

**MAJOR MODIFICATION FORM
FOR INDUSTRIAL STORMWATER GENERAL PERMIT**
Coverage No. MSR00002113 County GRENADA



INSTRUCTIONS

Coverage recipients shall notify the Mississippi Department of Environmental Quality at least 30 days in advance of the following activities (check all that apply). This form should be submitted with a modified Storm Water Pollution Prevention Plan (SWPPP), updated USGS topographic map, Corps of Engineers Section 404 documentation and wastewater collection and treatment information, as appropriate.

- Facility operations are proposed to change.
- "Footprint" identified in the original ISNOI is proposed to be enlarged.
- Stormwater Quality BMPs are proposed to be modified.

This form must be signed by the current coverage recipient under Mississippi's Industrial Stormwater General Permit, an attached SWPPP must be included, and documentation of the changes compared to the previous approved SWPPP are attached.

Coverage recipients are authorized to discharge storm water associated with proposed new operations, additional areas of activity, or modified BMPs, under the conditions of the General Permit, only upon receipt of written notification of approval by MDEQ. All other modifications must be in accordance with ACT9, S-1 (6) and S-2 (7) of the General Permit.

ALL INFORMATION MUST BE COMPLETED (indicate "N/A" where not applicable)

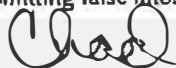
COVERAGE RECIPIENT INFORMATION

COVERAGE RECIPIENT CONTACT NAME: Grenada County Board of Supervisors TEL # 662 226 3284
COMPANY NAME: Grenada County Landfill
STREET OR P.O. BOX: 151 Dora Drive
CITY: Grenada STATE: MS ZIP: 38901 E-MAIL: _____

PROJECT INFORMATION

PROJECT NAME: Grenada County Landfill Expansion
CITY: Grenada

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Signature (must be signed by coverage recipient)

Chad Gray

Printed Name

8/30/12

Date

Supervisor

Title

Please submit this form to: Chief, Environmental Permits Division
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225

AUGUST 30, 2022

**MODIFICATION NO. 1
TO THE SWPPP
FOR
GRENADA COUNTY LANDFILL INDUSTRIAL STORMWATER PERMIT**

CHANGES MADE:

SWPPP:

APPENDIX A – Expansion of footprint shown in new drawing.

Stormwater Pollution Prevention Plan for: Grenada County Class I Rubbish Landfill

SWPPP Contact:

Grenada County Landfill
Chris Whitten, Manager
151 Dora Drive
Grenada, MS 38901
(662)-226-3284

Under Mississippi's Industrial Storm Water
General NPDES Permit
Coverage No. **MSR 002113**

SWPPP Prepared by:



133 South Mound Street
Grenada, Mississippi 38901
Phone: 662-226-1081

Prepared: August 2021

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1. Description of Potential Pollutant Sources

a. Industrial Activity and Associated Pollutants

Table 1 describes industrial activities performed at Grenada Rubbish Landfill and the potential pollutants associated with them.

Table 1.

Industrial Activities Performed at Grenada County Landfill and Associated Potential Pollutants

Industrial Activity	Associated Potential Pollutants
Equipment Fueling	Diesel fuel
Equipment Maintenance	Engine oil, hydraulic fluid, coolant, degreasers
Equipment Washing	Wash water, soaps, detergents, grease, oil, or other residue
Outdoor Handling of Materials	Fuels, oil
Outdoor Material Storage	Waste oil, fuels
Waste Handling and Disposal	Solid waste, used oil, used hydraulic fluid, used coolant
Equipment Outdoor Storage Areas	Hydraulic fluid, fuels, oils, grease
Buildings and Ground Maintenance	Cinders, potassium acetate, sand, paints, herbicides, pesticides, landscape waste
Dumped Rubbish	Heavy metals, chemical residue, and other pollutants potentially mixed in with rubbish

Each item listed above has been handled or stored at Grenada Rubbish Landfill within the three years prior to the submission of this SWPPP.

2. Monthly Updated List of Significant Spills and Leaks

A list of significant spills and leaks will be updated monthly or when a spill occurs, using the MDEQ Monthly Spill & Leak Log Sheet. Over the past four years (2018-2021), no spills have been reported at Grenada Rubbish Landfill.

3. Updated Summary of All Stormwater Sampling Data

According to Mississippi SWPPP Guidance Manual, the Baseline Storm Water General Permit requires sampling **only** if the facility is a Sara Title III, Section 313 facility that has had a significant spill or a facility with coal piles. Grenada County Rubbish Landfill does not meet the requirements of SARA Title III and therefore is not required to collect sampling data.

4. Site Map/Topographic Map

- a. **Site Map** – attached in Appendix A
- b. **Topographic Map** – attached in Appendix A

5. Storm Water Management Controls

a. Pollution Prevention Manager/Committee

The stormwater pollution prevention team (PPT) is comprised of the manager of the landfill and the County Engineer. The responsibility of the PPT is to oversee development of the SWPPP and for implementing and maintaining control measures and taking corrective actions when required. A summary of PPT members' responsibilities follows:

- County Engineer - SWPPP development and management.
- Grenada County Rubbish Landfill Manager - implementation of the SWPPP, landfill facility inspections, annual training, annual inspections, maintenance of grounds, EPA annual reporting, stormwater monitoring, evaluation of spill data to identify preventative measures, etc.

Each PPT member is provided a copy of the SWPPP. It is the responsibility of the PPT member to maintain their copy of the SWPPP and ensure its completeness and availability and to fully implement the procedures and best management practices (BMPs).

b. Risk Identification and Assessment/Material Inventory

Potential Pollution Sources include:

- Contaminated Rubbish – Since rubbish is dumped in an open, uncovered cell, it is exposed to stormwater. Although this landfill does not accept containers, liquids, or other potentially toxic pollutants, there is still a risk of contaminated rubbish. Landfill employees will sift through dumped rubbish to check for prohibited materials, and the operator will cover the rubbish with dirt as soon as possible.
- Loading and Unloading Areas – Fuel, fluids, and oil could potentially leak from machines in these areas, so regular equipment checks and maintenance will be performed to avoid pollution. Prohibited items could also potentially fall out near unloading areas, so employees must regularly check and clean these areas.
- Fuel Point – The fuel tank has a secondary tank surrounding the primary fuel tank, but spills can still occur when fueling. Employees will follow BMPs such as not “topping off” and ensuring all fuel makes it into the equipment’s tank.

- Dust Production – If equipment and trucks travel on the same path for extended periods of time, dust will begin to pollute the surrounding air. Keeping gravel or water on these roads can reduce the amount of dust if dust pollution becomes an issue at Grenada County Landfill.

c. Sediment and Erosion Control

Soil erosion will take place whenever the soil surface is not protected or when stormwater velocities are too high. The plan to prevent and limit soil erosion at Grenada County Rubbish Landfill includes:

- installation of riprap or other soil protection in ditches and drainage structures
- grassing and mulching of bare areas when earth moving is complete in that area
- filling rubbish and dirt in areas where stormwater has eroded the surface.

Excavated bare earth surfaces and finished liner surfaces will also be protected and practicable. Runoff into the cells and down finished side slopes will be deterred and redirected with peripheral ditches. Erosion of the protective cover on side slopes caused by heavy rains falling directly in the cells will be repaired using eroded soil and, if necessary, additional soils from a nearby borrow pit. Spills left bare by recent excavations will also be protected from potentially damaging runoff by peripheral ditches. If soils are excavated to final grade and are to remain at grade throughout the life of the facility, these soils shall be protected by re-vegetation and mulching. Soils excavated to grades that are temporary will be repaired as necessary and eroded soils will be managed. This practice will continue as needed until the excavated soil surface is stabilized.

d. Preventative Maintenance

A maintenance and inspection program for all storm water structures and impoundments will be implemented along with periodic evaluations of the SWPPP. These inspections will be recorded on the MDEQ Monthly Inspection Visual Evaluation Report and Annual Comprehensive SWPPP Evaluation Form.

General maintenance of storm water pollution prevention items will include the following:

- Fertilize and mow landfill vegetative cover on a regular basis,
- Repair eroded soil areas with reseeded and mulching,
- Keep swales and ditches mowed and free of large weeds and other obstructions,
- Remove sediment deposits in ditches, swales, and other drainage areas,
- Clean site drainage structures and outlet structures in the basin.

e. Good Housekeeping

Good housekeeping is an ongoing effort by the Grenada County Rubbish Landfill staff to prevent the pollution of stormwater. Some housekeeping Best Management Practices (BMPs) include:

- Maintaining clean ground surfaces
- Regularly disposing of garbage and waste material
- Storing containers to prevent contact with moisture
- Discussing good housekeeping during meetings and training sessions
- Clearing ditches, swales, or any stormwater path of pollutants

The Landfill Manager and staff will be responsible for practicing these good housekeeping measures as another way to avoid stormwater contamination.

f. Spill Prevention and Response Procedures

Table 2 displays locations within Grenada County Rubbish Landfill where spills have the potential to occur and which outfall the spill would most likely affect. Outfalls can be located on the Site Map. A list of significant spills and leaks will be updated monthly or when a spill occurs. Over the past four years (2018-2021), no spills have been reported at Grenada Rubbish Landfill.

Table 2
Areas Where Potential Spills/Leaks Could Occur

Location	Outfalls
Equipment fueling areas	001
Loading and Unloading Areas	001
Solid Waste Dumpsters	001

Reporting Process: All operators at Grenada County Rubbish Landfill will report spills greater than 5 gallons to the Landfill Manager and to the Emergency Management Agency (EMA). The following information must be reported:

- Date and time
- Responsible party
- Fluid type and quantity
- Spill location and surface (concrete, asphalt, soil)
- Brief description of activity causing spill

The EMA will follow up and notify operator if any additional local, state, or federal reporting is required.

g. Employee Training

The Landfill Manager is responsible for providing training to staff regarding the components and goals of this SWPPP. Employees who work in areas where industrial materials or activities are exposed to stormwater are required to have appropriate SWPPP training. Training will be provided by the Landfill Manager or designee at least annually. Training will include, but not be limited to, the following elements:

- Purpose, need, and requirement for stormwater pollution prevention
- Examples of unallowable non-stormwater discharges
- Availability, layout, and contents of the SWPPP
- Description and applicability of the BMPs
- Good housekeeping and preventative maintenance requirements
- Spill response procedures
- Spill reporting requirements, and
- Documentation requirements

All training events must be documented on the MDEQ Employee Training Log.

h. Illicit Connections Testing and Certification

All discharge points of the landfill should be observed periodically to ensure no polluted water or stormwater is exiting the site without treatment.

i. Routine Visual Site Inspections

The purpose of Routine Facility Inspections is to look for and identify:

- Industrial materials, residue, or trash that could encounter stormwater
- Leaks or spills from industrial equipment, drums, tanks, containers, etc.
- Proper equipment cleaning, fueling, and maintenance containment
- Proper spill response procedures and equipment
- Control measures or BMPs needing replacement, maintenance, or repair.

The inspections must cover the following areas:

- Fuel storage and dispensing areas
- Maintenance areas
- Fluid storage areas
- Used oil and fuel storage areas
- Vehicle or equipment washing areas
- Waste handling and disposal areas
- Outdoor materials handling and storage areas, and
- Stormwater outfalls and areas susceptible to erosion.

MDEQ has developed a standard monthly and yearly inspection form covering the items listed above for use in conducting routine facility inspections. These forms are included as part of this SWPPP for use by the Landfill Manager.

j. Stormwater Management

Stormwater at the Grenada County Rubbish Landfill is managed through diversion, infiltration, and storage. With the combination of physical structures, devices, and Best Management Practices, stormwater contamination will be avoided to the greatest extent possible. As shown on the site map, there are physical barriers, stormwater pipes, two sediment/detention ponds, and an outfall to Howard Creek. Existing BMPs include fuel overfill protection, covered fueling area, vehicle maintenance checks for leaks, designated cleaning areas, prevention of run-on to loading/unloading areas, secondary tank surrounding fuel storage, and minimization of stormwater contact with exposed rubbish.

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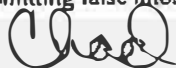
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Prepared: August 2021

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- Examples of unallowable non-stormwater discharges
- Availability, layout, and contents of the SWPPP
- Description and applicability of the BMPs
- Good housekeeping and preventative maintenance requirements
- Spill response procedures
- Spill reporting requirements, and
- Documentation requirements

All training events must be documented on the MDEQ Employee Training Log.

h. Illicit Connections Testing and Certification

All discharge points of the landfill should be observed periodically to ensure no polluted water or stormwater is exiting the site without treatment.

i. Routine Visual Site Inspections

The purpose of Routine Facility Inspections is to look for and identify:

- Industrial materials, residue, or trash that could encounter stormwater
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j. Stormwater Management

Stormwater at the Grenada County Rubbish Landfill is managed through diversion, infiltration, and storage. With the combination of physical structures, devices, and Best Management Practices, stormwater contamination will be avoided to the greatest extent possible. As shown on the site map, there are physical barriers, stormwater pipes, two sediment/detention ponds, and an outfall to Howard Creek. Existing BMPs include fuel overfill protection, covered fueling area, vehicle maintenance checks for leaks, designated cleaning areas, prevention of run-on to loading/unloading areas, secondary tank surrounding fuel storage, and minimization of stormwater contact with exposed rubbish.

k. Non-Stormwater Discharge Management

Allowable non-storm water discharges identified in the permit include:

- Discharges from emergency/unplanned fire-fighting activities;
- Fire hydrant flushing;
- Water used to control dust
- Potable water including uncontaminated water line flushing
- Routine external building wash down that does not use detergents
- Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless remediated) and where detergents are not used
- Uncontaminated air conditioning or compressor condensate
- Uncontaminated ground water or spring water
- Foundation or footing drains where flows are not contaminated with process materials such as solvents
- Uncontaminated excavation dewatering
- Landscape irrigation
- Water used to wash vehicles where detergents are not used

All non-allowable stormwater will be eliminated or reduced to the highest feasible extent utilizing the same physical controls and BMPs mentioned in the Stormwater Management section.

6. Site Inspection and SWPPP Evaluation

a. Annual Comprehensive Site Inspection and SWPPP Evaluation

The landfill site will be inspected on a monthly and annual basis as a minimum and more frequently if necessary. The Landfill Manager will conduct such inspections of the facility equipment and material handling areas. The Landfill Manager will complete the MDEQ Monthly Inspection Visual Evaluation Report and Annual Comprehensive SWPPP Evaluation Form. Inspection of grassing will be ongoing throughout the period of facility operation. The Landfill Manager will also look for evidence of pollutants entering the drainage system and seek to verify the source of such pollutants. Once the source is identified, he/she will formulate a plan to manage, reduce and, if possible, eliminate the source. The Manager will then establish a system to follow up with additional inspections of the area and, if necessary, additional management efforts.

k. Non-Stormwater Discharge Management

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b. Plan Amendment

Plan amendments will be recorded in this section of the SWPPP.

Date	Section of SWPPP Revised	Authorization of the Modification
August 2021	Full SWPPP Update and Revision.	Name: Signature:
		Name: Signature:
		Name: Signature:
		Name: Signature:

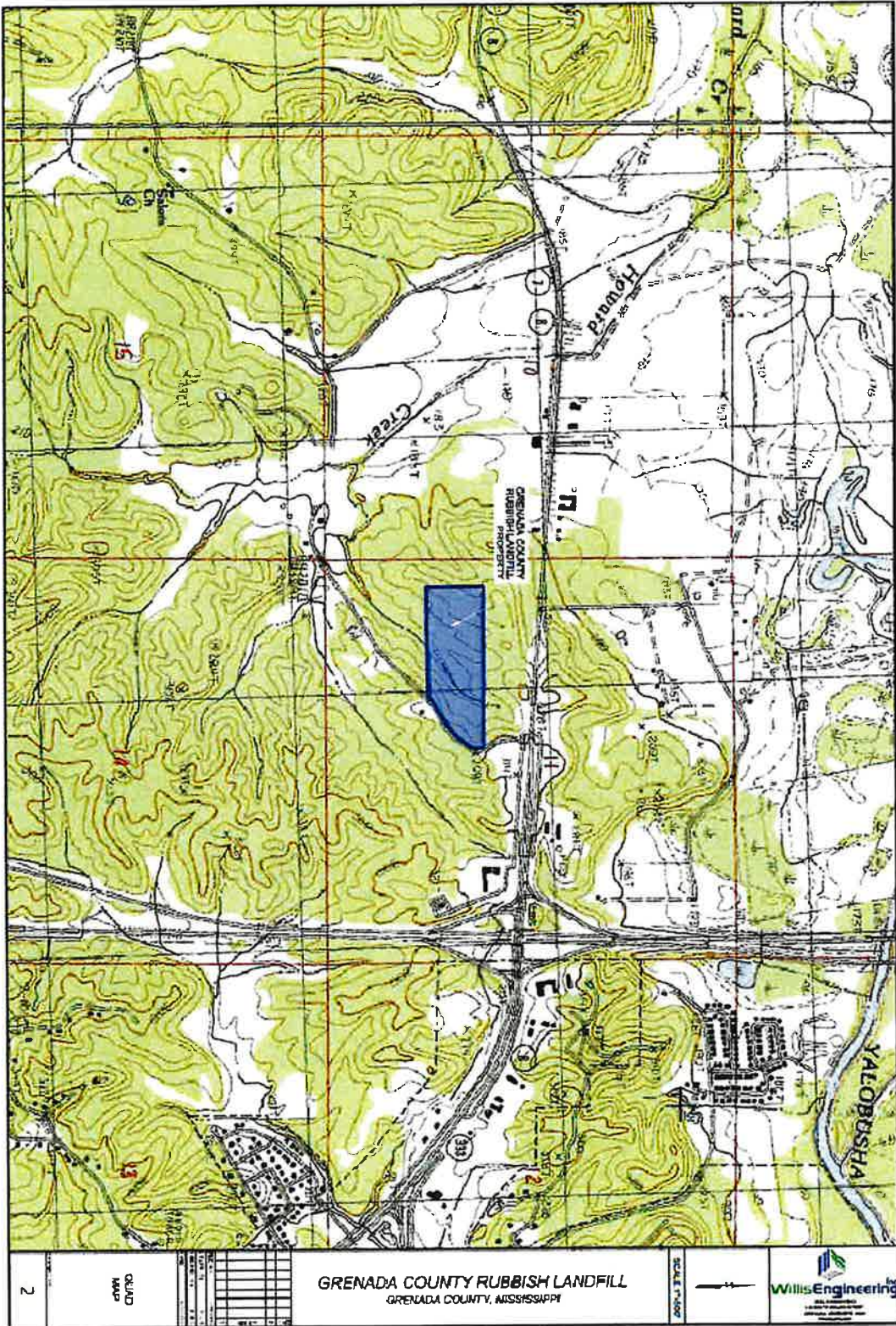
c. Retention of Records

All records, reports, and information resulting from activities required by this permit will be retained for at least 3 years from the date of the Baseline Notice of Intent submittal. Specifically, the Annual Comprehensive Site Inspection and SWPPP Evaluation and Monthly Inspection Visual Evaluation Report will be completed and kept with this SWPPP.

APPENDIX A Site Map



a. Topographic Map



BURNS COOLEY DENNIS, INC.
GEOTECHNICAL AND MATERIALS ENGINEERING CONSULTANTS

278 COMMERCE PARK DRIVE BUS: (601) 856-2332 POST OFFICE BOX 12828
RIDGELAND, MISSISSIPPI 39157 FAX: (601) 856-3552 JACKSON, MISSISSIPPI 39236

EARTHWORK TESTING REPORT

To: Willis Engineering
Post Office Box 160
Grenada, Mississippi 38902

Date: March 18, 2022

Project No.: 220126

Attn: Karl Grubb

Report No.: 2

Project: 21-0016 Grenada County Rubbish Landfill

Laboratory test results are presented in this report for earthwork testing performed for the above-captioned project.

LABORATORY TESTING:

1 Permeability (ASTM D5084)

Laboratory tests were performed on a sample submitted to our office on February 25, 2022. The results of laboratory tests are presented on the following table.

Sample Location	Dry Density (pcf)	Moisture Content (%)	Permeability
On-Site	101.4	18.2	2.68×10^{-7} CM/SEC

COMMENTS:

We appreciate the opportunity to be of service on this project. If you should have any questions concerning this report, please do not hesitate to call us.

REPORTED BY: *Daniel R. Gorman*
CMET Manager

REVIEWED BY: *R. C. Allrich*
Engineer

PART 5, ITEM 25

Consulting Civil
and Environmental Engineers
Soils, Concrete, Asphalt Testing

Jack T. Willis, Sr., P.E., P.L.S. (1931-2006)
Robert D. Willis, P.E., C.F.M.
Chodie T. Myers, Jr., P.E., P.L.S.
Karl H. Grubb, P.E., P.L.S., C.F.M.
Kyle L. Grubb, P.E., C.F.M.



133 South Mound Street
Grenada, Mississippi 38901
Telephone (662) 226-1081
Fax (662) 226-1649
williseng@bellsouth.net

220 West Market Street
Greenwood, Mississippi 38930
Telephone (662) 455-6170

October 18, 2021
125 North Court Square
Charleston, Mississippi 38921
Telephone (662) 647-3843

U.S. Army Corps of Engineers
Vicksburg District
4155 Clay St.
Vicksburg, MS 39180-3435

ATTN: Regulatory Division / Permitting

**RE: Grenada County Board of Supervisors
Grenada County Class 1 Rubbish Site Expansion
151 Dora Drive
Grenada County, Mississippi**

Dear Sir or Madam:

Our firm is presently assisting Grenada County with a environmental assessment for the above referenced project. Grenada County, through funding from the Grenada County Board of Supervisors, is proposing to expand the existing Rubbish Site by 1.11 acres.

More specifically, this project is located in Section 11, Township 22 North, Range 4 East, at GPS coordinates: Lat N 33° 47' 00.25". Long. W 89° 51' 00.51" situated in Grenada County, Mississippi. The exact location of the property site is shown on the attached Mississippi Quadrangle Map, and Aerial Map.

This letter is to request your review for any potential impacts to wetlands or other waters of the U.S. as a result of the proposed project.

Please advise on permit requirements if applicable to this project.

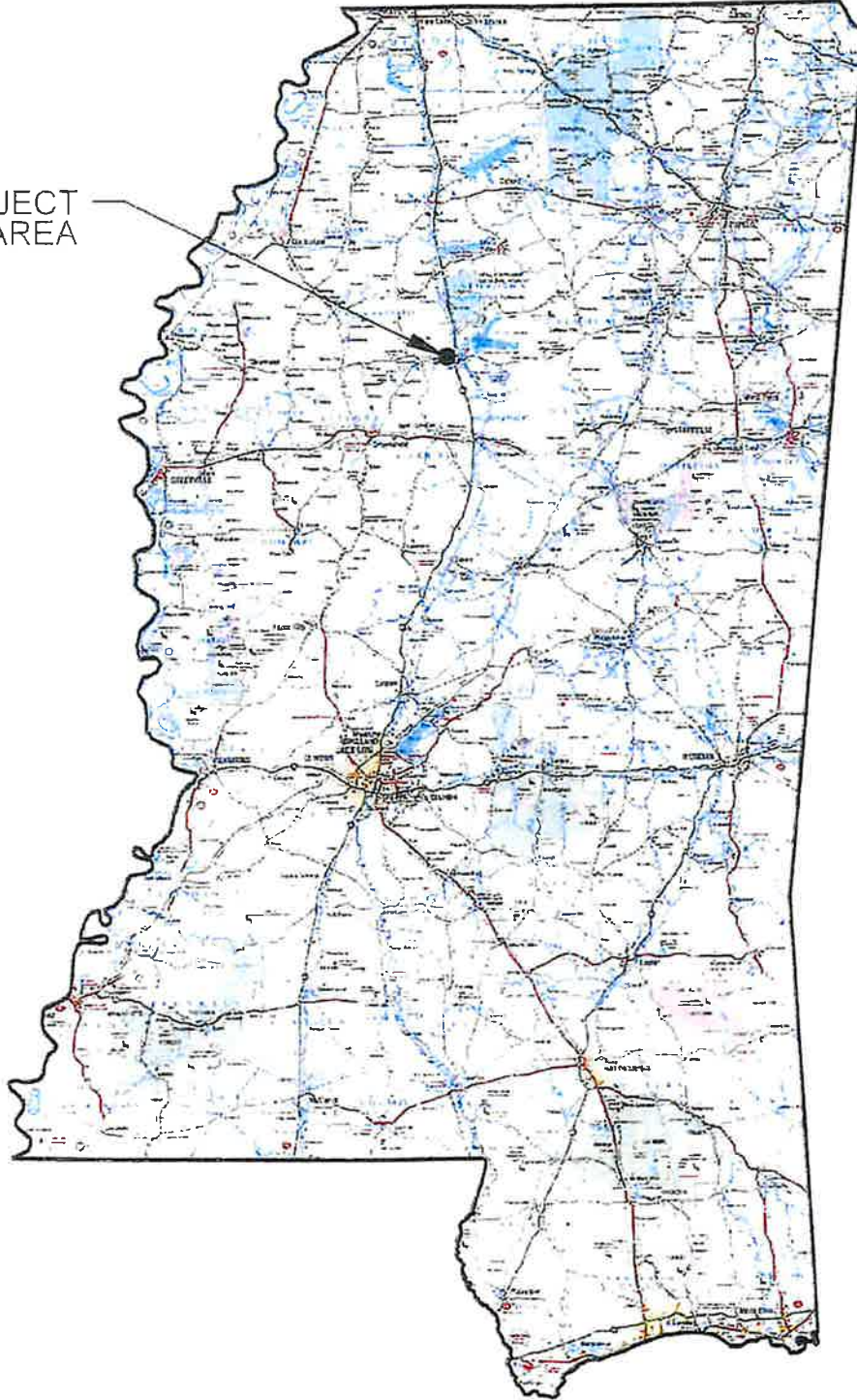
Please forward comments to: Willis Engineering, Inc.
P.O. Box 160
Grenada, MS 38902-0160
Attn: Kim Goss

Sincerely,

Kim Goss
Project Manager



PROJECT
AREA

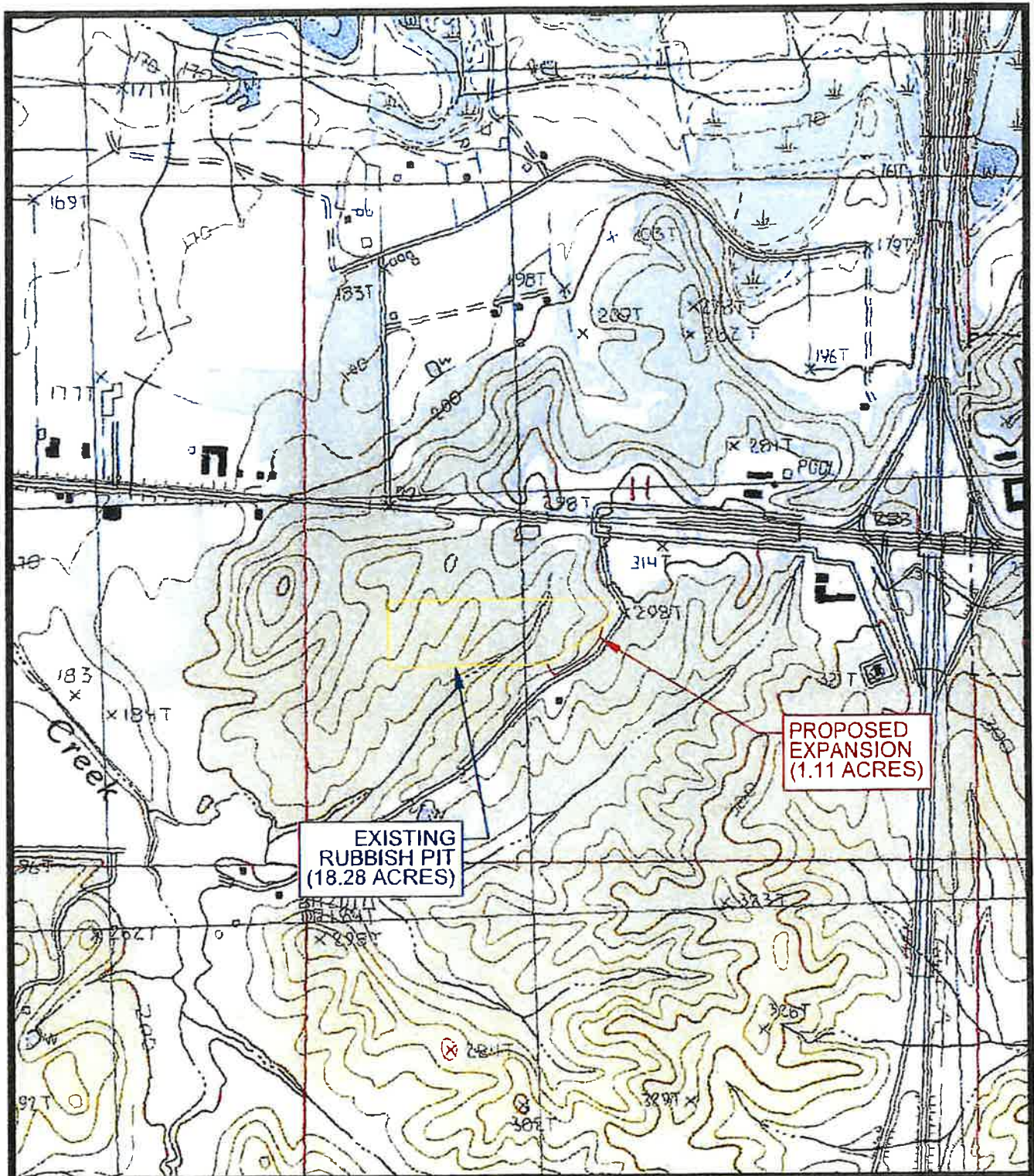


CIVIL ENGINEERING
133 SOUTH MOUND STREET
GRENADA MISSISSIPPI 38901
PH.662-226-1081

CAD FILE	21-0015
DRAWN BY:	M.C.G
CHECKED BY	M.C.G
DATE	10/2021

MISSISSIPPI MAP	
GRENADA COUNTY LANDFILL EXPANSION GRENADA COUNTY, MISSISSIPPI	
SHEET:	1 OF 3





EXISTING
RUBBISH PIT
(18.28 ACRES)


PROPOSED
EXPANSION
(1.11 ACRES)



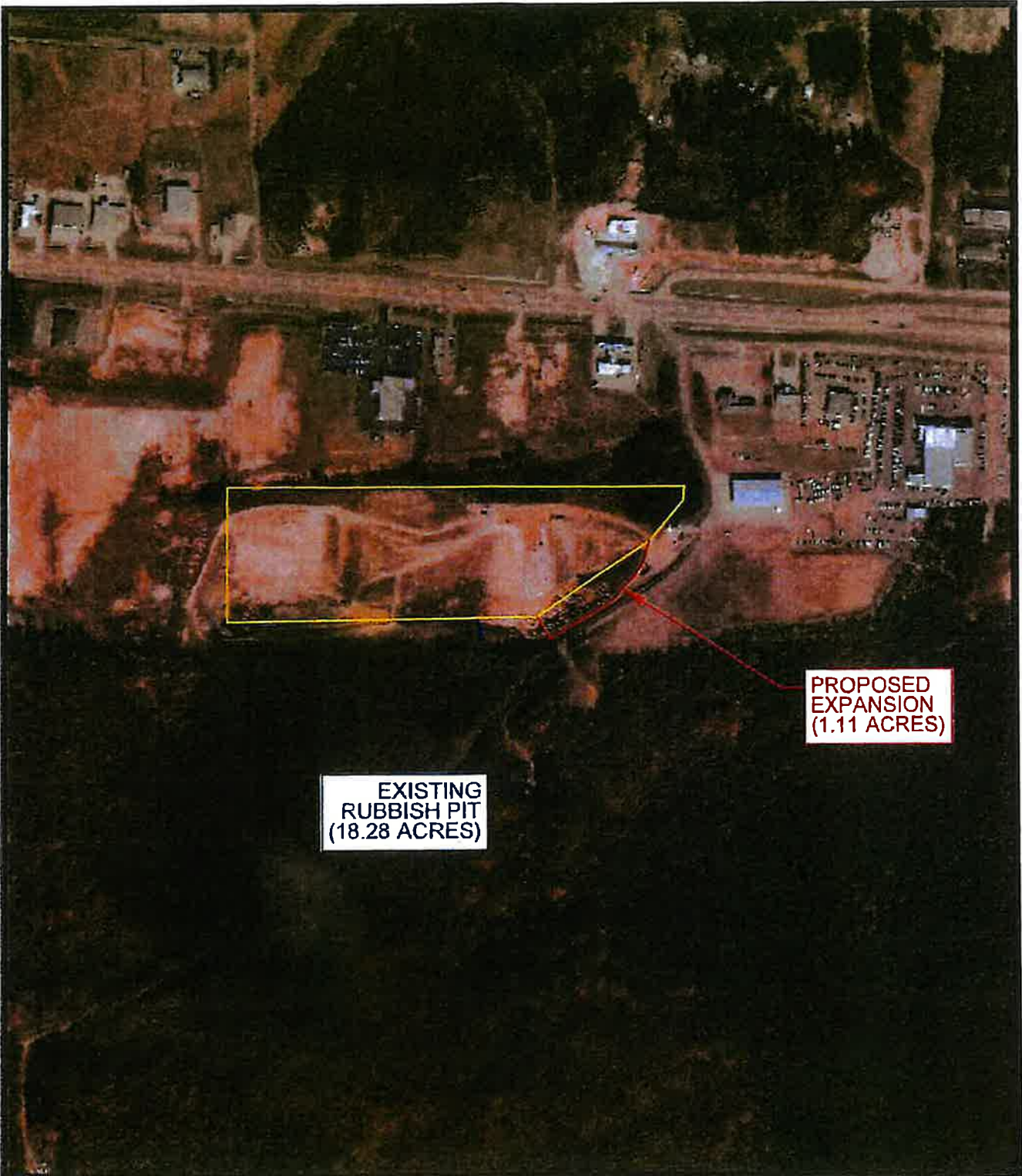
WillisEngineering
CIVIL ENGINEERING
133 SOUTH MOUND STREET
GRENADA, MISSISSIPPI 38901
PH 662-226-1081

CAD FILE	21-0015
DRAWN BY	M. C. G
CHECKED BY	M. C. G
DATE	10/2021

QUAD MAP	
GRENADA COUNTY LANDFILL EXPANSION GRENADA COUNTY, MISSISSIPPI	
SHEET:	2 OF 3





SCALE: 1"=1000'



**EXISTING
RUBBISH PIT
(18.28 ACRES)**

**PROPOSED
EXPANSION
(1.11 ACRES)**

 WillisEngineering Inc CIVIL ENGINEERING 133 SOUTH MOUND STREET GRENADA MISSISSIPPI 38901 PH.662-226-1081	CAD FILE	21-0015	AERIAL MAP	 SCALE: 1"=500'
	DRAWN BY	M.C.G	GRENADA COUNTY LANDFILL EXPANSION	
	CHECKED BY:	M.C.G	GRENADA COUNTY, MISSISSIPPI	
	DATE	10/2021	SHEET: 3 OF 3	



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, VICKSBURG DISTRICT
4155 CLAY STREET
VICKSBURG, MISSISSIPPI 39183-3435

December 8, 2021

Regulatory Division

SUBJECT: Department of the Army Regulatory Requirements – Grenada County Class 1 Site Expansion, Grenada County, Mississippi; MVK-2021-891

Ms. Kim Goss
Willis Engineering, Incorporated
Post Office Box 160
Grenada, Mississippi 38901

Dear Ms. Goss:

I refer to your letter requesting Department of the Army permit requirements for the subject project located in Grenada County, Mississippi. The location of the work is depicted on the enclosed map (enclosure 1).

Based upon the information provided, we have determined that a Department of the Army Section 404 permit will not be required for the proposed work, since there are no jurisdictional wetlands or other waters of the United States located within the project areas. For your information, I have enclosed a copy of the basis of our determination (enclosure 2) and appeals form (enclosure 3).

This approved jurisdictional determination is valid for a period not to exceed five years from the date of this letter unless superseded by law or regulation. If the proposed work is not completed by this time, please contact this office for a reevaluation of permit requirements and refer to Identification No. MVK-2021-891, when submitting the information.

This determination of Department of the Army regulatory requirements does not convey any property rights, either in real estate or material or any exclusive privileges and does not authorize any injury to property or invasion of rights or local laws or regulations or obviate the requirement to obtain State or local assent required by law for the activity discussed herein.

The decision regarding this action is based on information found in the administrative record, which documents the District's decision-making process, the basis for the decision, and the final decision.

If we may be of any further assistance in this matter, please contact Mr. Andy Sanderson of this office, telephone (601) 631-5083, or e-mail address: Andy.Sanderson@usace.army.mil.

Sincerely,

A handwritten signature in cursive script that reads "Gerald G. Bourne".

Gerald G. Bourne
Acting Chief, Enforcement and Compliance Branch
Regulatory Division

Enclosures

DRY LAND APPROVED JURISDICTIONAL DETERMINATION FORM¹
U.S. Army Corps of Engineers

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): December 8, 2021

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: MVK-2021-891

C. PROJECT LOCATION AND BACKGROUND INFORMATION

State: Mississippi County/parish/borough: Grenada City: Grenada
Center coordinates of site (lat/long in degree decimal format): Lat. 33.783403°, Long. -89.850142 °
Universal Transverse Mercator:
Name of nearest waterbody: Yalobusha River
Name of watershed or Hydrologic Unit Code (HUC): 08030205

- Check if map/diagram of review area is available upon request.
 Check if other sites (e.g., offsite mitigation sites, disposal sites, etc...) are associated with this action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

- Office (Desk) Determination. Date: December 8, 2021
 Field Determination. Date(s): [Click here to enter a date](#)

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION.

There are no "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area.

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There are no "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area.

SECTION III: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked and requested, appropriately reference sources below):


- Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: Willis Engineering, Inc.
 Data sheets prepared/submitted by or on behalf of the applicant/consultant.
 Office concurs with data sheets/delineation report.
 Office does not concur with data sheets/delineation report.
 Data sheets prepared by the Corps: [Click here to enter text.](#)
 U.S. Geological Survey Hydrologic Atlas:
 USGS NHD data.
 USGS 8 and 12 digit HUC maps.
 U.S. Geological Survey map(s). Cite scale & quad name:
 USDA Natural Resources Conservation Service Soil Survey. Citation: USDA NRCS Hydric Rating by Unit – Grenada County, Mississippi
 National wetlands inventory map(s). Cite name: USFWS NWI map
 State/Local wetland inventory map(s): [Click here to enter text](#)
 FEMA/FIRM maps: [Click here to enter text](#)
 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)
 Photographs: Aerial (Name & Date): Google satellite imagery
 or Other (Name & Date): Google streetview imagery
 Previous determination(s). File no. and date of response letter: [Click here to enter text.](#)
 Applicable/supporting case law: [Click here to enter text](#)
 Applicable/supporting scientific literature: [Click here to enter text.](#)
 Other information (please specify): [Click here to enter text.](#)

B. REQUIRED ADDITIONAL COMMENTS TO SUPPORT JD. EXPLAIN RATIONALE FOR DETERMINATION THAT THE REVIEW AREA ONLY INCLUDES DRY LAND: Desk information indicated that there were no hydric soils, hydrophytic vegetation or wetland hydrology on the property.

¹ This form is for use only in recording approved JDs involving dry land. It extracts the relevant elements of the longer approved JD form in use since 2007 for aquatic areas and adds no new fields.

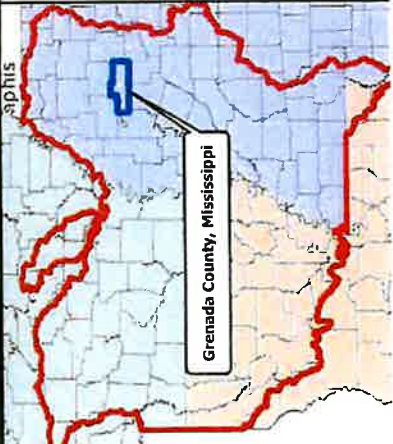
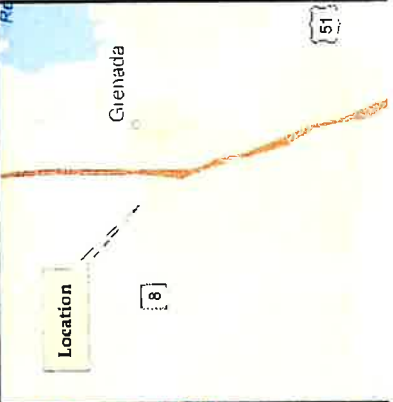


Legend
Class 1 Site Expansion Project
Boundary - Non-jurisdictional




8 December 2021
MVK-2021-891
Grenada County Class 1 Site Expansion
Grenada, Mississippi
Approved Jurisdictional Determination
Andy Sanderson

Location



Regulatory Division
Enforcement Branch

0 90
Feet



PART 5, ITEM 28

Consulting Civil
and Environmental Engineers
Soils, Concrete, Asphalt Testing

Jack T. Willis, Sr., P.E., P.L.S. (1931-2006)
Robert D. Willis, P.E., C.F.M.
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220 West Market Street
Greenwood, Mississippi 38930
Telephone (662) 455-6170

125 North Court Square
Charleston, Mississippi 38921
Telephone (662) 647-3843

October 18, 2021

Ms. Kelly Morris
United States Fish and Wildlife Services
6578 Dogwood View Parkway, Suite A
Jackson, MS 39213

**RE: Grenada County Board of Supervisors
Grenada County Class 1 Rubbish Site Expansion
151 Dora Drive
Grenada County, Mississippi**

Dear Ms. Morris:

Our firm is presently assisting Grenada County with a environmental assessment for the above referenced project. Grenada County, through funding from the Grenada County Board of Supervisors, is proposing to expand the existing Rubbish Site by 1.11 acres.

More specifically, this project is located in Section 11, Township 22 North, Range 4 East, at GPS coordinates: Lat N 33° 47' 00.25", Long. W 89° 51' 00.51" situated in Grenada County, Mississippi. The exact location of the property site is shown on the attached Mississippi Quadrangle Map, and Aerial Map.

We respectfully request that your office review the location of the project site for issues of concern to your agency, particularly any issues relative to threatened and/or endangered plant and animal species, and that a written reply be forwarded to us with your comments and/or instructions regarding these issues.

If you require additional information regarding the project extent or the geographic areas, please feel free to call our Grenada office at (662) 226-1081.

Respectfully,

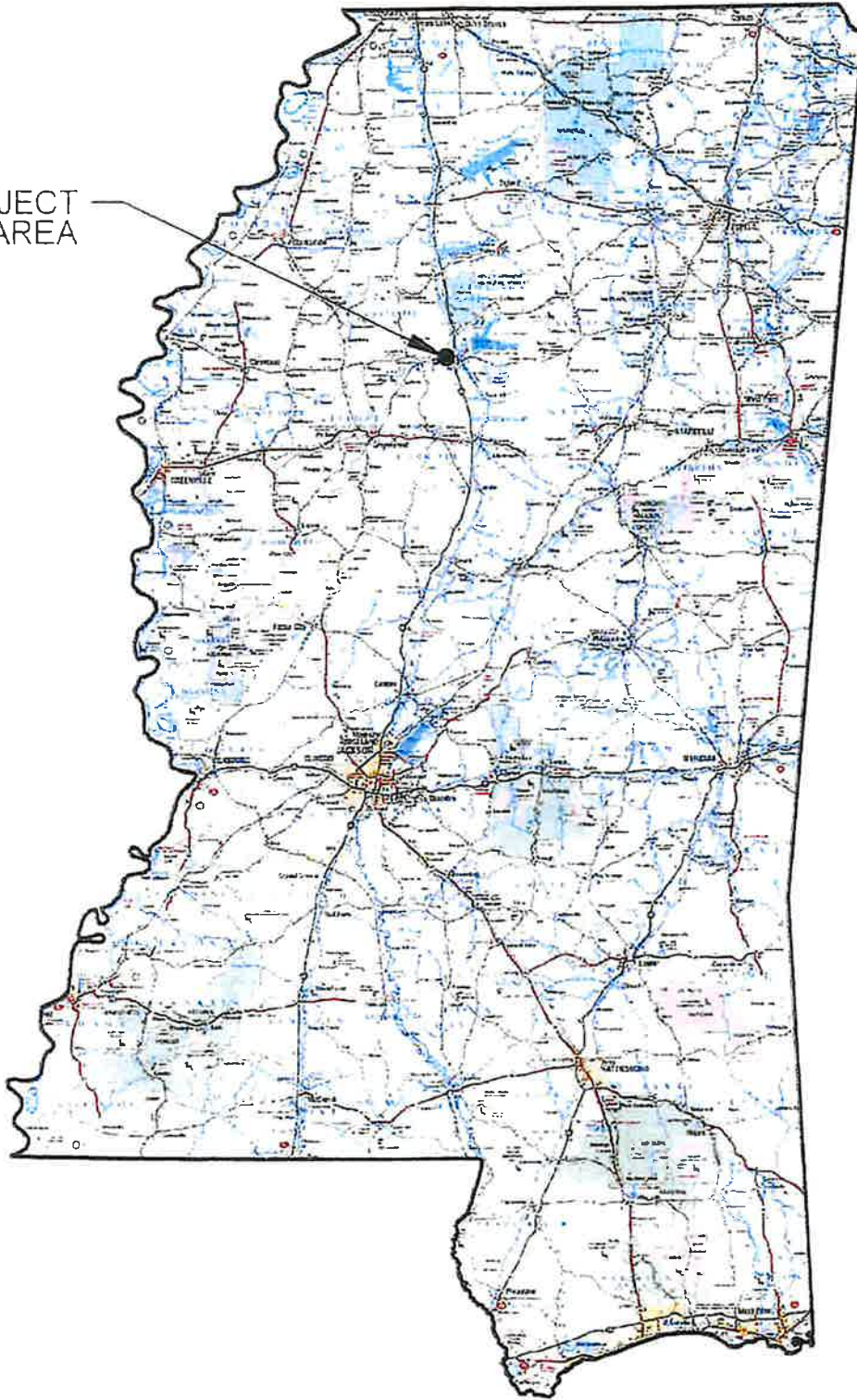
A handwritten signature in blue ink that reads "Kim Goss".

Kim Goss
Grenada Office

Enclosure(s)



PROJECT
AREA



CIVIL ENGINEERING
133 SOUTH MOUND STREET
GRENADA, MISSISSIPPI 38901
PH.662-226-1081

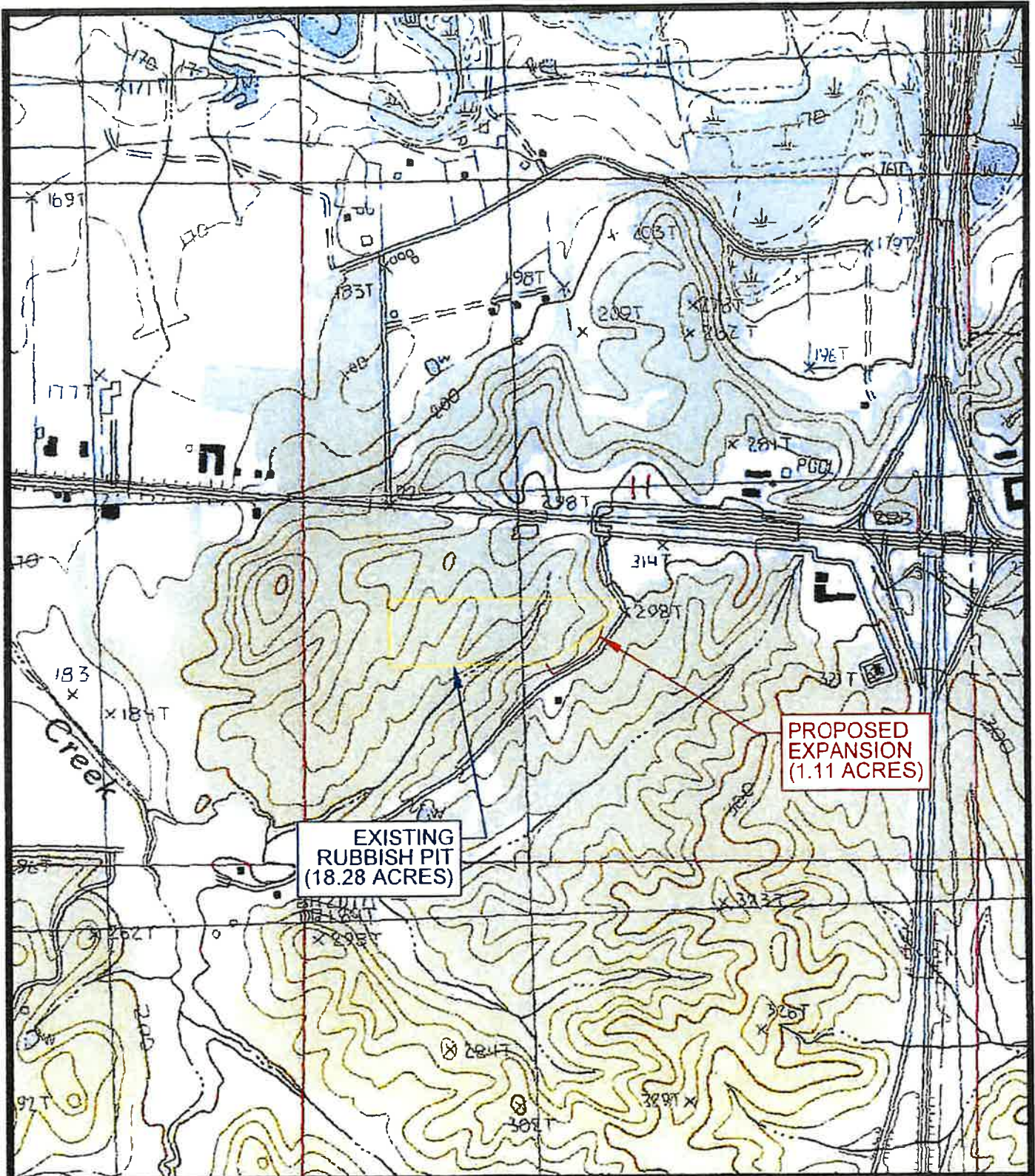
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CHECKED BY:	M.C.G.
DATE	10/2021

MISSISSIPPI MAP

GRENADA COUNTY
LANDFILL EXPANSION
GRENADA COUNTY, MISSISSIPPI

SHEET: 1 OF 3





**EXISTING
RUBBISH PIT
(18.28 ACRES)**

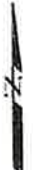
**PROPOSED
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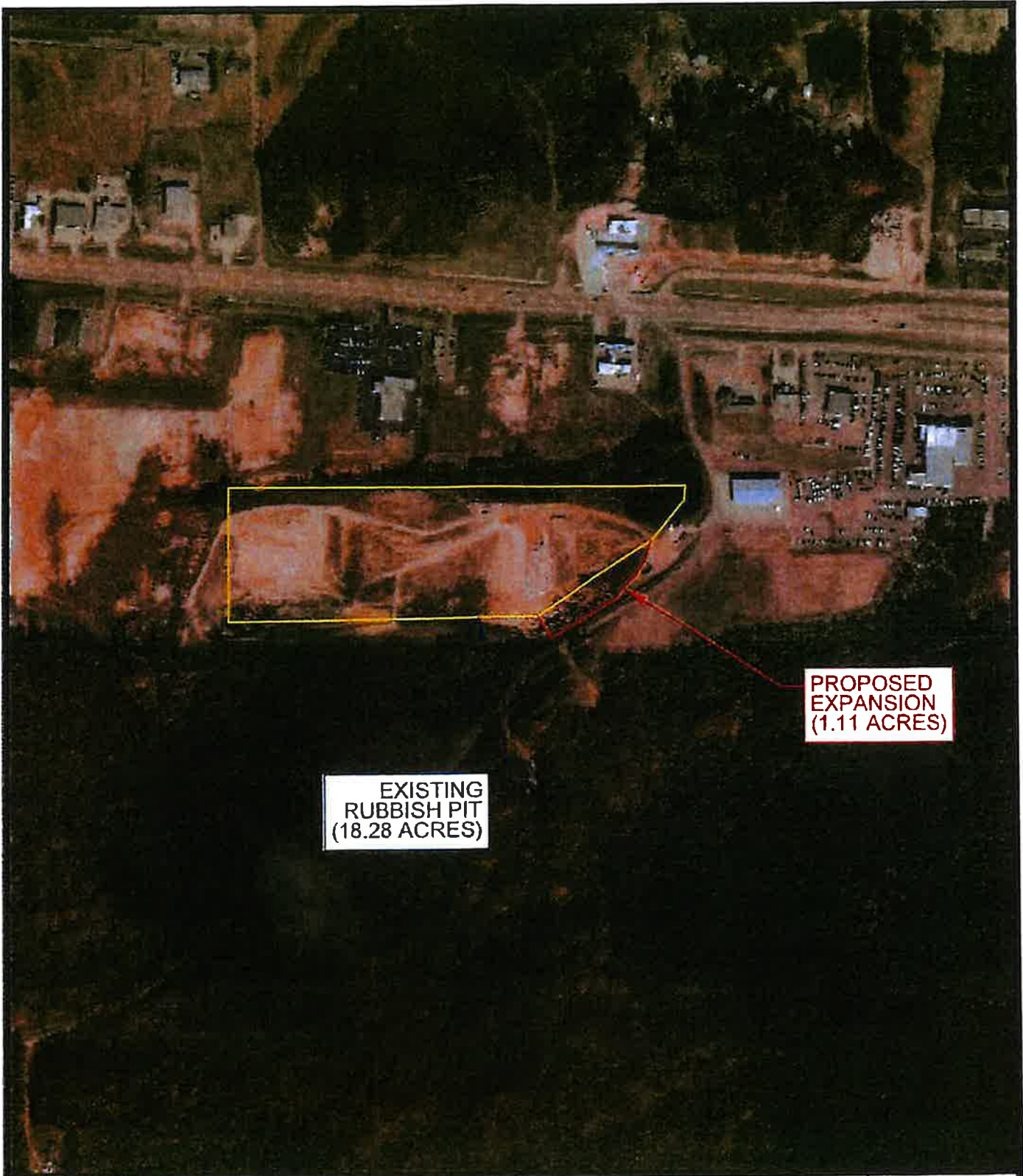
Willis Engineering Inc.
CIVIL ENGINEERING
133 SOUTH MOUND STREET
GRENADA, MISSISSIPPI 38901
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QUAD MAP
GRENADA COUNTY LANDFILL EXPANSION GRENADA COUNTY, MISSISSIPPI
SHEET: 2 OF 3





SCALE: 1"=1000'



**EXISTING
RUBBISH PIT
(18.28 ACRES)**

**PROPOSED
EXPANSION
(1.11 ACRES)**

 WillisEngineering Inc CIVIL ENGINEERING 133 SOUTH MOUND STREET GRENADA, MISSISSIPPI 38901 PH.662-226-1081	CAD FILE:	21-0015	AERIAL MAP	 SCALE: 1"=500'
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