

Permit No.	Date	DIN
44-03	December 11, 2015	25380



December 9, 2015

RECEIVED
December 10, 2015
Solid Waste Section
Asheville Regional Office



Mr. Allen Gaither, PE
Environmental Engineer
Division of Waste Management – Solid Waste Section
North Carolina Department of Environmental Quality
2090 US Highway 70
Swannanoa, North Carolina 28778

Re: Updated Facility Boundary Plat
Closed Francis Farm Landfill
Haywood County, North Carolina

Dear Mr. Gaither:

On behalf of Haywood County, please find attached, the updated Facility Boundary Plat for the closed Francis Farm Landfill. As part of the on-going Assessment of Corrective Measures, Haywood County has purchased three (3) of the adjacent properties totaling approximately 44.09 acres. This brings the total acreage within the facility boundary to 76.322 acres. We are requesting that the permitted Facility Boundary be revised to include the additional acreage as shown on the attached plat.

A new Landfill Gas Monitoring Plan was approved by Elizabeth Werner on November 25, 2015. As part of this plan, several existing landfill gas wells will be abandoned and new wells will be installed. Haywood County plans to begin implementation of the approved plan beginning next week. Once the new wells have been installed, we will survey the location and provide a new As-Built drawing for your records.

Allen, thank you for your assistance of this project. Please call me at 828-252-0575 should you have any questions or need any additional information.

Sincerely,
McGILL ASSOCIATES, P.A.

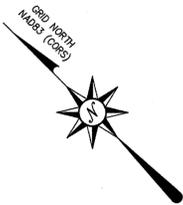
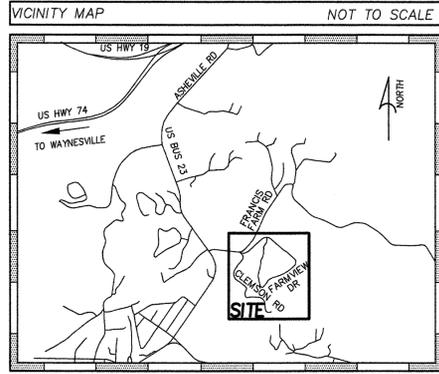
A handwritten signature in blue ink that reads "Mark D. Cathey".

MARK D. CATHEY, PE
Senior Project Manager

Attachment

cc: Mr. David Francis, Haywood County

P:\2015\15.00703\ag04dec15.docx



LINE TABLE		
LINE NO.	BEARING	DISTANCE
L1	N21°12'08"W	82.71'
L2	N39°16'22"E	118.47'
L3	N30°45'34"W	159.42'
L4	N84°45'18"E	295.95'
L5	N50°33'46"W	164.53'
L6	S57°02'40"W	224.38'

- LEGEND**
- NGS CM = NATIONAL GEODETIC SURVEY CONCRETE MONUMENT
 - △ CP = CALCULATED POINT
 - RBF = REBAR FOUND
 - RBS GPS = 1-1/2" REBAR SET GLOBAL POSITIONING SYSTEM
 - (C) = NC STATE PLANE GRID DISTANCE
 - (H) = HORIZONTAL GROUND DISTANCE
 - INDICATES PROPERTY LINE
 - - - INDICATES LINE NOT SURVEYED AT THIS TIME
 - · · INDICATES SEPARATION OF PLAT LINE
 - · · INDICATES INTERIOR PROPERTY LINE
 - · · INDICATES INTERIOR PROPERTY LINE
 - · · INDICATES FACILITY BOUNDARY LINE
 - · · INDICATES FIELD SURVEYED STREAM LINE ALONG RESOURCE RECOVERY FACILITY BOUNDARY
 - · · INDICATES TIE LINE
 - · · INDICATES APPROXIMATE WASTE LIMITS LINE
 - ▨ INDICATES BUILDING

ACREAGE TABLE	
HAYWOOD MSWLF FACILITY	76.322 ACRES

- SURVEY NOTES:**
- Field work completed: July 22, 2014
 - Office work completed: November 10, 2015
 - All coordinates shown are Horizontal Datum: NAD83(2011)
 - Vertical Datum: Haywood County localized datum
 - Areas computed by coordinate method.
 - Property shown hereon is subject to the rules, regulations, ordinances and/or jurisdictions of local, state, and/or federal agencies if any. The requirements of said rules, regulations, ordinances, and/or the limits of said jurisdictions are not shown hereon unless stated otherwise.
 - Underground installations or improvements including building foundations have not been located except as shown hereon.
 - Not all above ground improvements are shown.
 - All distances shown on this map are horizontal ground lengths unless otherwise noted. To convert to grid distances, multiply by the average combined scale factor of 0.999755639.
 - No missing corners were set by surveyor except as shown hereon as 'RBS'.
 - The purpose of this survey is to show the new location of the Haywood County MSW Landfill Facility boundary. The property corners shown on this plat were field located by McGill Associates and used to position Deed and Plat Descriptions for establishing this new Facility Boundary. Portions of this facility boundary have been previously surveyed and recorded in the office of the Register of Deeds for Haywood County, North Carolina.
 - This survey depicts both the boundary survey performed by McGill Associates and the calculated facility boundary lines as positioned from deed and plat information recorded in the office of the Register of Deeds for Haywood County, North Carolina. The facility boundary lines are clearly defined by a distinct linetype and are labeled with the source of the recorded information. The reference deeds and plats that comprise the facility boundary are listed on this plat. Misclosures for property lines as calculated from deed and plat information for all parcels was found to be less than 40 feet. The reference deeds and plats that comprise the facility boundary are listed on this plat.
 - Control coordinates as shown on this survey were derived from repeat observations utilizing the North Carolina RTK Network (NAD83, CORS).

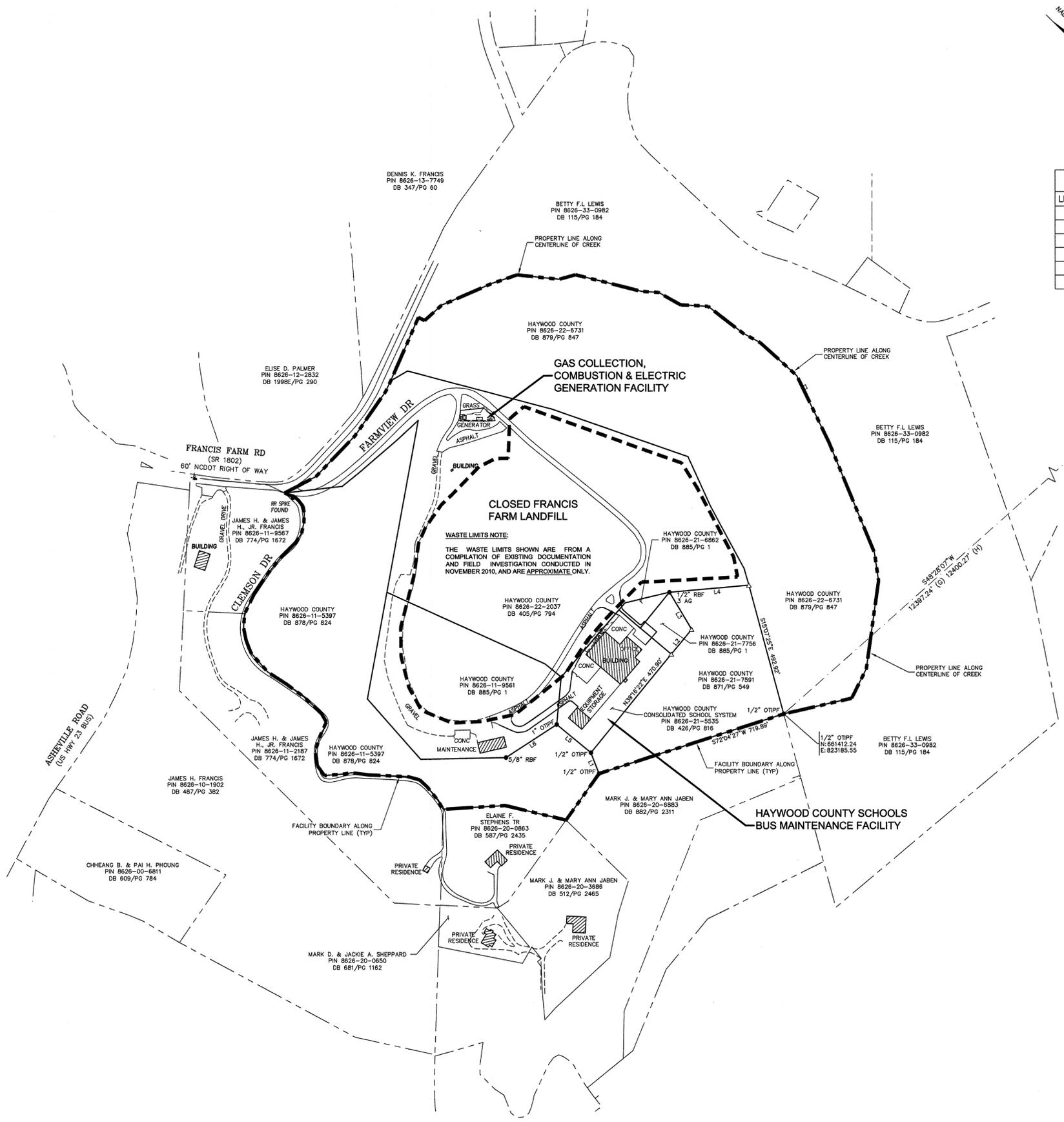
NOT FOR RECORDATION, CONVEYANCES, OR SALES

SURVEYOR'S CERTIFICATION

I, Christopher F. Jordan, certify that this plat was drawn under my supervision from deed description recorded in Book 426/Pg 794, Book 426/Pg 816, Book 871/Pg 549, Book 878/Pg 824, Book 879/Pg 847, Book 885/Pg 1, Plat Books CAB-67, CAB-687, CAB-5119, CAB-6697 and Plat Titled "HAYWOOD COUNTY CONSOLIDATED SCHOOL SYSTEM", dated September 9, 2014, By Clifford G. Sechser, PLS NO 3952, File Number 8626-08-13, that the ratio of precision as calculated meets or exceeds 1:10,000; that this plat was prepared in accordance with G.S. 47-30 section F-11-c1 and that the survey is of an existing parcel or parcels of land and does not create a new street or change an existing street. Witness my dated original seal and signature.



CHRISTOPHER F. JORDAN L-4956 November 10, 2015 DATE



RECORDED REFERENCES:

- DEED BOOKS:
- DB 115/PG 184
- DB 882/PG 2311
- DB 512/PG 2455
- DB 878/PG 824
- DB 681/PG 1162
- DB 609/PG 784
- DB 487/PG 382
- DB 774/PG 1672
- DB 878/PG 824
- DB 885/PG 1
- DB 405/PG 794
- DB 871/PG 549
- DB 879/PG 847
- DB 426/PG 816
- DB 367/PG 62
- DB 407/PG 794
- DB 413/PG 984
- DB 426/PG 810
- DB 347/PG 60
- DB 1998E/PG 290

- PLAT BOOKS:
- CAB-67
- CAB-687
- CAB-5119
- CAB-6697

UNRECORDED PLATS:
PLAT TITLED "HAYWOOD COUNTY CONSOLIDATED SCHOOL SYSTEM", DATED SEPTEMBER 9, 2014 BY CLIFFORD G. SECHSER, PLS NO 3952, FILE NUMBER 8626-08-13

OVERALL BOUNDARY



NO.	DATE	BY	REVISION DESCRIPTION



CLOSED FRANCIS FARM LANDFILL PERMIT MODIFICATION
HAYWOOD COUNTY
 HAYWOOD COUNTY, NORTH CAROLINA

JOB NO.: 15-148 / 15.00703
 DATE: OCT. 2015
 DESIGNED BY: CFJ
 CADD BY: GHW
 DESIGN REVIEW: DGG
 CONST. REVIEW: N/A
 PLAT.DWG

FACILITY BOUNDARY PLAT

FIGURE V-101

R:\Jobs\2015\15-148 Francis Farm Landfill Facility Boundary\Output\Plat.dwg 11/10/2015 9:55 AM GORDON WILSON