



Monitoring Well	Easting	Northing	Ground Elevation	Casing Elevation	Depth To Water	Water Elevation
CMW-1	1985167.50	666928.02	162.3	165.67	8.01	157.66
CTMW-1	1985163.26	666936.52	163.4	166.04	7.51	158.53
CMW-2	1984677.55	671530.05	166.6	169.40	10.71	158.69
CTMW-2	1984675.45	671538.77	166.5	169.17	11.56	157.61
CMW-3	1985020.89	672774.76	172.7	175.96	15.66	160.30
BGMW-4	1986489.61	672664.35	177.7	180.74	17.76	162.98
BGTMW-4	1986496.35	672663.82	177.5	180.85	18.38	162.47
CMW-5	1988084.54	670569.11	178.6	182.44	14.35	168.09
CMW-6	1988906.82	668117.34	166.6	169.89	3.95	165.94
CMW-7	1986974.79	668474.28	181.5	184.58	21.25	163.33
CTMW-7	1986975.86	668479.37	181.4	184.66	21.84	162.82
CMW-8	1984746.56	668852.85	167.7	170.21	7.71	162.50
CTMW-8	1984743.29	668845.58	167.4	170.32	11.72	158.60

LEGEND

- | NEW | EXISTING | DESCRIPTION |
|-----|----------|--|
| | | TYPE II - COMPLIANCE MONITORING WELL (TASK 1) |
| | | TYPE III - COMPLIANCE MONITORING WELL (TASK 1) |
| | | TYPE II - COMPLIANCE MONITORING WELL (TASK 3) |
| | | TYPE III - COMPLIANCE MONITORING WELL (TASK 3) |
| | | TYPE II - BACKGROUND MONITORING WELL (TASK 1) |
| | | TYPE III - BACKGROUND MONITORING WELL (TASK 3) |
| | | TOPOGRAPHIC CONTOURS - 2' INTERVAL |
| | | PARCEL BOUNDARY |
| | | COMPLIANCE BOUNDARY |
| | | WASTE BOUNDARY |

- Notes:
1. TOPO Source - NCDOT LIDAR, Dated 2007
 2. Image Source - NC ONEMAP, Chatham County
 3. Parcel Source - Chatham County GIS, Dated April 2010
 4. Ash Pond data provided by Progress Energy (S&ME drawing dated Feb. 2010)
 5. Well survey provided by Paramounte Engineering Inc. Professional Land Surveyor and used for groundwater elevation calculations.
 6. Depth to water measured by CATLIN on December 2010.
 7. Type III well were omitted from groundwater contours.



PROJECT
**PROGRESS ENERGY CAROLINAS
 CAPE FEAR STEAM ELECTRIC PLANT
 500 CP&L ROAD
 MONCURE, NC 27559**

TITLE
**SITE MAP WITH CURRENT MONITORING
 WELL LOCATIONS AND GROUNDWATER CONTOURS
 AS OF DECEMBER 2010**

FIGURE
1

JOB NO: 210036.P DATE: DEC 2010 SCALE: 1" = 400' DRAWN BY: THW CHECKED BY: GRG