County: Hancock
Date: May 15th, 2026

1. SITE DESCRIPTION

A. This Stormwater Pollution Prevention Plan (SWPPP) has been specifically designed to control sedimentation, erosion, and potential hazardous material from entering State Waters. Through the use and proper sequencing of Best Management Practices (BMP) as discussed in this SWPPP and as detailed in the attached erosion control plan, the construction activity proposed at this project site shall be done in such manner as to not allow contaminates, hazardous materials, and sedimentation from entering State Waters. Soil maps indicate the project site is primarily composed of Atmore Silt Loam. Approximately 14.93 acres will be disturbed in some capacity. This SWPPP requires that the construction activity is using the appropriate BMP and erosion control devices.

B. The local hydrology was evaluated for the project site located in Hancock County. Stormwater runoff is primarily conveyed through minor drainage ditches, ultimately out falling to the major drainage ditch along the East and South property lines. The drainage ditch conveys flow to the Southeast property corner and discharges through a double run of concrete arch pipe underneath the Interstate-10 westbound on ramp. The system continues to convey water to the south and ultimately outfalls to the Jourdan River Basin. A site location map and USGS Quadrangle map are included to identify the subject property and surrounding hydrologic features.

C. Condition T-3-(6) of the large Construction General Permit requires maintain a 50-foot undisturbed natural buffer around waters of the United States; or provide and maintain an undisturbed natural buffer that is less than 50 feet and is supplemented by additional erosion and sediment controls which in combination achieves the sediment load reduction equivalent to a 50-foot undisturbed natural buffer. Direct storm water to vegetated areas and maximize storm water infiltration to reduce pollutant discharges, unless infeasible. In locations where a 50' buffer is not maintained between construction activities and jurisdictional waters, additional BMPs will be utilized such as double silt fence. The use of a double silt fence in areas where the 50-foot buffer is reduced is determined to be adequate to achieve equivalent sediment load reduction through the following mechanisms:

1. Redundancy: The primary (inner) silt fence serves as the initial sediment trap, while the secondary (outer) silt fence provides a second stage of filtration for any overtopping or bypass. * Enhanced Filtration: The use of two parallel barriers effectively doubles the ponding area, allowing for greater settlement of fine silts and clays characteristic of the site's soil profile (Atmore Silt Loam).

2. Velocity Reduction: The secondary barrier acts as a physical energy dissipator, reducing the velocity of sheet flow before it enters sensitive areas.

The double silt fence configuration shall be installed with a separation distance of 5 feet between the parallel fence rows to allow for adequate sediment ponding and

maintenance access. Both rows shall be installed per the "Perimeter Control Details" on Sheet C2-Erosion.

Condition T-8(H), requires phasing-schedule or sequence of construction activities to concentrate work in certain areas to minimize the amount of soil that is exposed at one time. Activities to concentrate work in certain areas to minimize the amount of soil that is exposed at one time. Construction shall be phased to keep the total disturbed area less than fifty (50) acres at one time, in order to minimize erosion and limit sedimentation.

Clearing of the perimeter of the site area and installation of perimeter controls as described in Section 2.B. below.

Once the perimeter controls are in place, the contractor shall clear and grub the areas for the drainage culverts and install perimeter controls.

After the perimeter controls and drainage culverts have been stabilized, the contractor shall clear roadway right of way for the construction of the streets, utilities, sanitary sewer and storm sewer.
The final step will be the construction of the main development. The contractor will clear and grub and grade the lot as required for construction. The SWPPP control measures will remain in place during this phase of the construction. The contractor will provide additional sedimentation and erosion control measures as may be required to stabilize the disturbed areas during this phase according to Mississippi Department of Environmental Quality Best Management Practices.

The contractor shall further implement the Sequencing of Site Work and Related Erosion Control Devices as called for in Section 2 of this document.

2. SEQUENCING OF SITE WORK AND RELATED EROSION CONTROL DEVICES

A. The construction phase should be divided into three phases of best management practices (BMP) implementation. The following is a suggested phasing process. Additionally, the overall project shall be divided into three phases as displayed on the site specific diagram. Phase 1 shall begin first. As Phase 1 is underway, earthmoving activities for Phase 2 shall run concurrently. Land disturbing activities for Phase 3 shall not commence until final controls are established in Phase 1. The contractor shall be responsible for reviewing the construction plans, Mississippi Department of Environmental Quality, Best Management Practices Manual, latest edition and any other information that may be relevant to the implementation and preparation of a stormwater pollution prevention plan best suited for this project:

B. Phase I: Start up and perimeter controls

Contractor shall post all site and stormwater control permits as required by each individual permit.

Contractor shall install perimeter controls. These controls shall be installed after clearing and prior to any grubbing of the site. For larger areas, clearing of an area the width of a

bulldozer and installing the perimeter controls should be performed prior to clearing the interior portions of the site.

Hold pre-construction conference at least one (1) week prior to starting construction and perform weekly reviews of the erosion sediment and stormwater control plan.
Remove vegetation, undergrowth and top six (6) inches of organic material from the site and stockpile topsoil. Contractor shall perform stockpile protection as required to prevent loose dirt from being washed from the stockpile.

For areas where 50' buffer is not maintained around jurisdictional waters and double silt fences are installed as indicated on the plans, perform daily inspections of silt fence and repair or replace any deficiencies.

Remove, vegetation, undergrowth and top six (6) inches of organic material from the site and stockpile topsoil. Contractor shall perform stockpile protection as required to prevent loose dirt from being washed from the stockpile.

Place temporary sanitary facilities and dumpsters.
Provide concrete washout area and material and chemical storage with 15 mil lining and perimeter controls in accordance with site specific drawings.

C. Phase II: Intermediate controls

Intermediate controls are implemented from grubbing to final grade. This includes installation of subsurface drainage, inlets and utilities and bringing the site to final grade. During this phase, the extent and duration of exposure of un-stabilized areas is greatest.

This phase shall include the construction and maintenance of temporary sedimentation basins. Sedimentation basins shall remain in place until final stabilization of site.

The contractor shall take any additional measures required to prevent additional stormwater or sedimentation runoff at no additional cost to the owner.

D. Phase III: Final controls

These controls are implemented to achieve final stabilization of the site. The construction of hard surfaces and final pavement, structures and utilities are installed. This phase establishes the permanent vegetation, the installation of any outlet protections, energy dissipater's rock check dams, etc. at final stabilization, USEPA (1992) guidelines states that permanent vegetation must be uniformly established on at least 70 percent of soil surfaces not covered with erosion-resistant surfaces (pavements, buildings, etc.). All permanent drainage improvements must be installed and tested to verify that they perform as designed. The stormwater management system should be checked and cleaned of any accumulated sediments. Temporary BMP's not required as part of the permanent stabilization or BMP plan shall be removed and properly disposed of. Temporary BMP's are not to be removed until final stabilization (min 70% of site having stabilized cover) has been established. The contractor shall be responsible for cleaning all sediment, debris, etc., from

the stormwater inlets, pipe systems, etc. as may be required to create a fully functional stormwater management system at no additional cost to the owner.

3. STORMWATER POLLUTION PREVENTION MINIMUM REQUIREMENTS

A. Stockpile topsoil removed from roadway and other disturbed areas for use later in planting permanent grass on all disturbed areas not used as paved roads, buildings etc. Contractor shall perform stockpile protection as required to prevent erosion and loose dirt from being washed from the stockpile. When final grade is reached it should be distributed to a minimum depth of two (2) inches on 3:1 slopes and four (4) inches on flatter slopes. Heavy equipment use in areas to be re-vegetated should be avoided. If compaction cannot be avoided, the top four (4) inches of the soil bed should be tilled before re-vegetation. Any necessary fertilizer or other soil amendments should be added during the tilling process. Stockpile protection shall consist of one of the following:

1. Plastic sheeting – cover stockpile with at least 4 mil thickness and anchor sheeting with sandbags laid in a grid pattern no more than 10 foot by 10 foot grid.

2. Fiber roll – If stockpile is placed on ground, then scrape a shallow trench around stockpile, lay fiber roll in trench. If using more than one fiber roll, ensure that ends are pushed tightly together. Drive manufacturer-provided stakes into fiber rolls, ensure that a stake is driven in within 6 inches of each end and 4 foot spacing for all other stakes. Ensure that stakes are driven a minimum of 6 inches into the ground. If stockpile is place on a hardened surface where no excavation can be done, then lay fiber roll(s) on surface and lay sandbags around outside of fiber roll(s) as anchors. Use a sandbag wherever ends are abutted together.

3. Silt fence – Use only when stockpile is placed on ground where a trench can be dug.

B. Contractor shall stage, time and sequence construction to minimize the size of exposed soil areas and the time between exposing the soil area and finishing the soil area.

C. As soon as grading is complete in an area, the contractor shall stabilize the soil. For long, narrow areas or steep grades (greater than 3:1), the contractor shall stabilize continuously during grading operations. Rough graded areas should be stabilized with temporary erosion control if final grading and stabilization will not be performed within five (5) days. Failure to stabilize in a timely manner after grading may be considered a violation of permits obtained for said activity and may be subject to corrective action by the local, state or federal governing authority. Whenever any clearing, grading, excavating or other land disturbing activities have temporarily or permanently ceased on any portion of the site and will not resume for a period of fourteen (14) days or more, soil stabilization-vegetative stabilization measures be initiated. The appropriate temporary or permanent vegetative practices shall be implemented immediately.

D. It shall be the responsibility of the contractor performing a task to provide erosion control unless another party has been previously specified as responsible for the erosion control associated with that task. In the event another party is responsible for erosion control, the contractor shall still be responsible for coordination with the party responsible. If damage to the constructed item results due to lack of erosion control, the contractor shall be responsible for repair and/or replacement of said erosion control items at no charge to the owner.

E. Temporary erosion control shall consist of temporary grass, temporary mulch, temporary sod, artificial coverings, baled straw, silt fences and turbidity barriers as shown on the construction drawings and in accordance with the best management practices manual from the Mississippi Department of Environmental Quality, latest edition.

F. Permanent erosion control shall consist of seed, seed and mulch, hydro-seeding, sod and/or artificial coverings as shown on the construction plans and in accordance with the best management practices manual from the Mississippi Department of Environmental Quality, latest edition.

G. Temporary erosion control by artificial coverings shall consist of straw blankets, coconut fiber blankets, polyester blankets, jute mesh and drainage fabrics. Materials shall be installed in accordance with manufacturer's recommendations. Seeding shall be included if material requires vegetation to function properly.

H. The contractor is to provide erosion control/sedimentation barrier (straw bales, silt fence, turbidity barrier or as specified in the construction drawings) to prevent siltation of adjacent property, streets, storm sewers, waterways and wetland or jurisdictional areas, see chart 1, this sheet, for spacing requirements of type I, II and III sediment barriers. If, in the opinion of the engineer and/or regulatory authorities, excessive quantities of material are transported off-site by erosion or stormwater runoff, the contractor shall improve conditions to the satisfaction of the engineer and/or local, state or federal governing authorities at no additional cost to the owner. In no case shall construction commence prior to installation of erosion control/sedimentation barrier.

I. Storm drain inlets shall be protected by surrounding or covering with a filter material until final stabilization has been achieved as shown on the construction drawings and in accordance with the best management practices manual from the Mississippi Department of Environmental Quality, latest edition.

J. Place stone check dam in all natural or created drainageways, EXCEPT avoided jurisdictional waters, where pipes discharge water to trap sediment on site and do not allow it to go onto adjacent property. All sediment and erosion control structures shall be installed by a method acceptable to the engineer and/or to the local, state, or federal governing authorities at no additional cost to the owner.

K. Seed all swales and ditches to some type of permanent grass where slope of land does not exceed 2%.

L. If sub-surface water is encountered, contractor shall notify the engineer of record immediately. Installation of french drains shall be under the supervision of a soils laboratory.

M. All sediment and erosion control structures, gravel filters, silt fence and traps shall be inspected every 7 days and after all rainfalls that produce a discharge. An inspection report shall be made on each occasion, noting condition of all structures and outlining any required maintenance. All structures shall be cleaned and reestablished when sediment reaches 50% of storage capacity.

N. The contractor shall be familiar with, and knowledgeable of, all federal, state, and local codes, requirements, regulations, and specifications regarding the construction of this project. All materials, workmanship, installation, and restoration shall meet or exceed minimum requirements. Lack of details on the plans or absence of specific information shall not relieve the contractor of complying with all applicable codes, requirements, and specifications.

P. Provide silt fence or other control devices, as may be required, to control soil erosion during all utility construction. All disturbed areas shall be cleaned, graded, and stabilized with grassing immediately after the utility construction.

Q. Cut or fill slopes which exceed (8) vertical feet should be stabilized with synthetic or vegetative mats, in addition to hydroseeding. It may be necessary to install temporary slope drains during construction. Temporary berms may be needed daily until the slope is brought to grade.

R. All erosion control devices shall be properly maintained during all phases of construction activities and all disturbed areas have been stabilized. All controls and outfalls/discharge points shall be inspected after each rain event and at least four times per month in accordance with ACT6, S-5. Additional control devices may be required during construction in order to control erosion and/or offsite sedimentation. All temporary control devices shall be removed once construction is complete and the site is stabilized. Any additional temporary control devices that may be required shall be provided as part of this project at no additional cost to the owner.

S. The proposed work items shown on these plans does not relieve the contractor of ensuring that all local, state, and federal requirements for storm water pollution prevention, water quality and illegal point source discharge are strictly adhered to. Any and all action necessary to be in compliance with all regulations shall be the sole responsibility of the contractor.

4. OTHER POLLUTION SOURCES CONTROL REQUIREMENTS:

A. Trash receptacles and other waste-holding facilities shall be utilized at one or two locations on the project site to contain wastes and prevent its movement down-grade or offsite. These facilities shall be emptied, and waste disposed of on a weekly basis, or more often as needed.

B. The contractor shall take necessary action as required to minimize the tracking of mud/soil onto the paved roadway from the construction area. A construction entrance/exit should be installed at any location where construction site is directly accessed from a paved public road. The contractor shall daily remove mud/soil from pavement, as may be required.

C. Washing of construction vehicles on the site will not be allowed. Vehicles shall be transported to the contractor's yard and washed as needed.

D. The storage of all hazardous materials, fertilizers, chemicals, cements, solvents, paints, or other potential water pollutants shall be located in an isolated, level area, far from creek/wetland areas, where they will not cause pollution due to runoff during rainfall events and shall be stored in a hazmat approved facility. All MSDS sheets for each hazardous material shall be kept in the hazmat storage facility and a copy of the MSDS sheet shall be kept in the general contractor's office. Toxic chemicals and materials, such as pesticides, paints and acids, shall be stored according to the manufacturer's guidelines. Care shall be taken to prevent accidental spillage during use of the materials. Containers shall not be washed in or near flowing streams or stormwater handling systems (inlets, ditches, etc.).

E. Adequate sanitary facilities shall be provided for workers on the site in accordance with health department regulations. These facilities shall be regularly emptied and maintained and placed away from creeks/wetlands as far as possible and anchored to prevent overturning, as needed.

F. Allowable Non-Stormwater Discharges The following non-stormwater discharges are authorized and shall be combined with stormwater discharges, provided they are handled with the appropriate BMPs:

1. Discharges from fire-fighting activities.

2. Fire hydrant flushings. * Water used to control dust.

3. Potable water sources including uncontaminated water line flushings.

4. Uncontaminated air conditioning or compressor condensate.

5. Uncontaminated ground water or spring water. * Foundation or footing drains where flows are not contaminated with process materials such as solvents.

G. Spill Prevention and Response Procedures

1. Spill Prevention: * All hazardous materials (fuels, lubricants, paints, etc.) shall be stored in a hazmat approved facility with secondary containment. * Containers shall be kept tightly closed when not in use and stored away from drainage ditches or inlets. * The Storm Water Team shall conduct weekly inspections of storage areas for signs of leaks or corrosion.

2. Spill Response (The "4-Step Plan")

    - Step 1: Stop the Source. If safe to do so, the contractor shall immediately stop the leak (e.g., closing a valve or uprighting a container).

    - Step 2: Containment. Use "Oil-Drip" pads, socks, or dirt berms to prevent the spill from entering any storm drain, ditch, or creek.

    - Step 3: Cleanup. Use absorbent materials (sawdust, kitty litter, or spill pads). Contaminated soils must be excavated and disposed of according to MDEQ hazardous waste regulations.

    - Step 4: Notification. For spills of a "reportable quantity" or those reaching state waters, the operator shall immediately notify MEMA at (601) 352-9100 and the National Response Center at 1-800-424-8802.

3. Spill Kits: The contractor shall maintain at least two (2) fully stocked spill kits on-site at all times—one at the Hazmat storage facility and one near the active grading equipment.

5. INSPECTIONS AND MAINTENANCE

A. The contractor shall provide erosion control measures and maintenance of said measures as described above. In addition to inspections and maintenance noted in sections above, the site shall be inspected weekly for a minimum of four (4) inspections per month. Additional inspections are required following rainfall events that produce a runoff discharge. These inspections shall conform in similarity to Chapter 4, Inspector's Checklist and Troubleshooting Chart, Best Management Practices Manual, Mississippi Department of Environmental Quality, latest edition.

B. Contractor shall perform a daily walk thru of the project site to pick up any loose debris, litter or trash and dispose of all items in the waste receptacles shown.

C. All inspections for this SWPPP Plan shall be performed by Qualified Personnel and shall adhere to standard BMP's. Inspector will immediately notify the operator of this permit upon any knowledge of, or evidence thereof, of any events that may require additional work or of a discharge containing a hazardous substance equal to or more than a reporting quantity established under either 40 CFR 117 or 40 CFR 302, occurs during a 24-hour period.

D. Erosion and sediment controls shall be maintained at all times. All accumulated sediment shall be removed from structural controls when sediment deposits reach 1/3 to ½ the height of the control. All removed sediment deposits shall be properly disposed of in accordance with the approved SWPPP. Non-functioning controls shall be repaired, replace, or supplemented with functional controls within twenty-four (24) hours of discovery.

E. Operator is required to notify the Mississippi Emergency Management Agency (MEMA) at (601) 352- 9100 and the National Response Center at 1-800-424-8802 as soon as knowledge of a discharge of hazardous waste is obtained.

1. Within 14 days of the Operator having knowledge of a release of hazardous waste a written description of the release, include the type and estimated amount of release, date of release, circumstances leading up to the release, and remedial steps taken. The written description shall be sent to: MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
515 E. Amite Street
JACKSON, MS 39201
(Attn.: Chief, Environmental Permits Division)

2. SWPPP modifications must be done within 14-day calendar days of knowledge of the release.

F. Storm Water Team and Training Requirements

1. Storm Water Team: The contractor shall designate a specific Storm Water Team responsible for overseeing the implementation and maintenance of the SWPPP. This team is expected to:

   - Ensure all BMPs are installed correctly and maintained according to the phasing schedule. * Conduct all required weekly and post-rain event inspections. * Implement corrective actions within 24 hours of discovering a deficiency. * Maintain all on-site records, including inspection reports and the SWPPP itself.

2. Staff Training (ACT5, T-20): All personnel responsible for the design, installation, maintenance, and/or repair of controls, and those conducting inspections and taking corrective actions, must be trained. This training must cover: The contents of this SWPPP and the location of all structural and non-structural BMPs.

   - Proper procedures for installing and maintaining erosion and sediment controls. * Inspection and reporting procedures, including how to document "non-functioning" controls. * Procedures for hazardous material storage and spill response as detailed in Section 4.

3. Documentation of Training (ACT5, T-21): The contractor shall maintain documentation of all training sessions. These records must include:

   - The date of the training.

   - A summary of the topics covered.

   - The names and signatures of the personnel who attended the training. * These records shall be maintained on-site as part of the SWPPP.

6. SWPPP PLAN AMMENDMENTS

A. In the event the site construction plans are revised or modified in any manner that affects the SWPPP plan, the contractor shall amend the SWPPP plan permit and resubmit to the Mississippi Department of Environmental Quality (MDEQ).

B. If the contractor, owner, etc. that is responsible for implementing the SWPPP plan changes, an amended SWPPP plan permit shall be resubmitted to MDEQ.

C. All amendments to the original SWPPP plan shall be kept as attachments to the original SWPPP Plan.

D. SWPPP plan modifications must be done within 14 calendar days of release.

E. The contractor shall consult the Mississippi Department of Environmental Quality, Nonpoint Source Section, Best Management Practices Manual latest edition, for the recommended inspection procedure maintenance schedule of BMP controls.

7. RETENTION OF RECORDS

Permittee shall retain a copy of the SWPPP, all reports, records, and documentation required by this permit at the subject construction site, or an appropriate alternative location as specified in the NOI, from the date of project initiation to the date of final stabilization. Permittee shall retain copies of the SWPPP, all required reports, and data used to complete the NOI, for a period of at least 3 years from the date that the site is finally stabilized.

8. TMDL's

The nearest receiving water body is the Jourdan River (Waterbody ID: MS115M1), within the Coastal Streams Basin, having the following TMDL requirements:

TMDL for Fecal Coliform for the Jourdan River
- TMDL: 6.88 E+14 MPN/15 days

The proposed project is not anticipated to contribute to fecal coliform discharges. Furthermore, any stormwater discharges from the proposed project are not expected to negatively affect any future TMDL's that would be implemented.

SITE MAP

5/14/2026

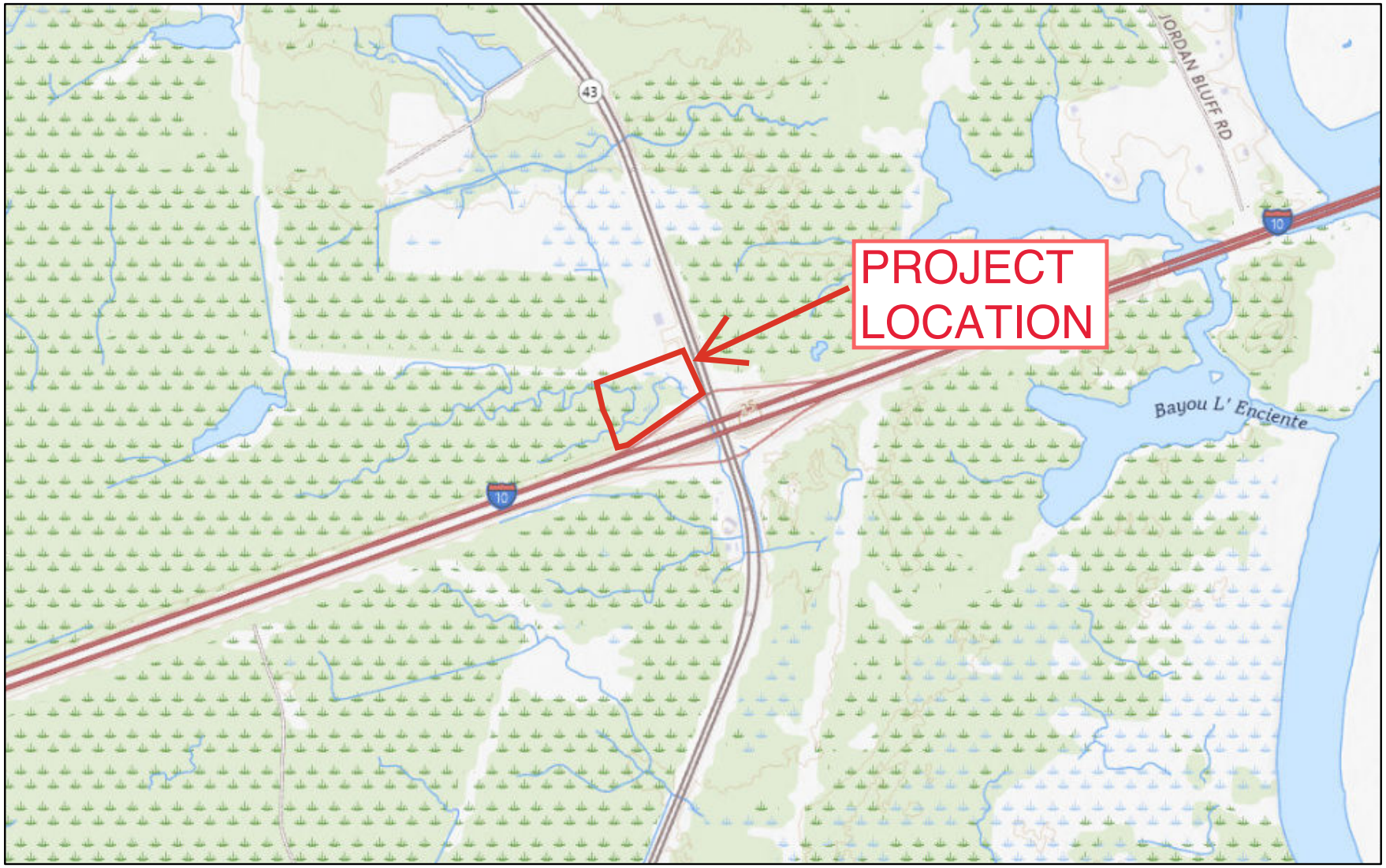
1:30,000

0 0.23 0.45 0.9 mi

0 0.35 0.7 1.4 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Source: Esri, USDA FSA

USGS QUAP MAP



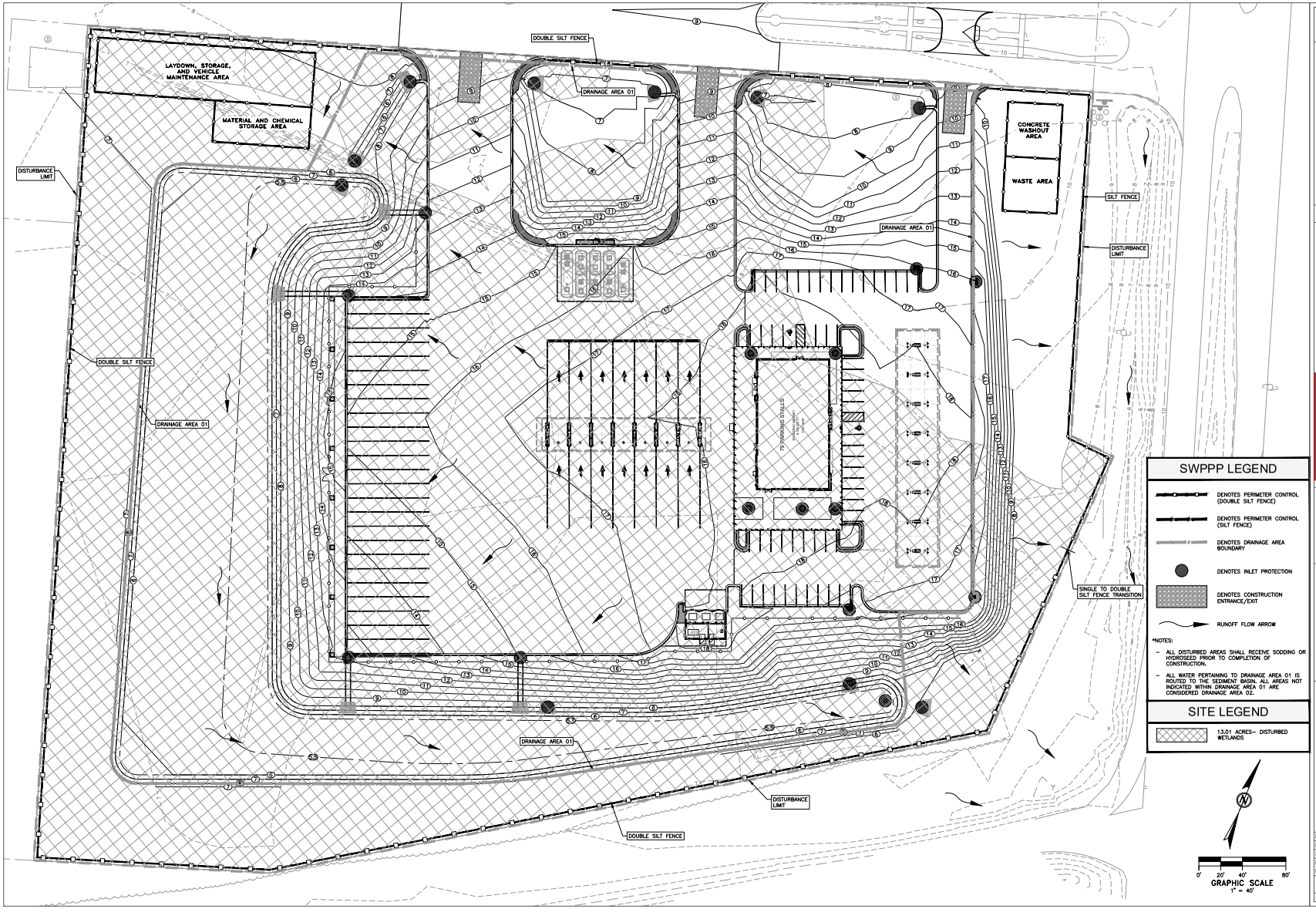
5/14/2026

1:20,000

0 0.15 0.3 0.6 mi

0 0.23 0.45 0.9 km

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography



NO.	DATE	ISSUED FOR PERMITTING
A	05.15.2026	

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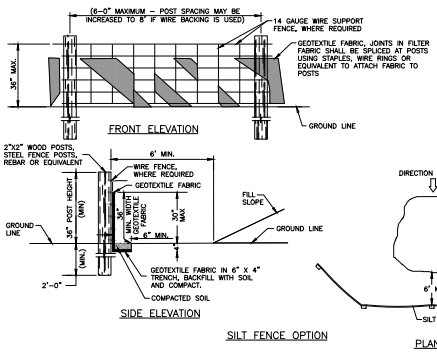
(770) 431-7600

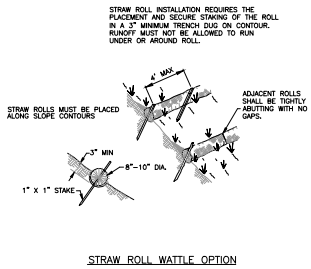
EROSION

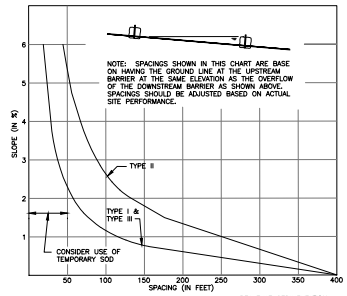
RACETRAC - BAY ST. LOUIS

I 10 - US 43
BAY ST. LOUIS, MS
HANCOCK COUNTY

DRAWN-BY	BNOBLIN
DATE	05. 15. 2026
SCALE	AS NOTED
DRAWING NAME:	RACETRAC BSL
SHEET NO.	C2
VERSION	A







THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING EACH AREA THAT SEDIMENTATION BARRIERS ARE REQUIRED AND DETERMINING IF, BASED ON THE ABOVE CHART, ADDITIONAL ROWS OF SEDIMENTATION BARRIERS ARE REQUIRED. THE STORMWATER POLLUTION PREVENTION PLAN IS ONLY A SCHEMATIC DRAWING OF THE BASIC REQUIREMENTS FOR A BEST MANAGEMENT PRACTICES PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ANY ADDITIONAL REQUIREMENTS FOR IMPLEMENTATION OF THIS PLAN.

CHART 1 (SPACING FOR SEDIMENT BARRIERS

PERIMETER CONTROL NOTES

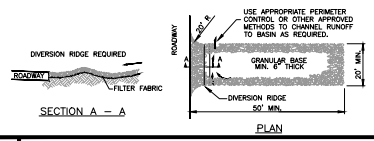
1. FILTER FABRIC FENCES SHALL BE INSTALLED ALONG CONTOUR WHENEVER POSSIBLE.
1. POSTS SHALL BE SPACED A MAXIMUM OF 6' O.C, SPACING MAY BE INCREASED TO 8' IF WIRE BACKING IS USED.
2. POSTS SHALL BE A MINIMUM OF 5'–0" IN LENGTH. IN ADDITION POSTS SHALL BE EITHER 2" x 2" N.D. WOOD POST OR HEAVY DUTY STEEL T–POSTS WITH PROJECTIONS FOR WIRE FASTENING.
3. WIRE SUPPORT FENCE SHALL BE A MINIMUM OF 36" IN HEIGHT, SHALL NOT EXTEND MORE THAN 36" ABOVE THE GROUND, AND SHALL EXTEND 2" INTO THE TRENCH.
4. WIRE FENCE SHALL BE A MINIMUM OF 14 GAUGE AND SHALL HAVE A MAXIMUM MESH SPACING OF 6". WIRE SHALL BE SECURELY FASTENED TO THE UPSLOPE, PROJECT SIDE OF POSTS USING HEAVY DUTY STAPLES (AT LEAST 1" LONG), TIE WIRES OR HOG RINGS.
5. GEOTEXTILE FABRIC SHALL BE A MINIMUM OF 36" IN HEIGHT, AND SHALL NOT EXTEND MORE THAN 36" ABOVE THE ORIGINAL GROUND SURFACE.
6. FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE AT THE TOP, MIDDLE, AND BOTTOM OF EACH POST. IN ADDITION THE FABRIC SHALL BE STAPLED OR WIRED TO THE WIRE FENCE APPROXIMATELY ONE HALF (1/2) THE DISTANCE BETWEEN THE POSTS AT THE TOP, MIDDLE AND BOTTOM OF THE WIRE FENCE.
7. GEOTEXTILE FABRIC SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM OF 3" OVERLAP. EACH FREE END OF THE FABRIC SHALL BE SECURELY TIED TO THE WIRE FENCE AT 6" O.C. VERTICALLY.
8. SILT FENCES SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT. THE ENTIRE LENGTH OF FENCE SHALL BE CHECKED FOR ANY DAMAGES ON A DAILY BASIS AND BEFORE AND AFTER ANY RAINFALL EVENT, FOR ANY DAMAGES. ANY DAMAGES FOUND SHALL BE REMEDIATED BEFORE THE DAY'S END AT NO ADDITIONAL COST TO THE OWNER.
9. SILT FENCES SHALL BE MAINTAINED TO PREVENT ANY MATERIAL FROM MIGRATING FROM THE UPSLOPE SIDE OF THE FENCE. ANY REQUIRED MAINTENANCE OF THE SILT FENCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH RAINFALL EVENT AND WHEN DEPOSITS REACH APPROXIMATELY ONE–HALF (1/2) THE HEIGHT OF THE FENCE.
11. IN ORDER TO PREVENT SEDIMENT LADEN STORM WATER FROM BY–PASSING THE FENCE, IN AREAS WHERE SILT FENCES ARE NOT UTILIZED ON ALL SIDES OF A DISTURBED AREA, THE FENCE SHALL EXTEND BEYOND THE DISTURBED AREA IN J–HOOK SHAPE ON EACH END AS SHOWN IN THE ISOLATED SILT FENCE INSTALLATION PLAN VIEW.

1 PERIMETER CONTROL DETAILS

NOT TO SCALE

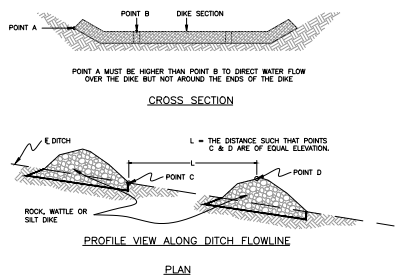
CONSTRUCTION ENTRANCE/EXIT NOTE

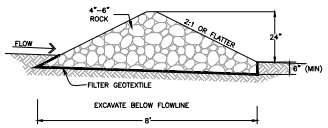
2. THE ENTRANCE SHALL BE PROPERLY MAINTAINED FOR THE DURATION OF THE PROJECT TO PREVENT THE TRACKING OF SEDIMENT ONTO PUBLIC RIGHT–OF–WAY. ALL MAINTENANCE AND REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. THE ENTRANCE SHALL BE CHECKED ON A DAILY BASIS AND BEFORE AND AFTER ANY RAINFALL EVENT FOR ANY DAMAGES. ANY DAMAGES FOUND SHALL BE REMEDIATED BEFORE THE DAYS END AT NO ADDITIONAL COST TO THE OWNER.
4. THE ENTRANCE SHALL BE PROPERLY GRADED TO PREVENT THE FLOW OF SEDIMENT ONTO PUBLIC RIGHT–OF–WAY. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS SHALL BE REMOVED IMMEDIATELY.
5. MEASURES SHALL BE TAKEN TO PREVENT VEHICULAR TRAFFIC FROM BYPASSING THE CONSTRUCTION ENTRANCE DURING INGRESS AND EGRESS.



2 CONSTRUCTION ENTRANCE/EXIT DETAIL

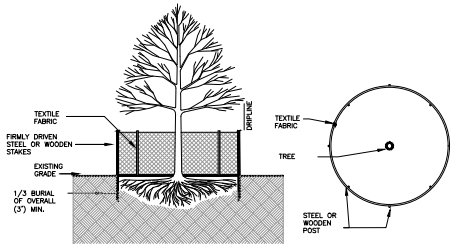
NOT TO SCALE





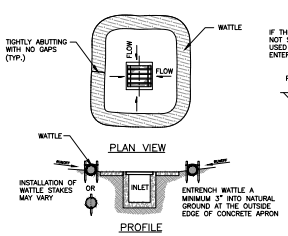
3 CHECK DAM PLACEMENT DETAIL

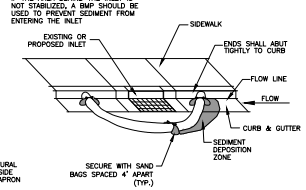
NOT TO SCALE

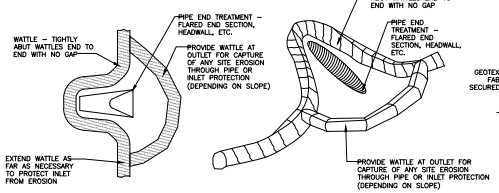


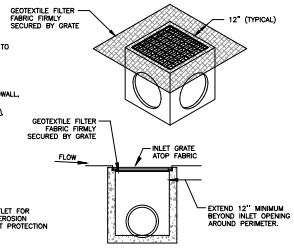
4 TREE PROTECTION PLACEMENT DETAIL

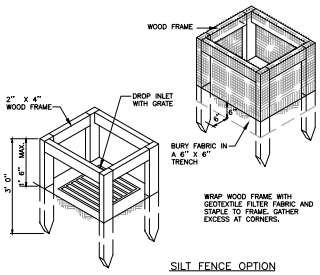
NOT TO SCALE











5 TYPICAL INLET PROTECTION DETAILS

NOT TO SCALE

A	ISSUED FOR PERMITTING	05.15.2026
NO.		DATE

918 Howard Ave Suite F
Biloxi, Mississippi 39530
P: 228.388.1930
www.mpdesigngroup.us
YOUR PROJECT . OUR PRIORITY . NO EXCUSES
MP DESIGN GROUP
MACHADO-PATANO-FERRRICK-JONES

RaceTrac
RACETRAC, INC.
200 CENTURY PARKWAY SE
SUITE 900 ATLANTA, GA 30339
(770) 431-7600

EROSION DETAILS

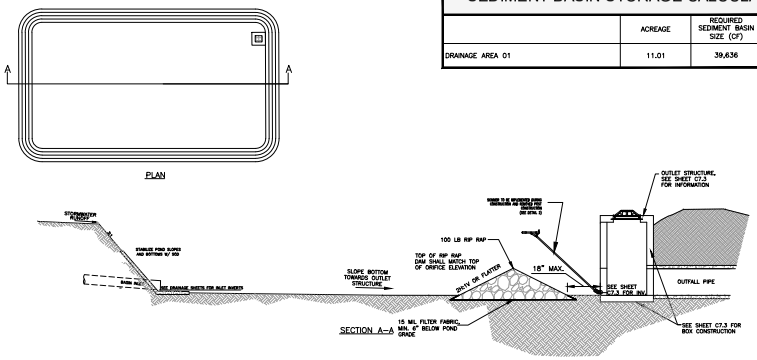
RACETRAC - BAY ST. LOUIS

I 10 - US 43
BAY ST. LOUIS, MS
HANCOCK COUNTY

DRAWN-BY	BNOBLIN
DATE	05.15.2026
SCALE	AS NOTED
DRAWING NAME:	RACETRAC BSL
C2.1	A
SHEET NO.	VERSION

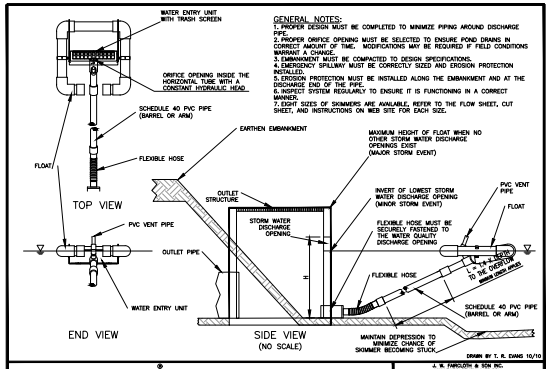
SEDIMENT BASIN STORAGE CALCULATIONS

	ACREAGE	REQUIRED SEDIMENT BASIN SIZE (CF)	PROVIDED SEDIMENT BASIN SIZE (CF)
DRAINAGE AREA 01	11.01	39,636	242,874



1 TYPICAL TEMPORARY SEDIMENTATION BASIN DETAILS

NOT TO SCALE



GENERAL NOTES:
1. PROPER DESIGN MUST BE COMPLETED TO MINIMIZE PIPING AROUND DISCHARGE PIPE.
2. PROPER ORIFICE OPENING MUST BE SELECTED TO ENSURE POND DRAINS IN CORRECT AMOUNT OF TIME. MODIFICATIONS MAY BE REQUIRED IF FIELD CONDITIONS WARRANT A CHANGE.
3. EMBANKMENT MUST BE COMPACTED TO DESIGN SPECIFICATIONS.
4. EMERGENCY SPILLWAY MUST BE CORRECTLY SIZED AND EROSION PROTECTION PROVIDED.
5. EROSION PROTECTION MUST BE INSTALLED ALONG THE EMBANKMENT AND AT THE DISCHARGE END OF THE PIPE.
6. INSPECT SYSTEM REGULARLY TO ENSURE IT IS FUNCTIONING IN A CORRECT MANNER.
7. EIGHT SIZES OF SKIMMERS ARE AVAILABLE, REFER TO THE FLOW SHEET, CUT SHEET, AND INSTRUCTIONS ON WEB SITE FOR EACH SIZE.

FAIRCLOTH SKIMMER DISCHARGE SYSTEM WITH OUTLET STRUCTURE

2 OUTFALL STRUCTURE SKIMMER DETAIL

NOT TO SCALE

NO.	DATE
A	05.15.2026

ISSUED FOR PERMITTING

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MACHADO-PATANO-TEFATSICK-JONES

RACETRAC, INC.
200 CENTURY PARKWAY SE
SUITE 900 ATLANTA, GA 30339
(770) 431-7600

EROSION DETAILS
RACETRAC - BAY ST. LOUIS
I 10 - US 43
BAY ST. LOUIS, MS
HANCOCK COUNTY

DRAWN-BY	BNOBLIN
DATE	05.15.2026
SCALE	AS NOTED
DRAWING NAME:	RACETRAC BSL
C2.2	A
SHEET NO.	VERSION

Appendix G
Construction Stormwater Coverage

Docusign Envelope ID: 19D1FB10-EB61-43C4-BD67-AE56FC1CDB37

AI 88393

MSR120025

Rec'd via email:
10/09/2026

MISSISSIPPI DEPARTMENT OF
ENVIRONMENTAL QUALITY

LARGE CONSTRUCTION NOTICE OF INTENT (LCNOI) FOR COVERAGE UNDER THE LARGE CONSTRUCTION STORM WATER GENERAL NPDES PERMIT

INSTRUCTIONS

The Large Construction Notice of Intent (LCNOI) is for coverage under the Large Construction General Permit for land disturbing activities of five (5) acres or greater; or for land disturbing activities, which are part of a larger common plan of development or sale that are initially less than five (5) acres but will ultimately disturb five (5) or more acres. Applicant must be the owner or operator. For construction activities, the operator is typically the prime contractor. The owner(s) of the property and the prime contractor associated with regulated construction activity on the property have joint and severable responsibility for compliance with the Large Construction Storm Water General Permit MSR10.

If the company seeking coverage is a corporation, a limited liability company, a partnership, or a business trust, attach proof of its registration with the Mississippi Secretary of State and/or its Certificate of Good Standing. This registration or Certificate of Good Standing must be dated within twelve (12) months of the date of the submittal of this coverage form. Coverage will be issued in the company name as it is registered with the Mississippi Secretary of State.

Completed LCNOIs should be filed at least thirty (30) days prior to the commencement of construction. Discharge of storm water from large construction activities without written notification of coverage is a violation of state law.

Submittals with this LCNOI must include:
- **A site-specific Storm Water Pollution Prevention Plan (SWPPP) developed in accordance with ACT5 of the General Permit**
- **A detailed site-specific scaled drawing showing the property layout and the features outlined in ACT5 of the General Permit**
- **A United States Geological Survey (USGS) quadrangle map or photocopy, extending at least one-half mile beyond the facility property boundaries with the site location and outfalls outlined or highlighted. The name of the quadrangle map must be shown on all copies. Quadrangle maps can be obtained from the MDEQ, Office of Geology at 601-961-5523.**

Additional submittals may include the following, if applicable:
- **Appropriate Section 404 documentation from U.S. Army Corps of Engineers**
- **Appropriate documentation concerning future disposal of sanitary sewage and sewage collection system construction**
- **Appropriate documentation from the MDEQ Office of Land & Water concerning dam construction and low flow requirements**
- **Approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties**
- **Antidegradation report for disturbance within Waters of the State**

ALL QUESTIONS MUST BE ANSWERED (Answer "NA" if the question is not applicable)

MSR10 __ __ __ __

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: ☑ **OWNER** ☐ **PRIME CONTRACTOR**

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Justen Giambalvo

OWNER COMPANY LEGAL NAME: RaceTrac, Inc.

OWNER STREET OR P.O. BOX: 200 Galleria Parkway, Ste 900

OWNER CITY: Atlanta **STATE:** GA **ZIP:** 30339

OWNER PHONE #: (770) 431-7600 **OWNER EMAIL:** jgiambalvo@racetrac.com

PREPARER CONTACT INFORMATION

IF NOI WAS PREPARED BY SOMEONE OTHER THAN THE APPLICANT

CONTACT PERSON: Blake Noblin E.I.

COMPANY LEGAL NAME: MP Design Group

STREET OR P.O. BOX: 918 Howard Avenue, Suite F.

CITY: Biloxi **STATE:** MS **ZIP:** 39530

PHONE # ( ) 228-388-1950 **EMAIL:** bnoblin@mpdesigngroup.us

PRIME CONTRACTOR CONTACT INFORMATION

PRIME CONTRACTOR CONTACT PERSON: _____

PRIME CONTRACTOR COMPANY LEGAL NAME: _____

PRIME CONTRACTOR STREET OR P.O. BOX: _____

PRIME CONTRACTOR CITY: _____ **STATE:** _____ **ZIP:** _____

PRIME CONTRACTOR PHONE #: (____)_____ **PRIME CONTRACTOR EMAIL:** _____

FACILITY SITE INFORMATION

FACILITY SITE NAME: RaceTrac Bay St. Louis

FACILITY SITE ADDRESS (If the physical address is not available, please indicate the nearest named road. For linear projects indicate the beginning of the project and identify all counties the project traverses.)

STREET: northwest corner of Highway 603 and Interstate 10

CITY: Bay St. Louis STATE: MS COUNTY: Hancock ZIP: 39520

FACILITY SITE TRIBAL LAND ID (N/A If not applicable): N/A

LATITUDE: 30 **degrees** 21 **minutes** 34.81 **seconds** **LONGITUDE:** 89 **degrees** 25 **minutes** 30.72 **seconds**

LAT & LONG DATA SOURCE (GPS *(Please GPS Project Entrance/Start Point)* or Map Interpolation): Google Earth

TOTAL ACREAGE THAT WILL BE DISTURBED [1]: 14.74

IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT? YES ☐ NO ☑

IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: _____
AND PERMIT COVERAGE NUMBER: MSR10_ _ _ _

ESTIMATED CONSTRUCTION PROJECT START DATE: 2027-01-01 (YYYY-MM-DD)

ESTIMATED CONSTRUCTION PROJECT END DATE: 2028-01-01 (YYYY-MM-DD)

DESCRIPTION OF CONSTRUCTION ACTIVITY: Construction of an 8100 sf building and supporting infrastructure

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:
Gas station and convenience store

SIC Code: 5 5 4 1 **NAICS Code** 4 5 7 1 1 0

NEAREST NAMED RECEIVING STREAM: Jourdan River (MS115M1)

IS RECEIVING STREAM ON MISSISSIPPI'S 303(d) LIST OF IMPAIRED WATER BODIES? (The 303(d) list of impaired waters and TMDL stream segments may be found on MDEQ's web site: http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section**)** YES ☐ NO ☑

HAS A TMDL BEEN ESTABLISHED FOR THE RECEIVING STREAM SEGMENT? FOR YES ☑ NO ☐

WHICH POLLUTANT: Fecal Coliform (2001)

ARE THERE RECREATIONAL STREAMS, PRIVATE/PUBLIC PONDS OR LAKES WITHIN ½ MILE DOWNSTREAM OF PROJECT BOUNDRY THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY? YES ☐ NO ☑

EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP):
Atmore silt loam

WILL FLOCCULANTS BE USED TO TREAT TURBIDITY IN STORM WATER? YES ☐ NO ☑

IF YES, INDICATE THE TYPE OF FLOCCULANT. ☐ **ANIONIC POLYACRYLIMIDE (PAM)**
☐ **OTHER** _____

IF YES, DOES THE SWPPP DESCRIBE THE METHOD OF INTRODUCTION, THE LOCATION OF INTRODUCTION AND THE LOCATION OF WHERE FLOCCULATED MATERIAL WILL SETTLE?

IS A SDS SHEET INCLUDED FOR THE FLOCCULATE? YES ☐ NO ☑

WILL THERE BE A 50 FT BUFFER BETWEEN THE PROJECT DISTURBANCE AND THE WATERS OF THE STATE? YES ☐ NO ☑

IF NOT, PROVIDE EQUIVALENT CONTROL MEASURES IN THE SWPPP.

[1]Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft^2 per lot (entire lot, if smaller) shall be included in calculating acreage disturbed.

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS

COVERAGE UNDER THIS PERMIT WILL NOT BE GRANTED UNTIL ALL OTHER REQUIRED MDEQ PERMITS AND APPROVALS ARE SATISFACTORILY ADDRESSED

IS LCNOI FOR A FACILITY THAT WILL REQUIRE OTHER PERMITS? YES ☑ NO ☐

IF YES, CHECK ALL THAT APPLY: ☐ AIR ☐ HAZARDOUS WASTE ☐ PRETREATMENT

☐ WATER STATE OPERATING ☐ INDIVIDUAL NPDES ☑ OTHER: Section 401 WQC and 404

IS THE PROJECT REROUTING, FILLING OR CROSSING A WATER CONVEYANCE OF ANY KIND? (If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements.) YES ☑ NO ☐

IF THE PROJECT REQUIRES A CORPS OF ENGINEER SECTION 404 PERMIT, PROVIDE APPROPRIATE DOCUMENTATION THAT:

-The project has been approved by individual permit, or
-The work will be covered by a nationwide permit and NO NOTIFICATION to the Corps is required, or
-The work will be covered by a nationwide or general permit and NOTIFICATION to the Corps is required

IS THE PROJECT REROUTING, FILLING OR CROSSING A STATE WATER CONVEYANCE OF ANY KIND? (If yes, please provide an antidegradation report.) YES ☑ NO ☐

IS A LAKE REQUIRING THE CONSTRUCTION OF A DAM BEING PROPOSED? (If yes, provide appropriate approval documentation from MDEQ Office of Land and Water, Dam Safety.) YES ☐ NO ☑

IF THE PROJECT IS A SUBDIVISION OR A COMMERCIAL DEVELOPMENT, HOW WILL SANITARY SEWAGE BE DISPOSED? Check one of the following and attach the pertinent documents.

☑ **Existing Municipal or Commercial System. Please attach plans and specifications for the collection system and the associated "Information Regarding Proposed Wastewater Projects" form or approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties. If the plans and specifications can not be provided at the time of LCNOI submittal, MDEQ will accept written acknowledgement from official(s) responsible for wastewater collection and treatment that the flows generated from the proposed project can and will be transported and treated properly. The letter must include the estimated flow.**

☐ **Collection and Treatment System will be Constructed. Please attach a copy of the cover of the NPDES discharge permit from MDEQ or indicate the date the application was submitted to MDEQ (Date: _____.)**

☐ **Individual Onsite Wastewater Disposal Systems for Subdivisions Less than 35 Lots. Please attach a copy of the Letter of General Acceptance from the Mississippi State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.**

☐ **Individual Onsite Wastewater Disposal Systems for Subdivisions Greater than 35 Lots. A determination of the feasibility of installing a central sewage collection and treatment system must be made by MDEQ. A copy of the response from MDEQ concerning the feasibility study must be attached. If a central collection and wastewater system is not feasible, then please attach a copy of the Letter of General Acceptance from the State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.**

INDICATE ANY LOCAL STORM WATER ORDINANCE (I.E. MS4)WITH WHICH THE PROJECT MUST COMPLY:

Stormwater shall comply with MDEQ standards and Bay St. Louis MS4 standards.

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.

Signed by:
Justen Giambalvo
8F27B30095F23475...

Signature of Applicant[1] (owner or prime contractor)

5/13/2026

Date Signed

Justen Giambalvo

Printed Name[1]

Vice President of Engineering and Construction

Title

[1]This application shall be signed as follows:

- **For a corporation, by a responsible corporate officer.**
- **For a partnership, by a general partner.**
- **For a sole proprietorship, by the proprietor.**

For a municipal, state or other public facility, by principal executive officer, mayor, or ranking elected official

Please submit the LCNOI form to:

Chief, Environmental Permits Division
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225

Electronically: **https://www.mdeq.ms.gov/construction-stormwater/**

Revised 3/23/22