

Section 219 Environmental Infrastructure

New Start Information Sheet

Please fill in the blanks below:

Project Title: Madison County Environmental Infrastructure Project

Non-Federal Sponsor: _____, Madison County
(City/County/Other entity) (County)

Represented by Gerald Steen, District 3 Supervisor, Board President
(Name and tile of Mayor, Board Member or other Official)

The project will be constructed in: Madison County
(City/County/Other Jurisdiction)

This area is contained within U.S. Congressional District No. 2 & 3

Section 219 Project Point of Contact (name, title, phone number, email address):
Katy Breaux, Senior Project Manager

Non-Federal Sponsor Legal Counsel: Mike Espy

Non-Federal Chief Financial Officer: Na'Son White

PROJECT INFORMATION

Description of the Project (Please complete the following sentence):

The proposed work will include, but not be limited to, the design and construction of a project to . . .

rehabilitate and repair inflow and infiltration problem areas within the West Madison Utility District

wastewater collection system. Utilize H&H modeling to determine choke points in the Hanging Moss Creek

and Brashear Creek watersheds to construct watershed best management practices and detention

facilities

LERRDS (Land, Easements, Right-of-Way, Relocation, Displacements and Cost of Permits) (please include acreage & cost) [How much land needs to be acquired to construct the project and how much will it cost?] Please include a map of the project area including proposed access to project site and laydown areas if necessary. If no LERRDs are required, show ownership/ROW on the map:

To be determined during design phase

Provide preliminary engineering data used to develop cost estimate. USACE cost estimating will do a cost estimate for the letter report.

ESTIMATED FINANCIAL DATA:

Design Cost: \$427,883 total. \$200,000 for wastewater & \$227,883 for watershed

Construction Cost: estimated \$2,443,600 wastewater; \$2,461,750 for watershed improvements

The source of the non-Federal Sponsor's matching funds is:

General Fund

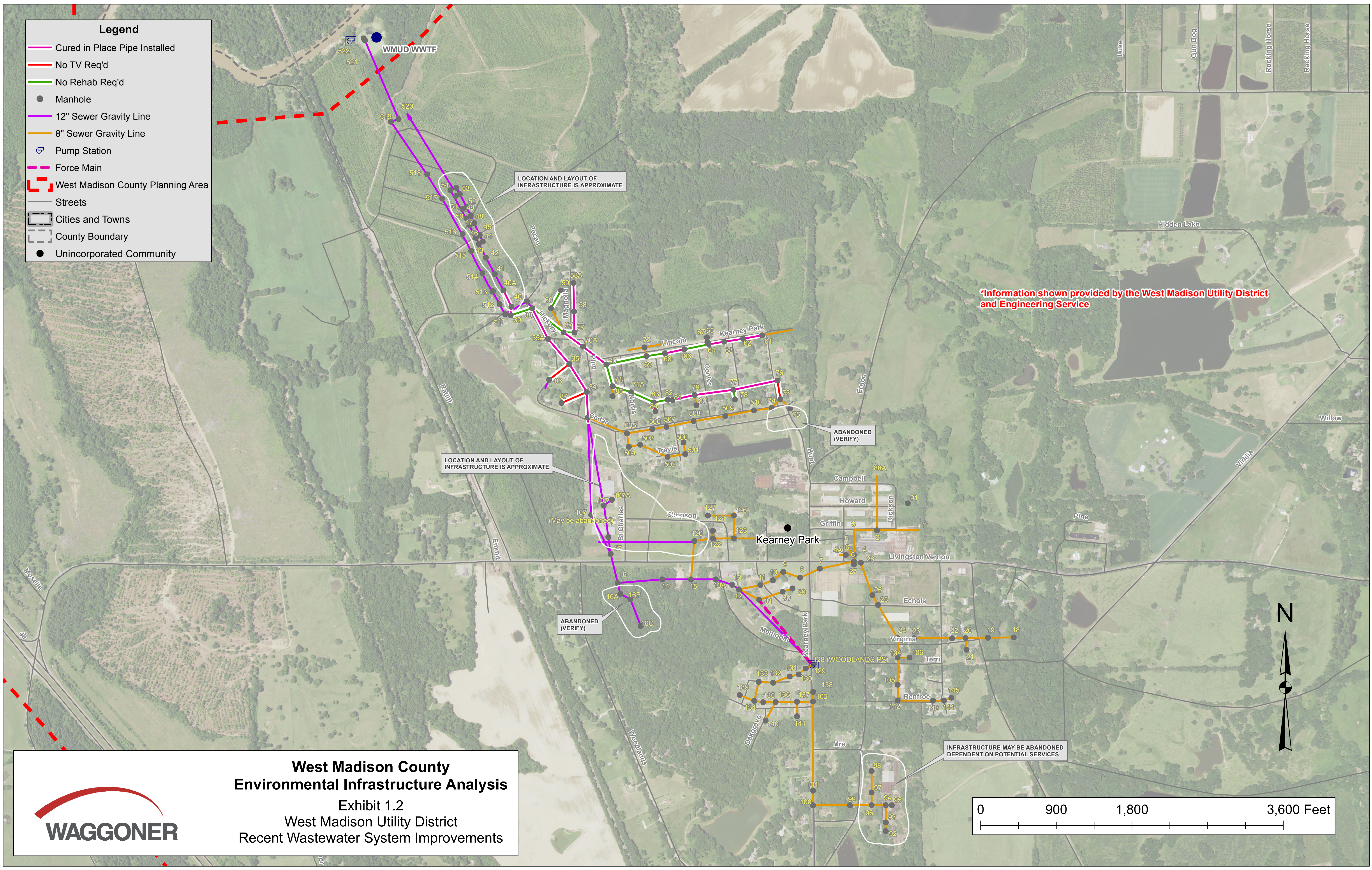
SCHEDULE: Estimated project duration is 8 months for design phase.

APPROVED BY _____ DATE:

(Name, Title)

Legend

- Cured in Place Pipe Installed
- No TV Req'd
- No Rehab Req'd
- Manhole
- 12" Sewer Gravity Line
- 8" Sewer Gravity Line
- Pump Station
- Force Main
- West Madison County Planning Area
- Streets
- Cities and Towns
- County Boundary
- Unincorporated Community



***Information shown provided by the West Madison Utility District and Engineering Service**

LOCATION AND LAYOUT OF INFRASTRUCTURE IS APPROXIMATE

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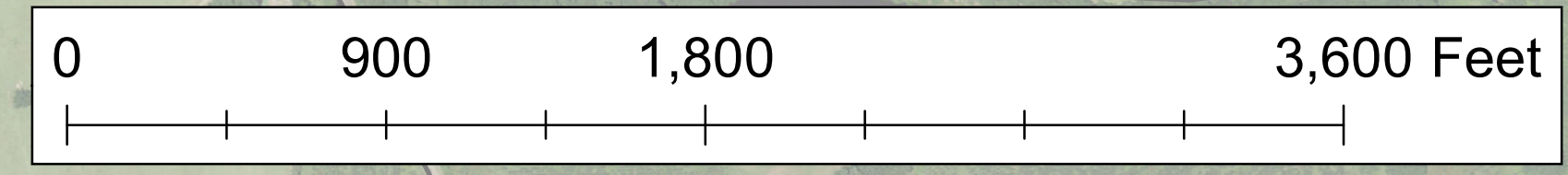
ABANDONED (VERIFY)

ABANDONED (VERIFY)

INFRASTRUCTURE MAY BE ABANDONED DEPENDENT ON POTENTIAL SERVICES



**West Madison County
Environmental Infrastructure Analysis**
Exhibit 1.2
West Madison Utility District
Recent Wastewater System Improvements





Legend

- Problematic Drainage Sites
- HUC 12 Watersheds
- ▭ Brashear Creek-Pearl River
- ▭ Hanging Moss Creek
- ▭ City of Ridgeland

Problematic Drainage Sites Within Municipality

Site ID	Site Description	Priority Level
3.101	Purple Creek Tributary 1	Medium
3.102	Richmond Grove	High
3.103	Purple Creek	High
3.104	Freedom Ridge Detention Basin	Medium

% of City in Flood Zone	Population Change (2000-2020)	# of Problematic Sites	# of Sites in Flood Zone	Change in Total Impervious Area (2001-2019)
19.3	18.9	4	3	8.35

Madison County Watershed-Based Stormwater Assessment & Management Plan



April 22, 2024

Colonel Christopher D. Klein
District Engineer
U.S. Army Corps of Engineers, Vicksburg District
ATTN: CEMVK-PP-D
4155 Clay Street
Vicksburg, Mississippi 39183-3435

Dear Colonel Klein:

The Madison County Board of Supervisors (MCBOS) appreciates your time in meeting with us on March 26, 2024 to discuss the Madison County 219 Program for Environmental Infrastructure. The Board requested assistance from the U.S. Army Corps of Engineers, Vicksburg District (Corps) in February 2023 for the allocation of funding to Madison County's environmental infrastructure priorities through the authorized Water Resources Development Act (WRDA) of 2022, Section 8375(a)(351) provision. With your support, we are pleased that Madison County received \$4 million through the FY 2024 Minibus Appropriations Bill for environmental infrastructure, to include wastewater collection system improvements in the West Madison Utility District (WMUD) and stormwater management initiatives within the Brashear Creek and Hanging Moss Creek priority watersheds.

The WMUD provides wastewater collection and treatment service to a community of low-to-moderate income customers within its service area. The existing collection system was installed in the 1940s and has deteriorated over time, resulting in significant infiltration and inflow (I&I) issues throughout the system. Investigation and evaluation have identified specific improvements to rehabilitate and repair problem areas within the WMUD collection system to reduce I&I.

In addition to the wastewater efforts, the MCBOS has prepared a comprehensive watershed-based stormwater program with emphasis on stormwater management throughout the County. The Madison County Watershed-Based Stormwater Management Program identifies elements which include mitigation of repetitive flooding with structural and non-structural measures, streambank restoration and erosion control in areas of excessive runoff, and enhancement of water quality in the southern area of the County in the Brashear Creek and Hanging Moss Creek Watersheds.

The Madison County Board of Supervisors intends to serve as the sponsor for this project, and we are aware that the Federal Share of this project is 75%. As the non-Federal sponsor, Madison County is capable of fulfilling the financial obligation of 25% of the total project cost, including providing lands, easements, rights-of-way, relocations, disposal areas, and other project eligible in-kind contributions. The Board also intends for the first increment project to include design and construction for the wastewater collection

system improvements in West Madison County and stormwater improvements within the Brashear Creek and Hanging Moss Creek Watersheds.

After review of the model Project Partnership Agreement (PPA), the Board has identified the following items for discussion and clarification regarding the articles referencing in-kind contributions by the Non-Federal Sponsor:

- Article I.F. defines, “in-kind contributions” as “those services undertaken, or materials provided by, the Non-Federal Sponsor after the date of approval of the Letter Report for the increment of work identified as being integral to the design or construction of that increment of work”. This clause affirms that the Non-Federal Sponsor can provide design and construction services for in-kind credit.
- Article II.C.2 states, “If providing in-kind contributions for an increment of work, the Non-Federal Sponsor shall obtain all applicable licenses and permits necessary for such work.” This sentence demonstrates that the Non-Federal Sponsor can provide in-kind work if they acquire the permits, etc.
- Article II.C.3. states, “After considering the estimated amount of credit that will be afforded to the Non-Federal Sponsor pursuant to paragraphs C.1. and C.2., above, the Government shall determine the estimated amount of funds required from the Non-Federal Sponsor to meet its minimum 25 percent cost share for the then-current fiscal year”. This sentence demonstrates that the cash amount to meet the 25% Non-Federal Share is determined after the amount of in-kind credit is estimated.
- Article V.A.3. states, “The Government shall include in construction costs for an increment of work and credit towards the Non-Federal Sponsor’s share of such costs, the costs of in-kind contributions performed by the Non-Federal Sponsor after the date of approval of the Letter Report for such work.” This clause indicates in-kind contributions can be performed by the Non-Federal Sponsor for credit after approval of the Letter Report.
- Article V.A.4. states, “In undertaking relocations and construction of in-kind contributions for an increment of work, the Non-Federal Sponsor shall comply with applicable Federal labor laws covering non-Federal construction.” This statement affirms that Non-Federal construction is allowed.

Madison County plans to utilize its engineering consultants to perform design services in accordance with Article I.F. of the model PPA as identified above. Therefore, we respectfully request further discussion regarding the requirements of in-kind contributions.

Your support and guidance are greatly appreciated by Madison County and we are grateful for our partnership. If additional information is needed, please contact Tim Bryan, P.E., County Engineer at 601-790-2525 or timothy.bryan@madison-co.com.

Sincerely,

Gerald Steen, District 3 Supervisor
Board President

MADISON COUNTY 219 ENVIRONMENTAL INFRASTRUCTURE

Watershed and Sewer Improvements

Katy Breaux
Greg Anderson



US Army Corps
of Engineers®





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MADISON COUNTY PROJECT



Description

- WMUD Collection System (\$3,886,000)
- Flood Control on Brashear Creek and Hanging Moss Creek Watersheds (\$1,049,065)

Cost Breakdown

- Proposed PPA Project \$5,333,333.33
- Federal Share (75%) \$4,000,000.00
- Non-Federal Share (25%) \$1,333,333.33
 - The value of Lands, Easements, Right-of-Way, Relocations and Disposal Areas (LERRDs) and cash make up the 25%

LERRDS

- The County is responsible for LERRDs
- Provide map of project area including access or laydown with EA items



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SECTION 219 PROJECT DOCUMENTS



- First Increment
 - Letter Report
 - Environmental Assessment
 - Cost Estimate
- Just for PPA
 - Letter of Intent (signed)
 - Non-Federal Sponsor Self Certification of Financial Capability (signed)



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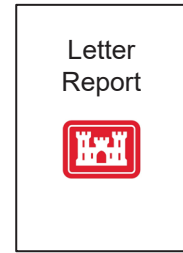
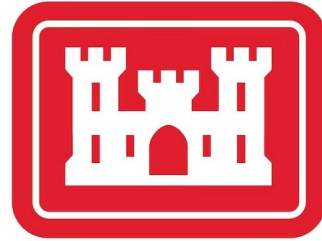
SECTION 219 PROCESS



Authorization



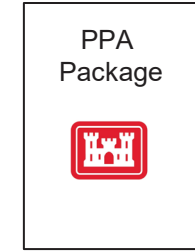
Appropriation



Letter Report
and EA



Approved by
MVD
Commander



PPA Package



Approved by
MVD
Commander



Execute PPA
With NFS



Award Design
Contract



Design Reviews
and Construction
Contract
Preparation



Award
Construction
Contract



Manage
Construction
Contract



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SECTION 219 PROCESS



Activity	Duration	Date
Letter Report and EA	150 days	8/23/2024
Letter Report and EA Routing at MVD	<u>30</u> -45 days	9/22/2024
PPA Package Routing at MVD	<u>30</u> -45 days	10/22/2024
Execute PPA	1 day	10/23/2024
Award Design Contract	75 days	1/1/2025
Complete Plans and Specs	Varies depending on surveys, complexity, etc (<u>180</u> -270 days)	6/30/2025
Construction Contract Award	90 days	9/28/2025

QUESTIONS?



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