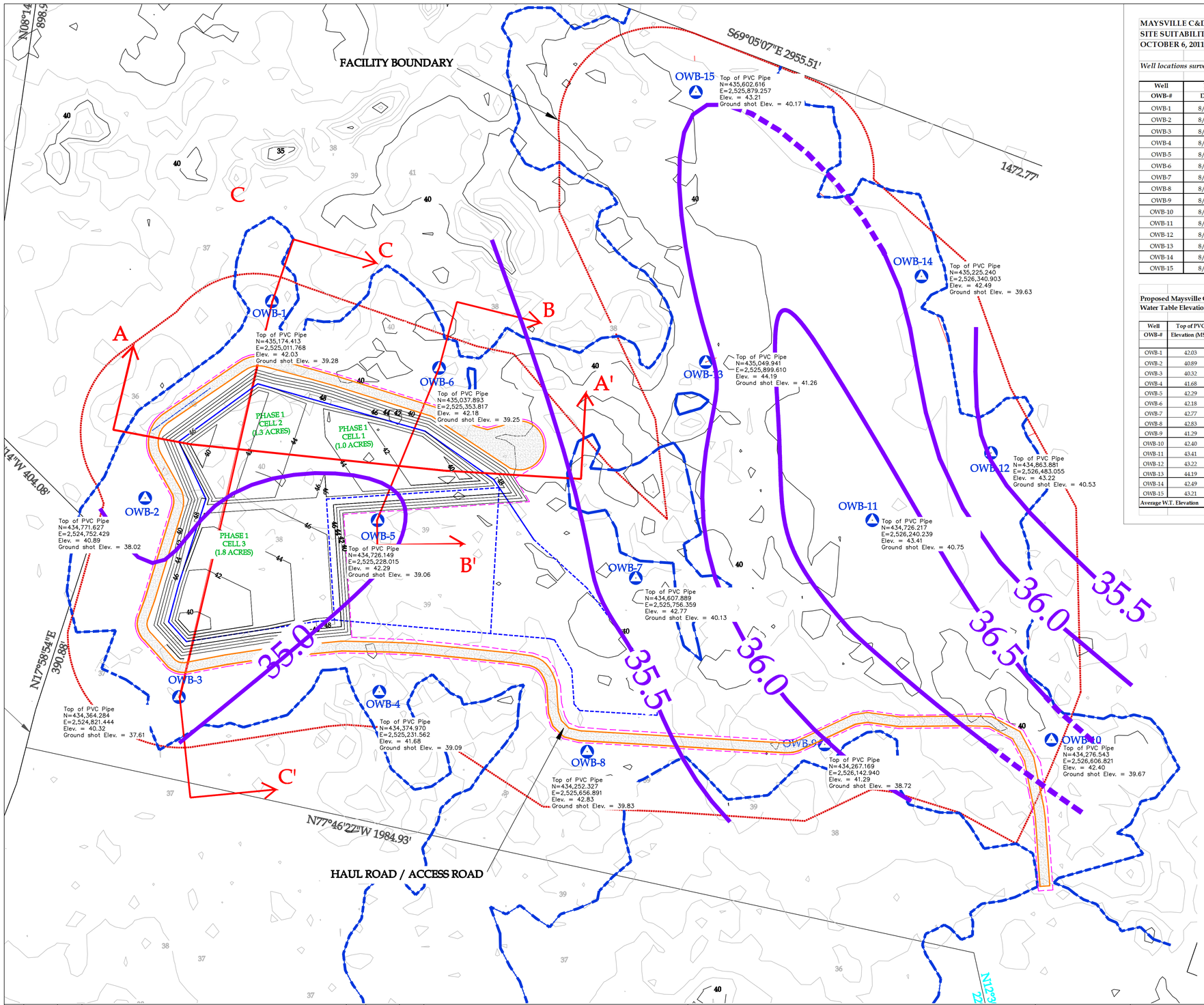

MAYSVILLE C&D LANDFILL
SITE SUITABILITY - OBSERVATION WELL DATA
OCTOBER 6, 2011

Well locations survey data supplied by Parker & Associates

Well OWB-#	Date Drilled	Ground Surface Elevation (MSL)	Top of PVC Elevation (MSL)	Well PVC Stick-Up (ft)	Well Depth (ft)	Screened Interval (ft)	NC State Plane Northing	NC State Plane Easting
OWB-1	8/25/11	39.28	42.03	2.75	20.0	20.0 - 7.0	435174.413	2525011.768
OWB-2	8/25/11	38.02	40.89	2.87	20.0	20.0 - 7.0	434771.627	2524752.429
OWB-3	8/25/11	37.61	40.32	2.71	20.0	20.0 - 8.0	434364.284	2524821.444
OWB-4	8/25/11	39.09	41.68	2.59	20.0	20.0 - 8.0	434374.970	2525231.562
OWB-5	8/24/11	39.06	42.29	3.23	15.0	19.0 -7.0	434726.149	2525228.015
OWB-6	8/24/11	39.25	42.18	2.93	15.0	20.0 - 8.0	435037.893	2525353.817
OWB-7	8/24/11	40.13	42.77	2.64	15.0	34.0 - 21.0	434607.889	2525756.359
OWB-8	8/23/11	39.83	42.83	3.00	20.0	20.0 - 8.0	434252.327	2525656.891
OWB-9	8/23/11	38.72	41.29	2.57	15.0	3.0 - 15.0	434267.169	2526142.940
OWB-10	8/22/11	39.67	42.40	2.73	20.0	20.0 - 8.0	434276.543	2526606.821
OWB-11	8/23/11	40.75	43.41	2.66	15.0	15 -3.5	434726.217	2526240.239
OWB-12	8/23/11	40.53	43.22	2.69	20.0	20.0 - 8.0	434863.881	2526483.055
OWB-13	8/24/11	41.26	44.19	2.93	20.0	20.0 - 8.0	435049.941	2525899.610
OWB-14	8/23/11	39.63	42.49	2.86	20.0	20.0 - 8.0	435225.240	2526340.903
OWB-15	8/24/11	40.17	43.21	3.04	20.0	20.0 - 8.0	435602.616	2525879.257

Proposed Maysville C&D Landfill
Water Table Elevations - Through 11-22-11

Well OWB-#	Top of PVC Elevation (MSL)	Groundwater Level Elevations													
		T.O.B.		24-Hr.		8/26/11		9/6/11		9/9/11		10/10/11		11/22/11	
		Depth (ft)	Elev.	Depth (ft)	Elev.	Depth (ft)	Elev.	Depth (ft)	Elev.	Depth (ft)	Elev.	Depth (ft)	Elev.	Depth (ft)	Elev.
OWB-1	42.03	13.55	28.48	13.92	28.11	13.92	28.11	7.21	34.82	6.82	35.21	7.80	34.23	7.11	34.92
OWB-2	40.89	13.62	27.27	13.62	27.27	13.62	27.27	6.33	34.56	5.86	35.03	7.02	33.87	6.23	34.66
OWB-3	40.32	12.75	27.57	12.79	27.53	12.79	27.53	5.79	34.53	5.38	34.94	6.54	33.78	5.80	34.52
OWB-4	41.68	13.93	27.75	13.86	27.82	13.86	27.82	6.89	34.79	6.53	35.15	7.68	34.00	6.92	34.76
OWB-5	42.29	15.05	27.24	15.00	27.29	14.30	27.99	7.52	34.77	7.36	34.93	8.22	34.07	7.44	34.85
OWB-6	42.18	13.70	28.48	13.78	28.40	13.82	28.36	7.31	34.87	6.94	35.24	7.91	34.27	7.10	35.08
OWB-7	42.77	15.55	27.22	14.85	27.92	14.75	28.02	7.69	35.08	7.17	35.60	8.58	34.19	7.79	34.98
OWB-8	42.83	15.05	27.78	14.97	27.86	14.99	27.84	7.93	34.90	7.62	35.21	8.68	34.15	7.83	35.00
OWB-9	41.29	13.89	27.40	13.10	28.19	13.11	28.18	5.58	35.71	5.30	35.99	5.22	36.07	7.50	33.79
OWB-10	42.40	13.68	28.72	13.70	28.70	13.70	28.70	6.68	35.72	5.71	36.69	7.15	35.25	6.20	36.20
OWB-11	43.41	13.62	29.79	13.65	29.76	13.64	29.77	6.93	36.48	6.38	37.03	7.61	35.80	6.75	36.66
OWB-12	43.22	16.25	26.97	15.13	28.09	15.15	28.07	8.07	35.15	7.76	35.46	8.40	34.82	7.86	35.36
OWB-13	44.19	15.15	29.04	15.34	28.85	15.37	28.82	8.51	35.68	8.23	35.96	9.27	34.92	8.40	35.79
OWB-14	42.49	14.40	28.09	14.09	28.40	14.06	28.43	6.86	35.63	6.57	35.92	7.65	34.84	6.74	35.75
OWB-15	43.21	14.61	28.60	14.56	28.65	14.65	28.56	7.40	35.81	7.23	35.98	8.59	34.62	7.83	35.38
Average W.T. Elevation			**28.03**		**28.19**		**28.23**		**35.23**		**35.62**		**34.59**		**35.18**

LEGEND

- EXISTING CONTOUR (1-FT INTERVAL)
- PROPOSED CONTOUR (2-FT INTERVAL)
- ACOE APPROVED WETLAND LIMITS
- GROUND WATER CONTOUR (0.5-FT INTERVAL)
- OWB-8 SOIL TEST BORING & WELL LOCATION

NOTES:
1. WATER TABLE ELEVATION DATA RECORDED ON SEPTEMBER 9, 2011 REPRESENTS CURRENT ESTIMATE OF LONG-TERM SEASONAL HIGH GROUNDWATER TABLE.

THIS PLAN IS FOR PERMITTING PURPOSES ONLY IN ACCORDANCE WITH NC GENERAL STATUTES AND NCDENR DIVISION OF WASTE MANAGEMENT RULES. THIS PLAN IS NOT FOR CONSTRUCTION. .

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SCALE IN FEET
100 50 25 0 100

NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION

MAYSVILLE C&D LANDFILL
PHASE 1 PERMIT APPLICATION
GREEN RECYCLING SOLUTIONS LLC — MAYSVILLE, NC

DRAWN BY: CJM
DESIGN ENGINEER: CJM
PROJECT ENGINEER: DWW
PROJECT MANAGER: DWW

LICENSE #C-2206
ERM NC, INC.
8000 CORPORATE CENTER DRIVE, SUITE 200
CHARLOTTE, NORTH CAROLINA 28226
(704) 541-8345

NOT FOR CONSTRUCTION

CROSS SECTION LOCATION PLAN

SCALE: AS SHOWN
DATE: JUNE 2013
PROJECT NO.: 0140408
AutoCAD 2007: CROSS SECTIONS.DWG

DRAWING NO. 4
REV. NO.
SHEET 4 OF 21