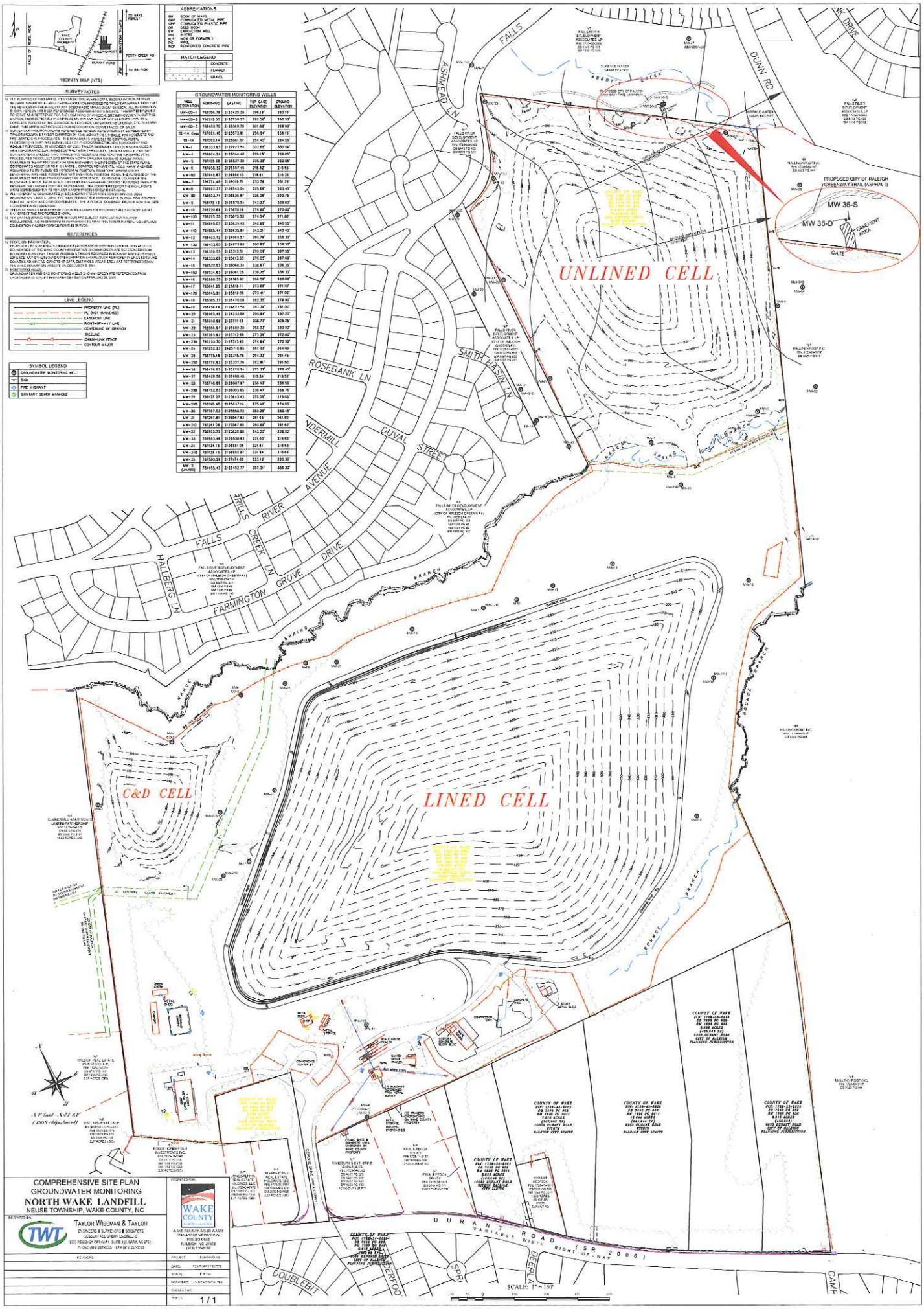

VICINITY MAP (NTS)

ABBREVIATIONS

BM	BOOK OF MAPS
CMP	CORRUGATED METAL PIPE
CPP	CORRUGATED PLASTIC PIPE
DB	DEED BOOK
EW	EXTRACTION WELL
RVT	RIVET
N/F	NOW OR FORMERLY
PG	PAGE
RCP	REINFORCED CONCRETE PIPE

HATCH LEGEND

	CONCRETE
	ASPHALT
	GRAVEL

SURVEY NOTES

1) THE PURPOSE OF THIS MAP IS TO GRAPHICALLY ILLUSTRATE DATA & RECOMMENDATIONS WITHIN THIS REPORT AND ITS CERTIFICATION IS PROVIDED TO TAYLOR WISEMAN & TAYLOR AT THE REQUEST OF THE WAKE COUNTY SOLID WASTE MANAGEMENT DIVISION. ALL INFORMATION SHOWN HEREON IS FOR THE EXCLUSIVE USE OF THE WAKE COUNTY SOLID WASTE MANAGEMENT DIVISION AND IS NOT INTENDED FOR THE USE OR RELIANCE BY ANY OTHER PERSONS OR ENTITIES. THIS MAP IS NOT INTENDED FOR RECORDATION, CONVEYANCES OR SALES.

2) SURVEY CONTROL WAS ESTABLISHED USING REAL-TIME KINEMATIC GPS OBSERVATIONS REFERENCED TO NAD 83/2011 (EPOCH 2010.00). ALL DISTANCES, BEARINGS, AND COORDINATES SHOWN HEREON ARE GRID VALUES. THE MAP UNIT IS U.S. SURVEY FEET. ELEVATIONS ARE BASED ON NAVD 88 AND WERE DERIVED BY GPS OBSERVATIONS. THE COMBINED GRID FACTOR USED FOR THIS SURVEY WAS 0.99985211. ALL DISTANCES SHOWN ARE GROUND DISTANCES.

3) THE BOUNDARY SHOWN HEREON IS BASED ON A FIELD SURVEY PERFORMED BY TAYLOR WISEMAN & TAYLOR IN MARCH OF 2020. THE BOUNDARY WAS ESTABLISHED USING CONVENTIONAL AND GPS SURVEY METHODS. THE ACCURACY OF THE BOUNDARY SURVEY MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS A HORIZONTAL SURVEY AS SPECIFIED IN THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600). THE PRECISION OF THE MONUMENTS AND OTHER PHOTOGRAMMETRIC REFERENCE, BUILDING & CULVERT TIE THE BOUNDARY SURVEY FROM WHICH THE PLAT WAS PREPARED GROSS MISCLOSURE WAS LESS THAN ONE FOOT IN 10,000 FEET. THE PLAT WAS PREPARED USING THE STANDARDS SET FORTH IN 21 NCAC 56.1600.

4) ALL HORIZONTAL COORDINATES ARE GRID VALUES BASED ON NAD 83/2011 (EPOCH 2010.00). ALL ELEVATIONS ARE BASED ON NAVD 88 AND WERE DERIVED BY GPS OBSERVATIONS. THE COMBINED GRID FACTOR USED FOR THIS SURVEY WAS 0.99985211. ALL DISTANCES SHOWN ARE GROUND DISTANCES. THE AVERAGE COMBINED FACTOR OVER THE SITE IS 0.99985211. ALL DISTANCES SHOWN ARE GROUND DISTANCES.

5) THIS PLAT SHOWS STREAMS AND WETLANDS AS DERIVED BY ANOTHER FIRM. ALL EASEMENTS OF RECORD AFFECTING THE PROPERTY ARE SHOWN.

6) THE LIMITING BOUNDARIES SHOWN HEREON ARE SUBJECT TO ANY AND ALL FEDERAL, STATE, AND LOCAL REGULATIONS. NO RESEARCH WAS PERFORMED BY THIS FIRM REGARDING SUCH LIMITATIONS AND/OR ENCUMBRANCES AS MAY BE IMPOSED THEREBY.

REFERENCES

1) RECORDED INSTRUMENTS:
PROPERTY LINES, BEARINGS, DISTANCES AND AREAS SHOWN HEREON FOR ADJACENT TRACTS OF LAND ARE BASED ON THE RECORD DESCRIPTIONS AND PLATS AS SHOWN ON THE RECORDED PLANS AND MAPS REFERENCED HEREIN. THE BOUNDARY SURVEY OF THE WAKE COUNTY PROPERTIES AS SHOWN HEREON WERE PERFORMED FROM BOUNDARY SURVEY BY TAYLOR WISEMAN & TAYLOR RECORDED IN BOOK OF MAPS 2019 PAGES 421 & 422, AND BY US SURVEY BEGINNING IN 2020 AS SHOWN HEREON. THE LOCATIONS OF EASEMENTS, COUNTRY ROADS, RIGHTS-OF-WAYS, DITCHES, CREEKS, AREAS ETC.) ARE REFERENCED FROM THE WAKE COUNTY GIS WEBSITE ON DECEMBER 2, 2021.

2) MONITORING WELLS:
GROUNDWATER AND GAS MONITORING WELLS SHOWN HEREON ARE REFERENCED FROM A SURVEY PERFORMED BY TAYLOR WISEMAN & TAYLOR ON JULY 21, 2020.

LINE LEGEND

- PROPERTY LINE (PL)
- PL (NOT SURVEYED)
- EASEMENT LINE
- RIGHT-OF-WAY LINE
- CENTERLINE OF BRANCH
- TREELINE
- CHAIN-LINK FENCE
- CONTOUR MAJOR

SYMBOL LEGEND

- GROUNDWATER MONITORING WELL
- SIGN
- FIRE HYDRANT
- SANITARY SEWER MANHOLE

GROUNDWATER MONITORING WELLS

WELL DESIGNATION	NORTHING	EASTING	TOP CASE ELEVATION	GROUND ELEVATION
MW-GD-1	766056.78	2132420.38	298.19'	295.13'
MW-GD-2	766315.30	2132758.57	292.56'	290.20'
MW-GD-3	766453.70	2133368.76	301.32'	298.60'
TB-1A deep	767099.40	2135573.61	256.04'	256.15'
TB-1A	767093.14	2135561.87	254.46'	254.53'
MW-1	766333.93	2132923.54	333.69'	330.84'
MW-4	766804.24	2136544.40	296.18'	294.85'
MW-5	767125.68	2136327.30	325.38'	322.85'
MW-6	767938.32	2136187.96	298.61'	296.02'
MW-8D	767949.87	2134998.10	318.61'	316.25'
MW-7	768774.48	2135019.71	333.76'	331.25'
MW-8	768032.37	2136743.04	329.46'	323.90'
MW-9D	768053.71	2136530.67	338.24'	333.75'
MW-9	768173.13	2136378.54	343.33'	339.60'
MW-10	768220.69	2134870.16	274.98'	272.06'
MW-10D	768225.35	2134870.52	274.54'	271.80'
MW-11	764919.07	2136134.42	342.66'	340.52'
MW-11D	764933.44	2136135.84	343.01'	340.40'
MW-12	766403.72	2134968.87	360.76'	358.30'
MW-13D	766433.90	2134773.68	360.83'	358.30'
MW-13	766359.53	2133313.51	370.08'	367.53'
MW-14	766333.69	2134513.00	350.93'	347.60'
MW-15	766320.53	2136066.36	338.47'	336.35'
MW-15D	766324.63	2136061.08	338.73'	336.30'
MW-16	765968.35	2136162.80	368.58'	362.82'
MW-17	765641.23	2135816.11	373.69'	371.10'
MW-17D	765645.31	2135819.36	373.41'	371.00'
MW-18	765085.37	2135470.00	382.35'	378.90'
MW-19	764458.18	2134423.58	383.79'	381.00'
MW-20	766165.49	2134333.80	350.93'	347.20'
MW-21	766042.69	2133711.69	308.77'	305.75'
MW-22	765968.97	2135389.30	358.03'	353.90'
MW-23	767165.92	2137312.66	273.26'	272.60'
MW-23D	767170.70	2137313.62	274.14'	272.50'
MW-24	767232.23	2137110.85	307.03'	304.30'
MW-25	765775.18	2133315.78	294.33'	291.45'
MW-25D	765779.63	2133317.76	293.61'	291.50'
MW-26	766478.63	2132970.24	275.37'	272.45'
MW-27	766128.58	2136588.48	315.54'	313.50'
MW-28	766748.66	2136007.67	338.43'	336.05'
MW-28D	766752.53	2136003.65	338.47'	336.75'
MW-29	766137.27	2135443.42	273.06'	270.60'
MW-29D	766140.40	2135437.14	276.42'	274.82'
MW-30	767197.03	2135558.73	350.28'	350.45'
MW-31	767297.81	2135587.53	361.63'	361.80'
MW-31D	767291.08	2135587.66	360.89'	361.60'
MW-32	766933.72	2135625.88	343.00'	339.30'
MW-33	766663.16	2136536.63	331.60'	328.85'
MW-34	767124.13	2136581.06	331.61'	328.63'
MW-34D	767129.15	2136583.97	331.84'	328.65'
MW-35	767580.34	2137174.02	333.12'	330.30'
MW-5 (ABAND)	764455.43	2133452.77	307.01'	304.30'

COMPREHENSIVE SITE PLAN
GROUNDWATER MONITORING
NORTH WAKE LANDFILL
NEUSE TOWNSHIP, WAKE COUNTY, NC

PREPARED BY:
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PREPARED FOR:
WAKE COUNTY
SOLID WASTE MANAGEMENT
A NEW COUNTY SOLID WASTE MANAGEMENT DIVISION
P.O. BOX 550
RAILEIGH, NC 27602
(919) 856-6190

PROJECT	[illegible]
DATE	FEBRUARY 17, 2022
SCALE	1" = 150'
DRAWN BY	[illegible]
CHECKED BY	
SHEET	1/1