

Legend

- ▲ BACKGROUND WELL
- ▲ COMPLIANCE WELL
- 1979 LANDFILL BOUNDARY COORDINATES
- POWER PLANT
- APPROXIMATE 1979 LANDFILL BOUNDARY
- FLY ASH STRUCTURAL FILL
- COMPLIANCE BOUNDARY
- ASH POND WASTE BOUNDARY
- UNLINED LANDFILL LIMITS
- LINED LANDFILL LIMITS
- PARCEL BOUNDARY
- CONTOUR INTERVAL 20 FT
- GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER ELEVATION (11-30-2010)

TOPO SOURCE:
NCDOT LIDAR, DATED 2007

IMAGE SOURCE:
NC ONEMAP, PERSON CO., DATED 2008

PARCEL SOURCE:
PERSON COUNTY GIS, RECEIVED JAN. 2010

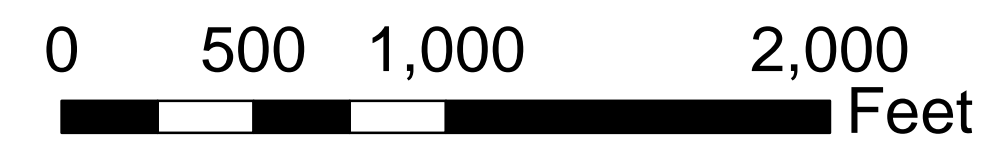
LANDFILL BOUNDARY COORDINATES SOURCE:
NCDHR DIVISION OF HEALTH SERVICES
SOLID WASTE MANAGEMENT 1979 PERMIT NO. 73-A

OBJECTS ARE SHOWN IN GENERAL ARRANGEMENT FOR ILLUSTRATION PURPOSES. THE LOCATIONS OF OBJECTS SHOWN ARE NOT NECESSARILY ACCURATE AND HAVE NOT BEEN SURVEYED.

COMPLIANCE WELLS CW-2D AND CW-3D WERE NOT USED TO ESTIMATE GROUNDWATER FLOW

Well ID	Position	Use	Total Depth (feet bg)	Well Screen Interval (feet bg)	Date Well Installed	Northing	Easting	Ground Elevation (NAVD 88)	Top of Casing Elevation (NAVD 88)	Depth to Groundwater 11/30/2010 (feet)	Groundwater Elevation 11/30/2010 (feet)	Driller
CW-1	Down-gradient	Compliance	40.25	19.95 - 39.75	10/29/2010	994400.3600	1983011.6020	505.91	508.05	25.87	482.18	S&ME Inc.
CW-2	Down-gradient	Compliance	18.0	7.7 - 12.5	10/29/2010	993052.8279	1977461.8699	421.97	424.26	13.77	410.49	S&ME Inc.
CW-2D	Down-gradient	Compliance	30.5	25.1 - 29.9	10/28/2010	993048.5260	1977467.9612	422.07	424.33	13.78	410.55	S&ME Inc.
CW-3	Down-gradient	Compliance	11.5	3.4 - 11.4	10/26/2010	988904.1746	1977321.0490	449.35	451.69	5.25	446.44	S&ME Inc.
CW-3D	Down-gradient	Compliance	47.0	41.7 - 46.5	10/29/2010	988904.2360	1977313.1169	449.07	451.45	3.63	447.82	S&ME Inc.
CW-4	Down-gradient	Compliance	39.5	24.2 - 39.0	11/1/2010	987735.9780	1978597.1300	477.44	479.66	28.97	450.69	S&ME Inc.
CW-5	Down-gradient	Compliance	20.0	4.7 - 19.5	11/3/2010	993026.3450	1978359.5890	457.4	459.51	9.92	449.59	S&ME Inc.
BG-1	Up-gradient	Background	52.5	32.5 - 52.0	11/2/2010	987882.0870	1976145.8460	531.21	533.69	38.81	494.88	S&ME Inc.

McKim & Creek provided the well coordinates and top of casing elevations based on measurements obtained on December 2010
feet bg = feet below grade



S&ME
WWW.SMEINC.COM
NC ENG. LICENSE #0176, PHONE: (919) 872-2660
3201 SPRING FOREST ROAD, RALEIGH, NC 27616

NO.	DATE	DESCRIPTION	BY

COMPLIANCE WELL NETWORK MAP

ROXBORO STEAM ELECTRIC PLANT
PROGRESS ENERGY
SEMORA, NORTH CAROLINA

DRAWN BY: JBP	CHECKED BY: EQH
DESIGNED BY:	APPROVED BY:
PROJECT NO: 1584-10-026	SCALE: 1" = 500'
DRAWING NUMBER: 1	DATE: December, 2010
DRAWING:	OF: 1

DRAWING PATH: