

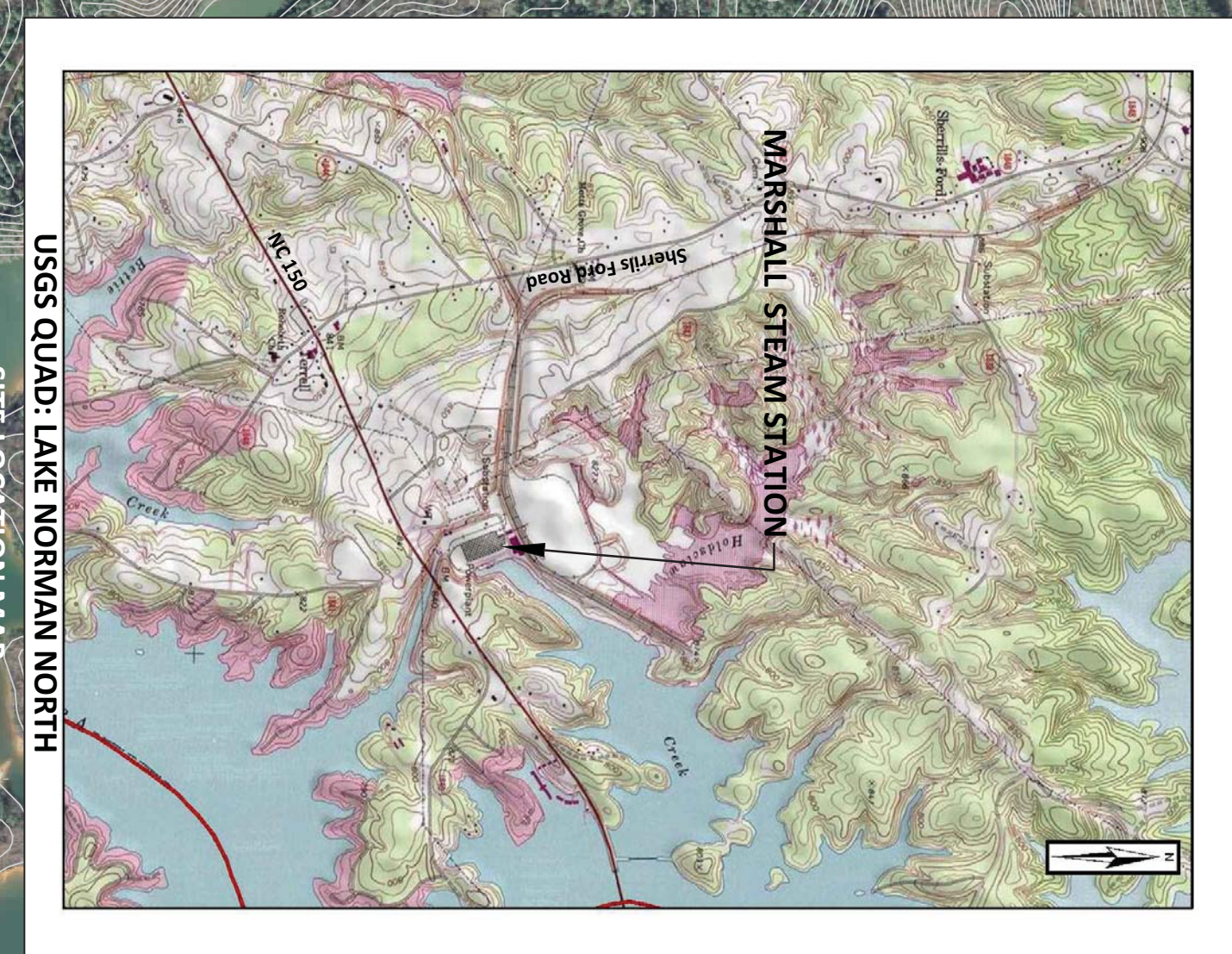
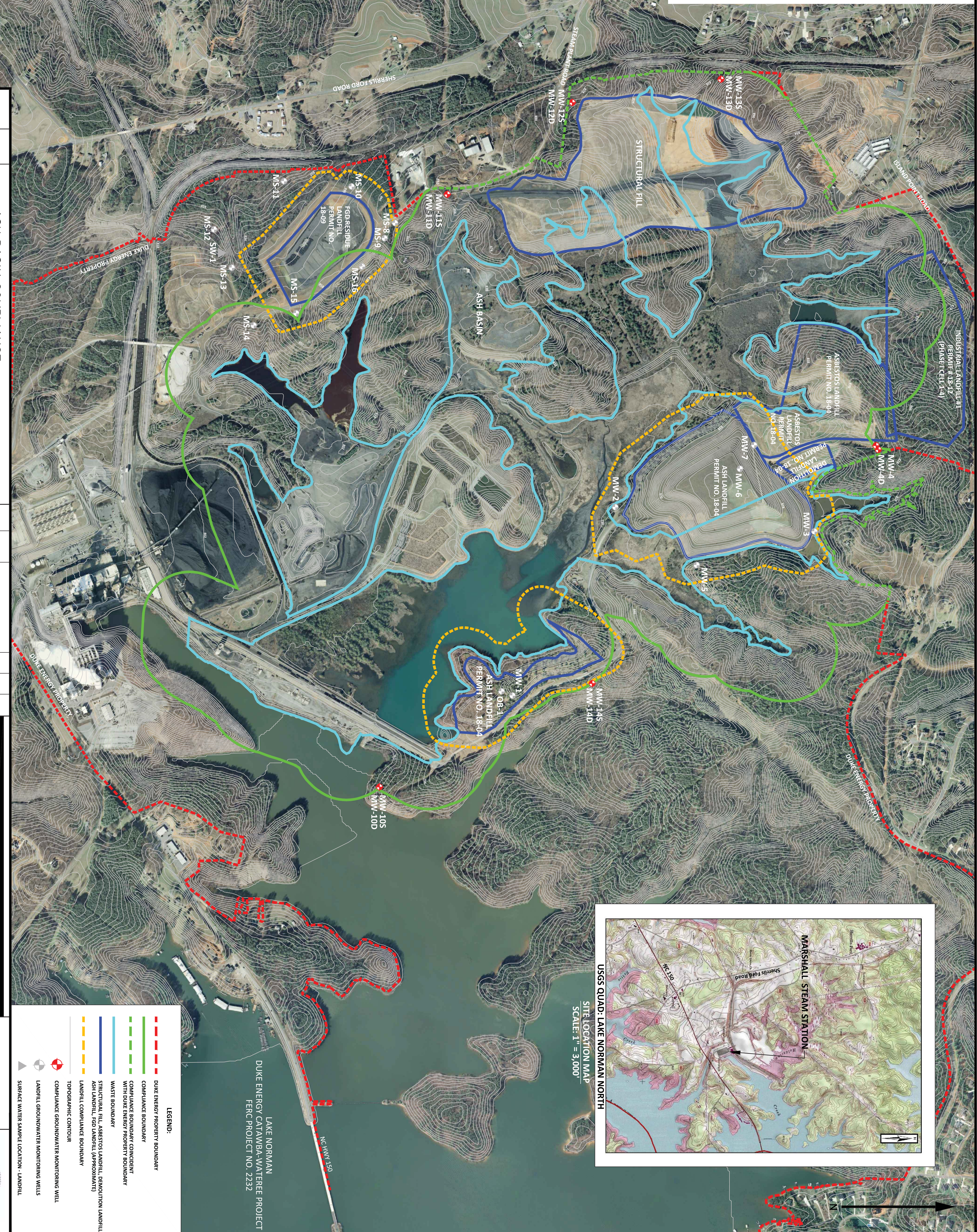
Marshall Steam Station
Ash Basin Compliance Groundwater Monitoring Well Construction
Data

As-Built Data

Well ID	Northing (feet)	Eastng (feet)	TOC Elevation (feet)	Screen Interval (feet bgs)	Top of Rock (feet bgs)
MW-4	686,723.33	1,414,467.78	866.42	37.4 - 47.4	---
MW-4D	686,715.82	1,414,462.36	866.74	55.5 - 60.5	50.5
MW-10S	681,328.43	1,418,114.26	772.05	12 - 27	---
MW-10D	681,327.13	1,418,119.07	772.04	80.4 - 85.4	75.0
MW-11S	682,062.41	1,411,706.21	884.99	37 - 52	---
MW-11D	682,060.69	1,411,710.71	884.67	85.5 - 90.5	81.0
MW-12S	683,414.08	1,410,714.04	871.86	7 - 22	---
MW-12D	683,409.20	1,410,712.50	871.88	90 - 95	94.0
MW-13S	685,021.83	1,410,462.33	847.49	3 - 18	---
MW-13D	685,017.16	1,410,464.23	847.05	41.5 - 46.5	36.0
MW-14S	683,629.12	1,416,995.37	811.29	28 - 43	---
MW-14D	683,626.47	1,416,999.23	811.43	55 - 60	50.0

- NOTES:
- COORDINATES SHOWN ARE BASED ON THE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM.
 - ELEVATIONS SHOWN ARE REFERENCED TO THE MEAN SEA LEVEL DATUM.
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 - INTERSECTING WELL LOCATIONS ARE OBTAINED FROM DUKE ENERGY PER AS-BUILT SURVEY MAP DATED 04/11/2014.
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 - TOP OF ROCK ELEVATION IS OBTAINED FROM WELL INSTALLATION REPORT WACR PROJECT NO. 0228-10-2248.
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- NOTES:
- PARCEL DATA FOR THE SITE WAS OBTAINED FROM DUKE ENERGY REAL ESTATE AND IS APPROXIMATE.
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SHEET NO. **1** OF **2**

ASH BASIN COMPLIANCE GROUNDWATER MONITORING WELLS

DUKE ENERGY MARSHALL STEAM STATION
CATAWBA COUNTY, NORTH CAROLINA

REV.	DATE	DESCRIPTION	BY	CHK	APP
0	04/07/11	SUBMITTED TO NCDENR	PD	MMH	JDL

ALTAMONT ENVIRONMENTAL, INC.

ENGINEERING & HYDROGEOLOGY

231 HAYWOOD STREET, ASHEVILLE, NC 28801
TEL: 828.281.3350 FAX: 828.281.3351
WWW.ALTAMONTENVIRONMENTAL.COM

DESIGNED BY: PAUL POW
PROJECT MANAGER: BILL HILLER
CLIENT: DUKE ENERGY

SCALE (FEET)
250' 0" 500'

DATE: 4/7/11

LEGEND:

- DUKE ENERGY PROPERTY BOUNDARY
- COMPLIANCE BOUNDARY
- COMPLIANCE BOUNDARY CONCENTRIC WITH DUKE ENERGY PROPERTY BOUNDARY
- WASTE BOUNDARY
- STRUCTURAL FILL, ASBESTOS LANDFILL, DECONTAMINATION LANDFILL, ASH LANDFILL, FGD LANDFILL (APPROXIMATE)
- LANDFILL COMPLIANCE BOUNDARY
- TOPOGRAPHIC CONTOUR
- COMPLIANCE GROUNDWATER MONITORING WELL
- LANDFILL GROUNDWATER MONITORING WELLS
- SURFACE WATER SAMPLE LOCATION - LANDFILL

LAKE NORMAN
DUKE ENERGY CATAWBA-WATEREE PROJECT
FERC PROJECT NO. 2232