



COMPLIANCE BOUNDARY MONITORING WELLS				
WELL ID	NORTHING (ft)	EASTING (ft)	MEASURING PT FEET (msl)	GROUND SURFACE FEET (msl)
CW-1	304511.22	2008942.11	116.84	113.71
CW-2	305762.29	2010618.15	113.41	110.89
CW-3	306399.73	2010228.16	110.08	115.96
BW-1	306927.89	2007470.08	142.82	139.46

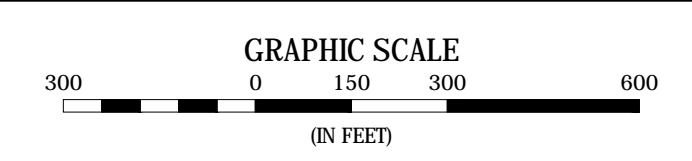
**LEGEND**

- BW-1 BACKGROUND MONITORING WELL (SURVEYED)
- CW-1 DOWNGRADIENT MONITORING WELL (SURVEYED)
- DUKE ENERGY PROGRESS WEATHERSPOON PLANT
- 500 FT COMPLIANCE BOUNDARY
- WASTE BOUNDARY
- FLOW DIRECTION
- 2007 LIDAR CONTOUR MAJOR
- 2007 LIDAR CONTOUR MINOR
- GENERALIZED GROUNDWATER FLOW DIRECTION SUPPORTED BY GROUNDWATER ELEVATION DATA POINTS OR TOPOGRAPHIC DATA

- SOURCES:**
- 2010 HIGH RESOLUTION AERIAL PHOTOGRAPHS OBTAINED FROM NC ONE MAP AT <http://data.ncone.com/geospatial/catalog/maps/wsp/wsp.html>
  - 2014 AERIAL PHOTOGRAPH WAS OBTAINED FROM WSP FLOW ON APRIL 17, 2014.
  - 2M CONTOUR INTERVALS FROM NCDOT LIDAR DATED 2007 [https://connect.ncdot.gov/resources/gis/pages/cont-elev\\_v2.aspx](https://connect.ncdot.gov/resources/gis/pages/cont-elev_v2.aspx)
  - DRAWING HAS BEEN SET WITH A PROJECTION OF NORTH CAROLINA STATE PLANE COORDINATE SYSTEM FIPS 3200 (NAD 83).
- NOTE:**
- CONTOUR LINES ARE USED FOR REPRESENTATIVE PURPOSES ONLY AND ARE NOT TO BE USED FOR DESIGN OR CONSTRUCTION PURPOSES.

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PROJECT MANAGER:	K. WEBB		
LAYOUT NAME:	FIG 1 (GEN GW FLOW)		

WEATHERSPOON PLANT  
491 POWER PLANT RD  
LUMBERTON, NORTH CAROLINA

**FIGURE 1**  
GENERALIZED GROUNDWATER  
FLOW DIRECTION