



Legend

- ◆ Compliance Well Location
- WATER SUPPLY WELL
- - - Potentiometric Lines
- - - WASTE BOUNDARY
- - - COMPLIANCE BOUNDARY
- - - PARCEL BOUNDARY
- - - CONTOUR INTERVAL 20 FT
- - - CONTOUR INTERVAL 2 FT

TOPO SOURCE:
NCDOT LIDAR, DATED 2007

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

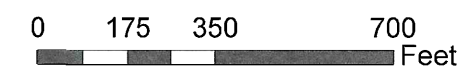
PARCEL SOURCE:
ROBESON COUNTY GIS, RECEIVED FEB. 2010

GROUNDWATER ELEVATIONS WERE
MEASURED BY S&ME ON SEPTEMBER 10, 2010

COMPLIANCE WELL LOCATIONS AND ELEVATIONS
FROM THE SITE SURVEY PREPARED BY BATEMAN
CIVIL SURVEY CO., PC.

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

Well ID	Position	Use	Date Well Installed	Northing Bateman Civil Survey Co.	Easting Bateman Civil Survey Co.	Ground Elevation (NAVD 88)	Top of Casing Elevation (NAVD 88)	Depth to Groundwater 9/10/2010 (feet)	Groundwater Elevation 9/10/2010 (feet)	Driller
CW-1	Down-gradient	Compliance	8/30/2010	304511.22	2008942.11	113.71	116.84	6.51	110.33	S&ME Inc.
CW-2	Down-gradient	Compliance	8/26/2010	305762.29	2010618.15	110.69	113.41	7.75	105.66	S&ME Inc.
CW-3	Down-gradient	Compliance	8/26/2010	306399.73	2010228.16	115.96	119.08	9.62	109.46	S&ME Inc.
BW-1	Up-gradient	Background	8/30/2010	306927.89	2007479.08	139.46	142.82	10.09	132.73	S&ME Inc.



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

NO.	DATE	DESCRIPTION	BY

FINAL COMPLIANCE WELL MAP WITH POTENTIOMETRIC SURFACE

WEATHERSPOON STEAM ELECTRIC PLANT
 PROGRESS ENERGY
 LUMBERTON, NORTH CAROLINA

DRAWN BY LSE	CHECKED BY EOH
DESIGNED BY	APPROVED BY
PROJECT NO. 1584-10-022	DATE OCTOBER 7, 2010
SCALE 1" = 175'	DRAWING NUMBER
DRAWING 1	OF 1

DRAWING PATH: S:\PROJECTS\2010\10\07\1584-10-022\1584-10-022-01.DWG