LANCE R. LEFLEUR
DIRECTOR

KAY IVEY
GOVERNOR

Alabama Department of Environmental Management
adem.alabama.gov

1400 Coliseum Blvd. 36110-2400 • Post Office Box 301463
Montgomery, Alabama 36130-1463
(334) 271-7700 • FAX (334) 271-7950

CATEGORICAL EXCLUSION FROM ENVIRONMENTAL REVIEW

Arab Water Works Board
Marshall County

SRF Project No. FS010259-01

November 3, 2020

The Alabama Department of Environmental Management has made $3,854,000 in financial assistance available to the Arab Water Works Board using funds from the Drinking Water State Revolving Fund (DWSRF) loan program. In accordance with State and Federal regulations that govern the program, the Alabama Department of Environmental Management has conducted a review to assess the potential impacts upon the environment that may result from implementation of this project.

The Arab Water Works Board proposes a project to provide improved drinking water distribution reliability within its water system. The proposed project will consist of system-wide rehabilitation of multiple drinking water storage tanks. In addition, installation of a new high service pump with VFD (variable frequency drive) controls as well as replacement of the existing filtration and flocculation equipment will be performed at the Arab WTP (Water Treatment Plant). Various booster pumping stations will also be rehabilitated system-wide, including retrofitting with VFD controls for increased operational efficiency. Completion of these improvements will extend the useful life of the water system's existing water storage facilities and increase the system's ability to meet current and future water supply demands.

The Alabama Department of Environmental Management has determined that the project qualifies for a Categorical Exclusion (CE) from further environmental study under the guidelines specified by the State Environmental Review Process (SERP) which specifically include actions which are solely directed toward minor rehabilitation of existing facilities, functional replacement of equipment, or towards the construction of new ancillary facilities adjacent or appurtenant to existing facilities. However, this decision may be reconsidered if significant adverse information concerning the potential environmental impacts of the project is discovered.

Comments relative to this project should be submitted in writing to Ms. Corynella L. Price, SRF Section, Permits & Services Division, Alabama Department of Environmental Management, P.O. Box 301463, Montgomery, Alabama 36130-1463, no later than 30 days after the date of public notice. The Alabama Department of Environmental Management will not take formal action to proceed with the project without carefully evaluating any public comments opposing the project.

Lance R. LeFleur
Director

LRL/EJR/CLP/kbh
Attachment

Arab Water Works Board
SRF# FS010259-01

The Categorical Exclusion is promulgated in the State Environmental Review Process (SERP) in Part IV, Section C: Categorical Exclusions for Drinking Water State Revolving Fund Projects: (Italicized sections apply.)

1. The following drinking water projects are eligible for categorical exclusions:

    a. *Actions intended solely for minor rehabilitation, functional replacement, or ancillary facilities adjacent or appurtenant to existing facilities.*

    b. Minor construction, including:
        a. New wells or replacement wells for water supply purposes if ancillary to the existing system;
        (2) Improvements not intended to increase capacity of the system;
        b. Facilities for the disinfection of public water supplies;
        c. Facilities such as looping that will result solely in the provision of adequate public water system pressure;
        d. Construction of water tanks;
        e. Construction of new water lines in previously disturbed areas within one mile of the existing distribution system.

    c. Projects where funding is being provided for planning and/or engineering costs only (in which case the requirements of IV.C.1.a-d do not apply).

2. In order to determine if a drinking water project is eligible for a CE, all of the following must <u>not</u> apply:

    a. The action is known or expected to directly or indirectly adversely impact any of the following:
        a. Cultural or historical resources;
        b. Endangered or Threatened Species and/or their critical habitats;
        c. Environmentally important natural resource areas such as floodplains, wetlands, prime agricultural land, or aquifer recharge zones.

    b. The action is not cost effective.
    c. The action will cause significant public controversy.
    d. The action will create a new or expanded surface drinking water source.

This project complies with the above requirements and has been determined to be eligible for a Categorical Exclusion.

ALABAMA HISTORICAL COMMISSION

468 South Perry Street
P.O. Box 300900
Montgomery, Alabama 36130-0900
334-242-3184 / Fax: 334-240-3477

Lisa D. Jones
Executive Director
State Historic Preservation Officer

October 2, 2018

SRF Section
MAY 07 2019
Permits & Services
Division

Brittany Israel, PE
Goodwyn Mills Cawood
6120 Powers Ferry Road NW
Suite 350
Atlanta, GA 30339

Re: AHC 18-1371
Arab Works Board Water System Improvements
Marshall and Morgan Counties

Dear Ms. Israel:

Upon review of the above-referenced project forwarded by your office, we have determined that project activities will have no effect on any cultural resources listed on or eligible for the National Register of Historic Places. Therefore, we concur with the proposed project activities.

However, should artifacts or archaeological features be encountered during project activities, work shall cease and our office shall be consulted immediately. Artifacts are objects made, used or modified by humans. They include but are not excluded to arrowheads, broken pieces of pottery or glass, stone implements, metal fasteners or tools, etc. Archaeological features are stains in the soil that indicate disturbance by human activity. Some examples are post holes, building foundations, trash pits and even human burials. **This stipulation shall be placed on the construction plans to insure contractors are aware of it.**

We appreciate your commitment to helping us preserve Alabama's historic archaeological and architectural resources. Should you have any questions, please contact Amanda McBride at 334.230.2692 or Amanda.McBride@ahc.alabama.gov. Have the AHC tracking number referenced above available and include it with any future correspondence.

Sincerely,

Lee Anne Wofford

Lee Anne Wofford
Deputy State Historic Preservation Officer

LAW/EDS/amh

DEPARTMENT OF THE ARMY
NASHVILLE DISTRICT, U.S. ARMY CORPS OF ENGINEERS
WEST REGULATORY FIELD OFFICE
2424 DANVILLE ROAD SW, SUITE-N
DECATUR, AL 35063

SRF Section
MAY 20 2020
Permits & Services
Division

15 April 2020

SUBJECT: File No. LRN-2020-00380; Arab Water System Improvements Project; Tennessee River Mile 319.1 Left Bank, Marshall County, AL.

Mr. Stuart Blackwell
Goodwyn Mills Cawood
2701 1st Ave South, Suite 100
Birmingham, AL 35233

Dear Mr. Blackwell:

This is in response to your May 1, 2019 request for our comments regarding the subject project.

The U.S. Army Corps of Engineers (USACE) has regulatory responsibilities pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344). Under Section 10, the USACE regulates all work in, or affecting, navigable waters of the U.S. Under Section 404, the USACE regulates the discharge of dredged and/or fill material into waters of the U.S. (33 CFR Part 328).

A review of the information provided indicates the subject activity would not involve work in wetlands/waters of the U.S.; therefore, a Department of the Army permit would not be required.

We understand the project proposal may not have specific design plans at this time, and this inquiry is an initial review to obtain grant funds. We have no objections to the applicant receiving grant funds for the proposal.

If you have questions regarding this matter, please contact Eric Sinclair at the above address or telephone (256) 350-5620. Thank you for the opportunity to review and comment on this proposed project.

Sincerely,

Eric Sinclair

William E Sinclair
Regulatory Project Manager
Regulatory Division
U.S. Army Corps of Engineers

TA/JR
2018-TA-1263

GMC

Goodwyn Mills Cawood

6120 Powers Ferry Road NW
Suite 350
Atlanta, GA 30339

T (770) 952-2481
F (770) 955-1064

www.gmcnetwork.com

RECEIVED
AUG 30 2018
BY: VAS

August 28, 2018

Mr. Bill Pearson
U.S. Department of Interior Fish and Wildlife Service
1208-B Main Street
Daphne, AL 36526

SRF Section
MAY 07 2019
Permits & Services
Division

RE: Request for Concurrence
Arab Water Works Board Water System Improvements
Arab, Alabama

Dear Mr. Pearson,

The Arab Water Works Board is applying for USDA Rural Development funding to conduct upgrades to existing facilities in the water system. Goodwyn, Mills and Cawood, Inc. (GMC) is in the process of performing an environmental evaluation pursuant to the National Environmental Policy Act to be used by the USDA in order to assess the environmental impacts of the proposed project. As part of this review, the Arab Water Works Board is seeking concurrence under the Federal Endangered Species Act of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.) for the project above.

The project site is located at various locations throughout the system including the following:

- 3.2-Million-Gallon Union Hill Tank – This tank is located off Dunn Road just north of the Apple Grove Road intersection northwest of the town center of Arab (34°29'17"N 86°36'46"W)
- Terrell Hill Booster Pump Station – This booster pump station is located off of Heart of Dixie Highway approximately 1.5 miles south of the County Road 240 intersection (34°26'54"N 86°33'12"W)
- 500,000-Gallon Mountain View Tank – This tank is located off Mountain View Road approximately 0.3-miles west of Heart of Dixie Highway (34°25'13"N 86°30'52"W)
- 6 Million-Gallon Water Tank – This tank is located off Mat Morrow Drive approximately 1-mile east of Heart of Dixie Highway (34°22'29"N 86°31'05"W)
- 500,000-Gallon 12th Avenue Tank – This tank is located off 12th Avenue NE in the southwest quadrant of the 4th street NE intersection (34°20'09"N 86°29'27"W)
- 100,000-Gallon Conoco Tank – This tank is located off 5th Avenue NW just west of the 5th Street NE intersection (34°19'23"N 86°30'06"W)
- 500,000-Gallon Mountain Gap Tank – This tank is located off Highway 69 approximately 0.4-miles east of the Georgia Mountain Road Intersection (34°21'40"N 86°23'07"W)
- Arab Water Treatment Plant – This tank is located off Highway 69 approximately 0.4-miles east of the Georgia Mountain Road Intersection (34°21'41"N 86°21'09"W)

To comply with the Federal Endangered Species Act of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), GMC respectfully requests that your office review the attached figures for any known federally listed endangered and/or threatened species and their habitats.

The majority of the project occurs in Marshall County with one of the tanks occurring in Morgan County. Due to the project consisting of minor upgrades/maintenance to existing facilities with no anticipated tree clearing or ground disturbance, it is our opinion that no listed species will be impacted for this project. If you concur that the implementation of the proposed project will have no effect on federally listed species or their habitats, please indicate your approval and return this document, or photocopy thereof, to GMC (fax: 770-955-1064). If you do not concur, please provide the requisite guidance for the proposed project. If you have any questions, please call me at (770)952-2481 or email at Brittany.Israel@gmcnetwork.com. Thank you for your assistance.

Sincerely,
GOODWYN, MILLS AND CAWOOD, INC.

Brittany M. Israel

Brittany Israel, PE
Environmental Engineer

U.S. Fish and Wildlife Service
1208-B – Daphne, Alabama 36526
Phone: 251-441-5181 Fax: 251-441-6222

No endangered or threatened species or critical habitat are known to occur in the project area. As described, the project will have no significant impact on fish and wildlife resources. IF PROJECT DESIGN CHANGES ARE MADE, PLEASE SUBMIT NEW PLANS FOR REVIEW.

William J. Pearson

SEP 12 2018

William J. Pearson, Field Supervisor Date # 2

TOP OF ALABAMA REGIONAL COUNCIL OF GOVERNMENTS

Area Agency on Aging • Economic Development District • Regional Planning Agency

Mary Caudle, *President*; Thornton Stanley, Jr., *Vice President*; Nancy Griggs, *Secretary*; Mike Ashburn, *Treasurer*; Helen Carter, *Ex-Officio*

Nancy D. Robertson – Executive Director

05/03/19

Ted Hyatt
Arab Water Works Board
526 Cullman Road
Arab, AL 35016

CLEARINGHOUSE MEMO

RE: Marshall County: *City of Arab*: *Arab Water Works Board:* Alabama Drinking Water State Revolving Fund (DWSRF): Loan Application:

The Clearinghouse of the Top of Alabama Regional Council of Governments' Board of Directors, in accordance with Executive Order 12372 and State Executive Order Eight, reviewed the above-referenced Action.

Per the submitted review materials, all of the proposed sites/upgrades and construction appear as in/on previously disturbed areas. The project will upgrade the Arab water system by: 1) renovations to five of the existing water storage facilities; 2) improvements to the Terrell Hill Booster Station along Highway 231, and, 3) the addition of a new finished water high service pump at the Arab WTP. In addition to following all associated ADEM and Federal Guidelines, Construction Best Management Practices (CBMPs) will be required to be provided and maintained by the Contractor, and will be included in the Construction Contract Documents.

The project is based on a professionally prepared engineering analysis, and this review assumes the above facts and, that the Project's associated EID finds that the execution of the above listed activities all meet ADEM/EPA environmental guidelines. As the project's activities will both upgrade the system's capacity, and enhance public health related reliability standards, deemed both a desirable and necessary action.

Each of these projects is consistent with the Board's long-term goal to provide safe and reliable water service to its customers while maintaining compliance with applicable environmental agency regulations. We therefore find that this project to be in conformance with, and support of, critical utility service needs recognized in utility planning efforts within the TARCOG region, and we concur with, and endorse this system upgrade project. If we can be of further assistance, please contact us.

Sincerely,

D. C. Schafer

Area-wide Clearinghouse

Cc: Russ Roberts, P.E.: Goodwyn, Mills and Cawood, Inc.

IMPROVING COMMUNITIES • TARCOG • FOR OVER 50 YEARS

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Michelle G. Jordan, AICP – Executive Director

08/26/20

Ted Hyatt
Arab Water Works Board
526 Cullman Road
Arab, AL 35016

CLEARINGHOUSE MEMO

RE: **Marshall County: City of Arab: Arab Water Works Board: Alabama Drinking Water State Revolving Fund (DWSRF): Loan Application:** *Revision/update of 2019 application EID to modify the original scope of work: removing improvements to the Terrell Hill BPS from the scope, and adding renovations to the existing filter basins and flocculators at the Arab WTP.*

On 08/25/20, the Clearinghouse of the Top of Alabama Regional Council of Governments' Board of Directors, in accordance with Executive Order 12372 and State Executive Order Eight, reviewed the 08/2020 Revised version of the 05/2020 Application for the above-referenced Action.

Per the submitted review materials, all of the proposed sites/upgrades and construction appear as in/on previously disturbed areas. The project will upgrade the Arab water system by: 1) renovations to five of the existing water storage facilities; and, 2) the addition of a new finished water high service pump , and needed renovations to the existing filter basins and flocculators at the Arab WTP. In addition to following all associated ADEM and Federal Guidelines, Construction Best Management Practices (CBMPs) will be required to be provided and maintained by the Contractor, and will be included in the Construction Contract Documents.

The project is based on a professionally prepared engineering analysis, and this review assumes the above facts and, that the Project's associated EID finds that the execution of the above listed activities all meet ADEM/EPA environmental guidelines. As the project's activities will both upgrade the system's capacity, and enhance public health related reliability standards, deemed both a desirable and necessary action.

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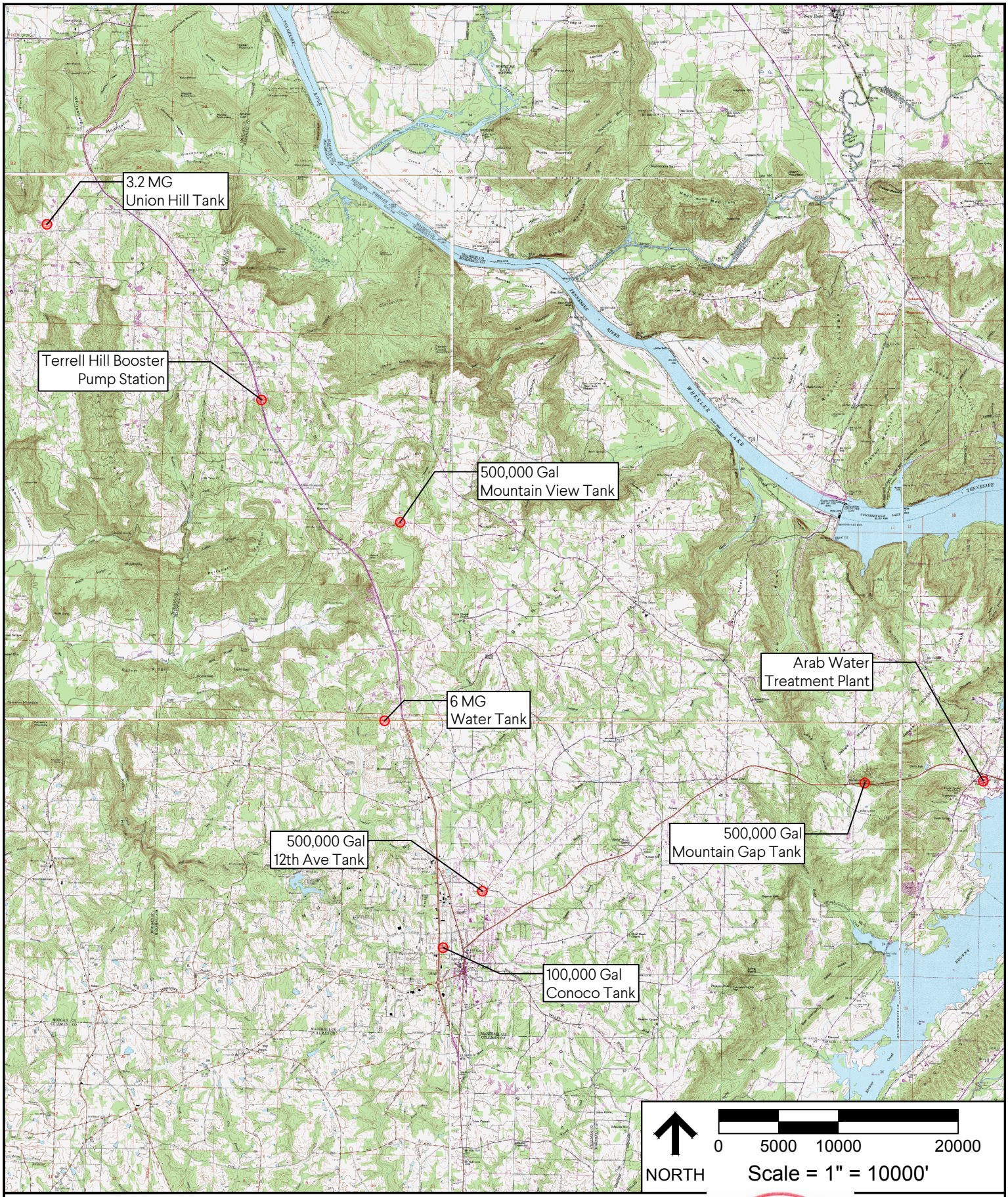
Sincerely,
D. C. Schafer
Area-wide Clearinghouse

Cc: Russ Roberts, P.E.: Goodwyn, Mills and Cawood, Inc.



REF. SHEET: USGS TOPOGRAPHIC QUADRANGLE MAPS
DESCRIPTION: ENVIRONMENTAL ASSESSMENT

CITY OF ARAB WATER WORKS BOARD
WATER SYSTEM IMPROVEMENTS
ARAB, MORGAN AND MARSHALL COUNTIES, ALABAMA

FIGURE 2
GENERAL LOCATION MAP

GMC #
DATE: 08/24/2018
DRAWN BY: SDD

2701 1st Avenu
Birmingham, Al
T 205.879.44
GMCNETWORK

SRF Section
MAY 07 2019
Permits & Services
Division

GMC