BELEWS CREEK STEAM STATION
ASH BASIN
NPDES PERMIT # NC0024406
(APPROX. POND ELEV. 750.8')

ASH BASIN REVIEW BOUNDARY
ASH BASIN COMPLIANCE BOUNDARY
FACILITY BOUNDARY
FACILITY BOUNDARY (COINCIDENT WITH PROPERTY LINE)
50 Foot Property Line Offset
ASH LANDFILL COMPLIANCE BOUNDARY (250 FT)
ASH BASIN FULL POND ELEV. 760.ft
MIDDLETON LOOP RD
OB-5 (755.10')
OB-4 (754.36')
MW-4 (754.87')
LIMITS OF SOIL CAP
LIMITS OF SOIL CAP
FACILITY BOUNDARY (COINCIDENT WITH PROPERTY LINE)
APPROX. LIMITS OF ENGINEERED COVER SYSTEM
MW2-7 (764.52')
SW-1
ASH BASIN REVIEW BOUNDARY (250 FT FROM ASH BASIN)
ASH LANDFILL COMPLIANCE BOUNDARY (250 FT)
MW2-9 (793.41')
ASH LANDFILL COMPLIANCE BOUNDARY (250 FT)
MW-5 (761.71')
REVIEW BOUNDARY COMBINED LANDFILL AND ASH BASIN REVIEW BOUNDARIES
OB-9 (762.32')
SW-2
250 ft
ASH BASIN COMPLIANCE BOUNDARY (500 FT FROM ASH BASIN)
TO BELEWS CREEK STEAM STATION
ASH BASIN COMPLIANCE BOUNDARY (500 FT)
MW-7 (810.11')
MW-3 (802.47')
EXISTING HAUL ROAD
PINE HALL RD ASH LANDFILL
PINE HALL RD.
FACILITY BOUNDARY
PROPERTY BOUNDARY
MW-1D (813.32')
MW-2 (808.88')
MW-6 (805.63')
REVIEW BOUNDARY (COMBINED LANDFILL AND ASH BASIN REVIEW BOUNDARIES)
FACILITY BOUNDARY (COINCIDENT WITH PROPERTY LINE)
MW-1 (816.52')
PINE HALL RD.
50 Foot Property Line Offset
COMPLIANCE BOUNDARY COMBINED LANDFILL, (250 FT) AND ASH BASIN (500 FT) COMPLAINCE BOUNDARIES

NORTH

SCALE
0 300
FEET

Legend

- MW-1D (813.32') Groundwater Monitoring Well (Groundwater Elevation)
- SW-2 Surface Water Sample Location
- 800 Groundwater Contour - April 21-22 2009
- Landfill Review Boundary
- Landfill Compliance Boundary

SCALE:	AS SHOWN
CHECKED BY:	L.Armstrong
DRAWN BY:	W. Miller
DATE:	June 5, 2009

S&ME
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GROUNDWATER CONTOURS APRIL 2009
PINE HALL RD. ASH LANDFILL
Permit #85-03
DUKE ENERGY BELEWS CREEK STEAM STATION

JOB NO: 1411-09-047

FIGURE NO: 1