water (ft)	Comments
TGP-1	12:45	40.5	22.9	4.6	0	---	---	
BHP-1-West	12:47	0.4	0.6	19.8	0	---	---	down from TGP-1
BHP-1-East	12:48	0.4	0.9	19.7	0	---	---	up from TGP-1
TGP-2	12:51	4.6	8.9	11.6	0	---	---	
BHP-2-North	12:53	0.2	2.7	18.2	0	---	---	down from TGP-2
BHP-2-South	12:54	0.3	2.6	19.2	0	---	---	up from TGP-2
TGP-3	12:58	23.4	17.2	1.4	0	---	---	
BHP-3-West	---	---	---	---	---	---	---	Probe removed
GP-7	11:10	20.3	19.5	0.9	0	---	---	
GP-8	11:15	0.2	7.7	13.7	0	---	---	
GP-9	11:19	42.3	37.9	0.9	0	---	---	
GP-10	11:22	34	29.9	0	0	---	---	
BHP-10-East	11:24	0.4	0.5	20.3	0	---	---	towards LF
BHP-10-West	11:26	0.3	0.5	20.5	0	---	---	towards property line
GP-11	11:29	30.8	17.6	4.6	0	---	---	
GP-12	11:32	38.1	22.2	5.3	0	---	---	
GP-13	11:35	27.3	19.5	2.4	0	---	---	
GP-14	11:40	11.4	10.1	11.1	0	---	---	
BHP-14-South	11:43	0.3	1.1	19.4	0	---	---	towards LF
BHP-14-North	11:44	0.8	1.8	19.1	0	---	---	towards property line
GP-15	11:47	25.4	20.7	2.2	0	---	---	
GP-17	11:49	0.6	2.5	19.2	0	---	---	
GP-16	11:53	0.9	2.8	18.7	0	---	---	
GP-18	11:56	30.9	16.1	8.7	0	---	---	
BHP-18-West	11:58	0.5	0.5	19.8	0	---	---	towards LF
BHP-18-East	11:59	0.6	1	19.4	0	---	---	towards property line
GP-19	12:03	21.4	17.8	8.6	0	---	---	
BHP-19-West	---	---	---	---	---	---	---	towards LF
BHP-19-East	12:04	3.6	3.9	17.6	0.1	---	---	towards property line
GP-20	12:07	1.1	5.8	14.5	0	---	---	
GP-21	12:11	26.3	12.6	11.2	0	---	---	
BHP-21N	12:13	0.9	0.6	19.9	0	---	---	north of GP-21
GP-22	12:16	0.5	1.8	19.5	0	---	---	
BHP-26	12:26	0.6	1.8	19.3	0	---	---	in wetland near GP-27
BHP-27	12:28	0.2	0	20.5	0	---	---	near future GP-27
BHP-28	12:33	0.4	0.4	20.3	0	---	---	southwest location

METHANE GAS MIGRATION STUDY
J.E.D. SOLID WASTE MANAGENT FACILTY
ST. CLOUD, OSCEOLA COUNTY, FLORIDA

Temperature 81 °F
 Barametric Pressure: 30.19 inch Hg
 Wind: 10-15 mph
 Sky Conditions: Scattered Clouds

Technician: Gabriel Brendel
 Instrument: Landtec GEM 500
 Date: 5/12/2010

Gas Probe ID	Time (hh:mm)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Static Pressure ("H2O)	Depth (ft)	Depth to Water (ft)	Comments
S-1	8:05	0	0.5	20.8	---	---	---	
S-2	8:39	0	0.8	20.3	---	---	---	
S-3	8:49	0	0.5	20.7	---	---	---	
S-4	9:05	0	0.9	20	---	---	---	
S-5	9:16	9.2	5.6	17.3	---	---	---	
S-6	9:25	41.4	31.7	3	---	---	---	
S-7	9:46	0.1	1.4	19.4	---	---	---	
S-8	9:56	0	0.7	20.1	---	---	---	
S-9	10:05	0	1.4	19.2	---	---	---	
S-10	10:22	0	1.2	19.7	---	---	---	
S-1	11:07	0	0.6	20.5	---	---	---	
S-2	11:09	0.1	0.8	20.4	---	---	---	
S-3	11:11	0	0.5	20.5	---	---	---	
S-4	11:14	0.2	0.8	20.1	---	---	---	
S-5	11:17	13.7	9.2	15.6	---	---	---	
S-6	11:19	46.1	36.1	1.6	---	---	---	
S-7	11:35	0	1.2	19.9	---	---	---	
S-8	11:33	0	0.5	20.5	---	---	---	
S-9	11:26	0	1.3	19.7	---	---	---	
S-10	11:23	0.1	1.3	19.7	---	---	---	



JED. WSI. 5/12/2010

Brandy

Table 1

**SUMMARY OF GAS MONITORING PROBE CONSTRUCTION DETAILS
J.E.D. SOLID WASTE MANAGEMENT FACILITY**

C

A + B = C

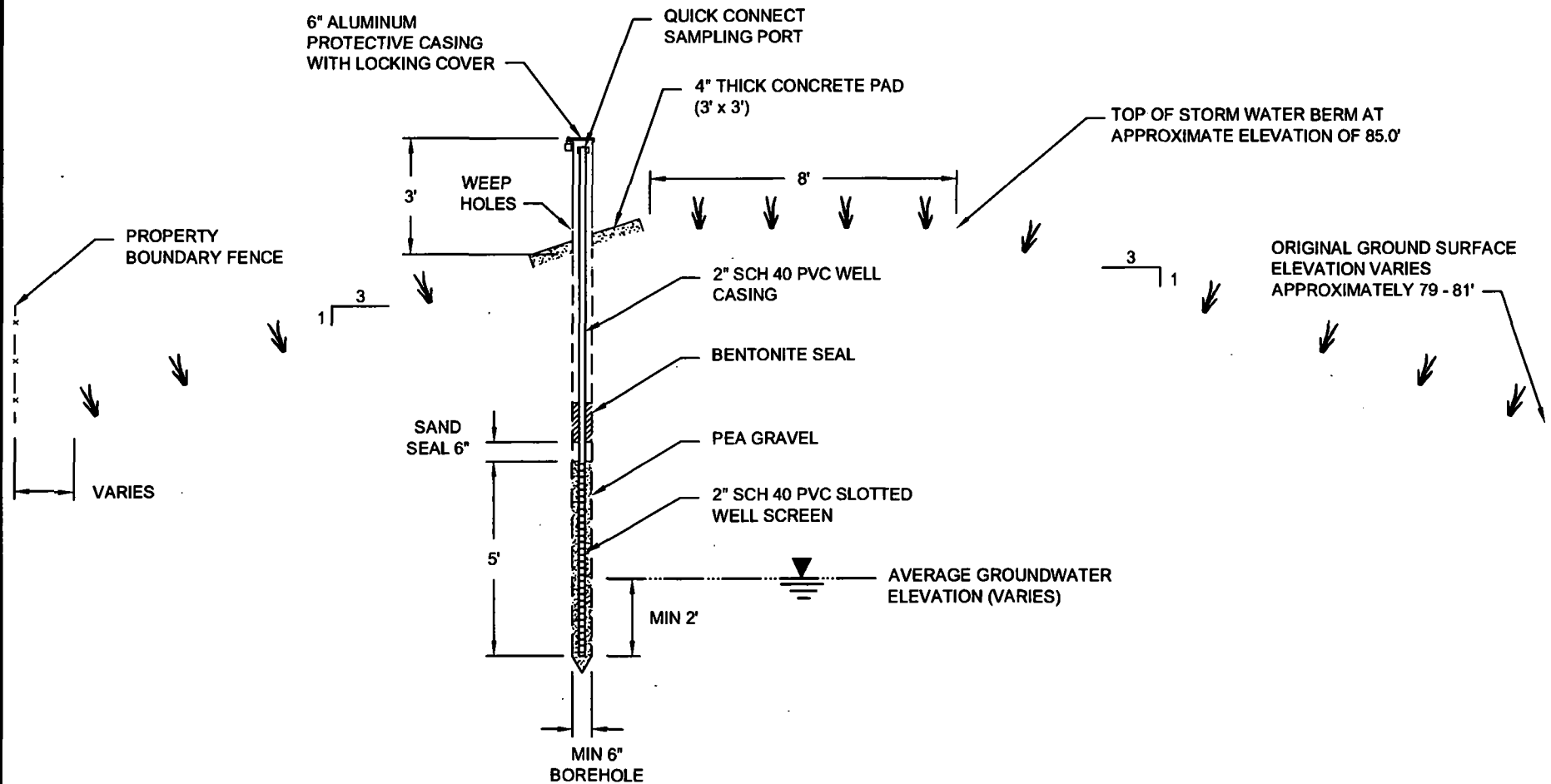
A

B

Well Designation	Northing (NAD 1983)	Easting (NAD 1983)	Date Installed	Top of Casing Elevation, TOC (feet)	Ground Elevation Storm Water Berm (feet)	Total Depth (feet BTOC)	Screened Interval (feet BTOC)		Depth to Groundwater	Groundwater Elevation (feet)	Length of Exposed Screen (ft)
							Top	Bottom	(feet BTOC)		
GP-07	1354321.101	623858.955	26-Mar-08	87.83	85.11	12.45	80.38	75.38	No Water	No Water	5.0
GP-08	1354826.726	623856.456	26-Mar-08	87.79	85.05	12.33	80.46	75.46	No Water	No Water	5.0
GP-09	1355326.318	623857.534	26-Mar-08	88.36	85.22	12.43	80.93	75.93	No Water	No Water	5.0
GP-10	1355866.980	623856.941	26-Mar-08	88.50	85.63	12.27	81.23	76.23	11.61	76.89	4.34
GP-11	1356367.079	623853.770	26-Mar-08	87.64	85.00	12.23	80.41	75.41	9.98	77.66	2.75
GP-12	1356867.442	623852.794	26-Mar-08	87.66	85.16	12.23	80.43	75.43	8.95	78.71	1.72
GP-13	1357358.043	623849.971	26-Mar-08	87.83	85.05	13.00	79.83	74.83	9.17	78.66	1.17
GP-14	1357778.817	624210.859	26-Mar-08	87.70	84.64	13.49	79.21	74.21	9.53	78.17	1.04
GP-15	1357795.304	624693.469	26-Mar-08	88.30	85.26	13.93	79.37	74.37	10.04	78.26	1.11
GP-16	1357548.338	625126.640	26-Mar-08	87.35	84.67	13.58	78.77	73.77	9.28	78.07	0.70
GP-17	1357056.704	625348.210	26-Mar-08	88.42	85.62	13.69	79.73	74.73	10.20	78.22	1.51
GP-18	1356474.586	625544.235	26-Mar-08	88.01	85.08	13.80	79.21	74.21	10.67	77.34	1.87
GP-19	1355906.706	625657.528	26-Mar-08	87.88	85.12	13.60	79.28	74.28	10.44	77.44	1.84
GP-20	1355543.690	625619.161	26-Mar-08	88.41	85.44	15.26	78.15	73.15	10.20	78.21	-0.06
GP-21	1355422.309	626099.820	26-Mar-08	87.73	84.87	15.11	77.62	72.62	9.03	78.70	-1.08
GP-22	1355279.655	626572.783	26-Mar-08	87.51	84.84	15.31	77.20	72.20	8.77	78.74	-1.54

Note: Water levels measured on 24 April 2008

I:\FQ1482\FQ1482.01\FIGURES\FQ1482.01F002.DWG (5 December 2006) cvlckers



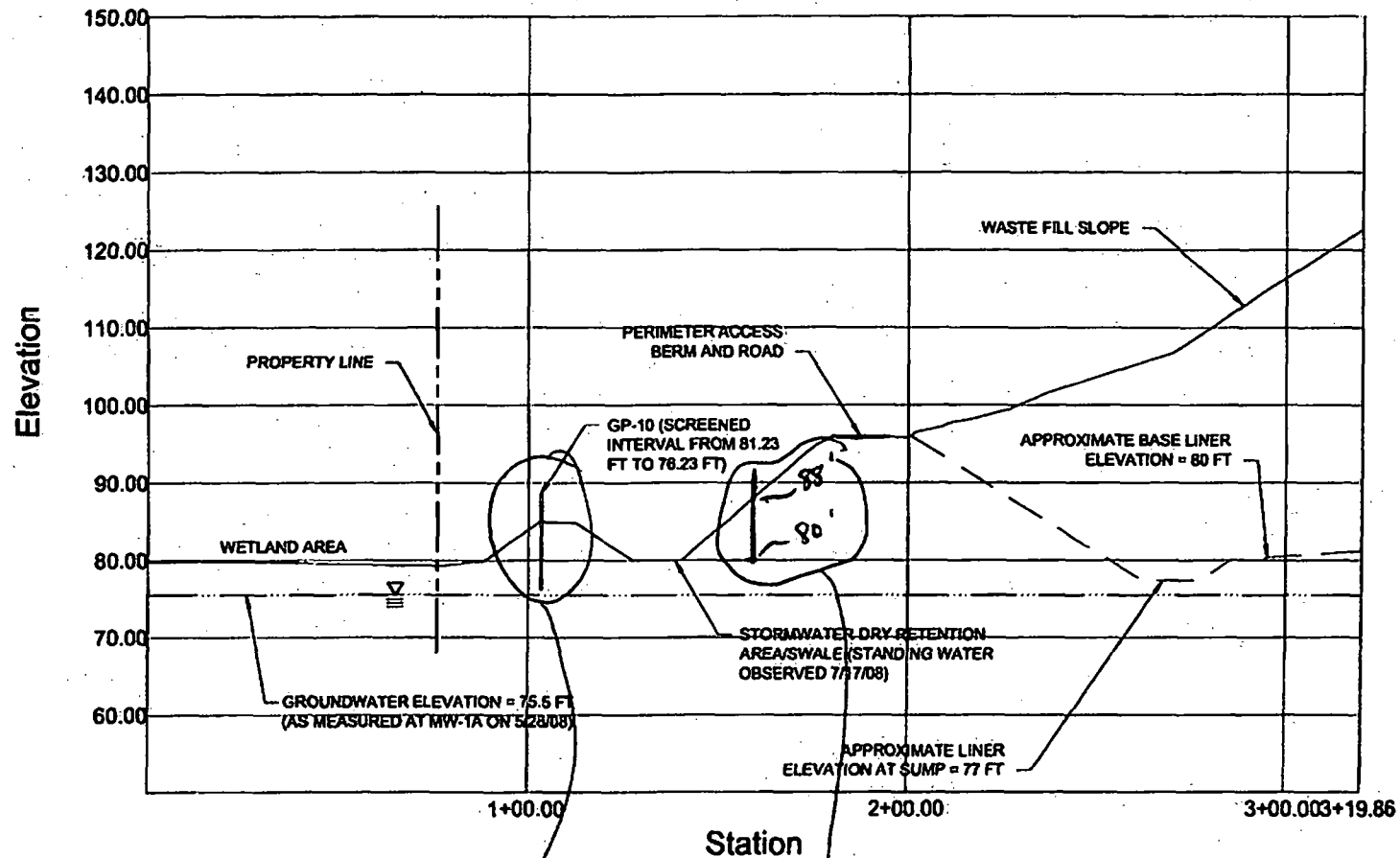
TYPICAL GAS MONITORING PROBE
CONSTRUCTION DETAIL
J.E.D. SOLID WASTE MANAGEMENT FACILITY

Geosyntec[®]
consultants

TAMPA, FL

DATE:	22 MAY 2008	FILE NO.	FQ1482.01F002
PROJECT NO.	FQ1482.01	FIGURE NO.	2

Profile View of GP- 10



ELEVATIONS BASED ON AERIAL TOPOGRAPHY DATED 5/15/08.

Permanent probes

Temporary probes