

HAYWOOD COUNTY  
 CAPITAL PROJECT ORDINANCE BUDGET AMENDMENT  
 FISCAL YEAR 2019-2020

PER: \_\_\_\_\_  
 JNL: \_\_\_\_\_

BE IT ORDAINED by the Board of Commissioners of Haywood County that the following amendment be made to the capital project ordinance for the fiscal year ending June 30, 2020.

Section 1. To amend the Capital Project Fund - Solid Waste construction projects, the expenditures are to be charge as follows:

Line Item	Account Number	Current Budget	Increase (Decrease)	Amended Budget
Francis Farm Landfill C.A.P.				-
Engineering & desing	434727-519400-17CAP	114,400	27,200	141,600
				-
				-

which will result in a net increase of \$ 27,200 in the expenditures of the Capital Project Fund.

To provide the additional revenue for the above, the following revenues will be increased as the money has been received:

Revenue	Acct. No.	Current Budget	Increase (Decrease)	Amended Budget
Transfer from SR fund- SW MGT.	430110-498224-17CAP	309,400	27,200	336,600
				-
			<u>27,200</u>	-

Section 2. Copies of this amendment shall be delivered to the Budget Officer and the Finance Officer for their direction.

Adopted this the \_\_\_\_\_ of \_\_\_\_\_, 2019.

\_\_\_\_\_  
 Chairman  
 Haywood County Board of Commissioners

ATTEST:

\_\_\_\_\_  
 Clerk to the Board

Explanation:
To increase the engineering and design fees to cover the additional expense for the new access road across the stream at Ratcliffe Cove.



May 8, 2019

Mr. David B. Francis  
Program Administrator  
Office of County Manager  
215 North Main Street  
Waynesville, North Carolina 28746

RE: Additional Services  
Corrective Action Plan  
Francis Farm Landfill, Permit #44-03  
Haywood County, North Carolina

Dear Mr. Francis:

McGill Associates is working to complete the Corrective Action Plan for the Francis Farm Landfill as outlined in our approved proposal dated May 26, 2017. During the engineering design process, the decision was made to include a new access road to serve the former Betty Lewis property. The construction of the access road will cross Ratcliffe Cove Stream and require an additional stream crossing permit. The design and permitting of the access road was not included in our original proposal and we request that our work associated with the new access road and stream crossing permitting be considered as additional services as outlined in our Consulting Services Agreement.

Per our recent discussions, we understand that the County would like to pursue installing a new access road to the former Betty Lewis parcel adjacent to the Francis Farm Landfill in conjunction with the implementation of the Corrective Action Plan. The construction of the access road will require permits from the United States Army Corps of Engineers (USACE) and the North Carolina Department of Environmental Quality (NCDEQ), Division of Water Resources (DWR) for the permanent impact to Ratcliffe Cove Branch. In addition, permits are required from the NCDEQ-Land Quality Section for the erosion control measures, and from the North Carolina Department of Transportation (NCDOT) for a driveway/encroachment permit.

In general, the construction of the access road will require that a culvert or culverts be placed in Ratcliffe Cove Branch and wing walls be installed at both the upstream and downstream ends of the culvert(s). The stream crossing will be spaced to allow for a 24-foot roadway with 10-foot shoulders on both sides of the road. The shoulder widths will narrow to 6-feet as the roadway passes the end of the wing walls. The culvert(s) will be sized to pass the 100-year storm event. The anticipated permanent impact to Ratcliffe Cove Branch will be approximately 80 linear feet, which includes the length of the culvert(s) plus anti-scour measures on the up and down-stream ends of the culvert(s).

McGill Associates proposes that the development of the plans for the stream crossing consists of a permitting phase and a construction design phase, as outlined below. The construction bid documents for the stream crossing will be incorporated into the bid documents for the Corrective Action Plan.

Based on the above information and our knowledge of the site, we propose to perform this work as outlined in the proposed scope of services below:

**Permitting**

1. Meet with a representative of the USACE and/or the DWR to perform a jurisdictional delineation of the stream and any potential wetlands, and identify important matters related to the project.
2. Submit the necessary Pre-Construction Notification form to the USACE and the DWR.
3. Work with the appropriate Federal/State agencies in order to obtain the necessary 404/401 permits for the stream impact.
4. Conduct topographic and a detailed location survey of the stream crossing area in order to define the stream thalweg and width, locate any utilities within the project area, and define the right of way. Cross-sections of the stream will be performed at the location of the wing walls, up and down-stream of the culvert(s), and at the center of the proposed access drive. The preliminary centerline of the access road will be staked out.
5. Incorporate the necessary erosion control measures for the stream crossing into the overall Erosion Control Plan for the implementation of the Corrective Action Plan. Secure permit from the NCDEQ, Land Quality Section.
6. Obtain the driveway/encroachment permit from the NCDOT.

**Construction Design**

1. Continue to work with County personnel to finalize the design parameters for the project.
2. Prepare construction bid documents for the construction of the stream crossing. Construction bid documents will include construction drawings, technical specifications, and bidding documents to delineate the proposed construction.
3. Prepare construction cost estimate.
4. Submit drawings to the County for review and comment prior to inclusion in the Corrective Action Plan bid documents.
5. Incorporate the finalized bid documents into the overall bid package for the Corrective Action Plan.

**Proposed Fees**

Based on the above outlined additional items, we request that the fee for the Corrective Action Plan be increased by the following lump sum fees:

Ratcliffe Cove Branch Stream Crossing	
Permitting	\$15,800.00
Construction Design	11,400.00

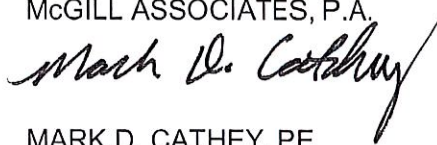
**Assumptions**

Our lump sum fees above are based on the following assumptions:

1. Construction administration for the work associated with the stream crossing will be performed concurrently with the construction administration for the Corrective Action Plan.
2. We have assumed that the proposed stream crossing project will not require the preparation of an Environmental Impact Statement in accordance with State Environmental Policy Act (SEPA) and therefore our fee does not include the cost for preparation.
3. Our fees do not include geotechnical borings or evaluation. We understand that any geotechnical or structural stability evaluations, if necessary, will be completed by Bunnell-Lammons Engineering (BLE) under a separate contract or by the contractor selected to construct the crossing.
4. All permitting fees associated with permitting of the stream crossing will be paid directly by the County.
5. An independent erosion control plan submittal for the stream crossing is not included in this proposal. The erosion control plan will be incorporated in the Corrective Action Plan project.

Mr. Francis, we appreciate the opportunity to continue our relationship with Haywood County and look forward to assisting you with this project. Our current Agreement for Engineering Services dated January 4, 2016 will govern the execution of this scope of services, unless McGill is otherwise notified. If this proposal is acceptable, please execute the proposal acceptance and return a copy for our records. Please give me a call if you have any questions.

Sincerely,  
McGILL ASSOCIATES, P.A.



MARK D. CATHEY, PE  
Asheville Office Manager

ACCEPTED:

Name

Title

Date

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\_\_\_\_\_  
\_\_\_\_\_

FOR 2020 02

ACCOUNTS FOR:	ORIGINAL	TRANFRS/	REVISED			AVAILABLE	PCT
43 C/P - SOLID WASTE/LANDFILL	APPROP	ADJSTMTS	BUDGET	YTD ACTUAL	ENCUMBRANCES	BUDGET	USED
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430110 OTHER FINANCING SOURCES							
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430110 498224 17CAP TRFS FROM S/	-258,000	-51,400	-309,400	-309,400.00	.00	.00	100.0%
TOTAL OTHER FINANCING SOURCES	-258,000	-51,400	-309,400	-309,400.00	.00	.00	100.0%
434727 FFLF CORR ACTION PLAN-CAP							
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434727 519400 17CAP PROF SRVS-E	63,000	51,400	114,400	109,161.46	5,065.85	172.69	99.8%
434727 519404 17CAP PROF SRVS-EN	195,000	0	195,000	161,700.00	33,300.00	.00	100.0%
TOTAL FFLF CORR ACTION PLAN-CAP	258,000	51,400	309,400	270,861.46	38,365.85	172.69	99.9%
TOTAL C/P - SOLID WASTE/LANDFILL	0	0	0	-38,538.54	38,365.85	172.69	100.0%
TOTAL REVENUES	-258,000	-51,400	-309,400	-309,400.00	.00	.00	
TOTAL EXPENSES	258,000	51,400	309,400	270,861.46	38,365.85	172.69	

FOR 2020 02

ACCOUNTS FOR:	ORIGINAL	TRANFRS/	REVISED			AVAILABLE	PCT
24 S/R-SOLID WASTE FEES	APPROP	ADJSTMTS	BUDGET	YTD ACTUAL	ENCUMBRANCES	BUDGET	USED
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249840 TRANSFERS TO CAPITAL PROJ FUND							
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249840 598043 TRFS TO C/P FD SO	1,800,000	0	1,800,000	.00	.00	1,800,000.00	.0%
TOTAL TRANSFERS TO CAPITAL PROJ FUND	1,800,000	0	1,800,000	.00	.00	1,800,000.00	.0%
249910 CONTINGENCY							
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249910 599100 CONTINGENCY	300,000	0	300,000	.00	.00	300,000.00	.0%
TOTAL CONTINGENCY	300,000	0	300,000	.00	.00	300,000.00	.0%
TOTAL S/R-SOLID WASTE FEES	0	0	0	387,276.72	3,108,536.59	-3,495,813.31	100.0%
TOTAL REVENUES	-6,412,958	0	-6,412,958	-76,003.39	.00	-6,336,954.61	
TOTAL EXPENSES	6,412,958	0	6,412,958	463,280.11	3,108,536.59	2,841,141.30	