AI: 85225

Coverage # : MSR109113



Rec'd via email: 10/18/2023

### 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 OUESTIONS MUST BE ANSWERED (Answer "NA" if the question is not applicable)



(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE:	☐ OWNER ☐ PRIME CONTRACTO	OR
	OWNER CONTACT INFORMATION	N
OWNER CONTACT PERSON:		
	<b>ИЕ:</b>	
	STATE:	
	OWNER EMAIL:	
	PREPARER CONTACT INFORMATIO	
	ONE OTHER THAN THE APPLICANT	711
CONTACT PERSON:		
COMPANY LEGAL NAME:		
STREET OR P.O. BOX:		
CITY:	STATE:	ZIP:
PHONE # ( )	EMAIL:	
PRIME CONTRACTOR CON		
PRIME CONTRACTOR CONTAC	CT PERSON:	
	NY LEGAL NAME:	
	OR P.O. BOX:	
PRIME CONTRACTOR CITY:	STATE:	ZIP:
	e: () PRIME CONTRACTOR E	
	FACILITY SITE INFORMATION	
FACILITY SITE NAME:		
<b>FACILITY SITE ADDRESS</b> (If the indicate the beginning of the project a	physical address is not available, please indicate the nd identify all counties the project traverses.)	e nearest named road. For linear projects
STREET:	STATE:COUNTY:	7ID·
EACH ITV SITE TOIRAL LAND I	D (N/A If not applicable):	
	nutes seconds LONGITUDE: degre	
LATITUDE: degrees iiiii		
LAT & LONG DATA SOUDCE (CI	DC (DL CDC D + F+ (C4+ D+) M I+	
	PS (Please GPS Project Entrance/Start Point) or Map Interpol  BE DISTURBED 1:	

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:	YYYY-MM-DD	
ESTIMATED CONSTRUCTION PROJECT END DATE:	YYYY-MM-DD	
DESCRIPTION OF CONSTRUCTION ACTIVITY:		
PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BE	EN COMPLETED:	
SIC Code: NAICS Code		
NEAREST NAMED RECEIVING STREAM:		
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 http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section)	YES□ on MDEQ's web site:	NO□
HAS A TMDL BEEN ESTABLISHED FOR THE RECEIVING STREAM	YES□	$NO\square$
SEGMENT? FOR WHICH POLLUTANT: Low Do, Sediment, and Phosphorous		
ARE THERE RECREATIONAL STREAMS, PRIVATE/PUBLIC PONDS OR LAKES WITHIN ½ MILE DOWNSTREAM OF PROJECT BOUNDRY THAT MAY BE IMPACACTIVITY?	YES □ TED BY THE CONST	NO □ RUCTION
EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPI	PP):	
WILL FLOCCULANTS BE USED TO TREAT TURBIDITY IN STORM WATER?	YES□	NO□
IF YES, INDICATE THE TYPE OF FLOCCULANT.  □ ANIONIC POLYACI □ OTHER	RYLIMIDE (PAM)	
IF YES, DOES THE SWPPP DESCRIBE THE METHOD OF INTRODUCTION, THE L AND THE LOCATION OF WHERE FLOCCULATED MATERIAL WILL SETTLE?	OCATION OF INTRO	DUCTION
IS A SDS SHEET INCLUDED FOR THE FLOCCULATE?	YES 🗆	NO□
WILL THERE BE A 50 FT BUFFER BETWEEN THE PROJECT DISTURBANCE AND STATE?	THE WATERS OF T YES □	HE NO□
IF NOT, PROVIDE EQUIVALENT CONTROL MEASURES IN THE SWPPP.		

<sup>&</sup>lt;sup>1</sup>Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft<sup>2</sup> 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: $\Box$ AIR $\Box$ HAZARDOUS WASTE	□ PRETREATMEN	ΙТ
$\square$ WATER STATE OPERATING $\square$ INDIVIDUAL NPDES	□ OTHER:	
IS THE PROJECT REROUTING, FILLING OR CROSSING A WATER CONVEYAN OF ANY KIND? (If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch	CE YES □ for permitting requirem	NO □ nents.)
IF THE PROJECT REQUIRES A CORPS OF ENGINEER SECTION 404 PERMIT, PLOCUMENTATION THAT:	ROVIDE APPROPRIAT	Γ <b>E</b>
-The project has been approved by individual permit, or -The work will be covered by a nationwide permit and NO NOTIFICATION to the Corp -The work will be covered by a nationwide or general permit and NOTIFICATION to th	os is required, or ne Corps is required	
IS THE PROJECT REROUTING, FILLING OR CROSSING A STATE WATER CON OF ANY KIND? (If yes, please provide an antidegradation report.)	VEYANCE 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 W	YES □ Vater, Dam Safety.)	NO □
IF THE PROJECT IS A SUBDIVISION OR A COMMERCIAL DEVELOPMENT, HO BE DISPOSED? Check one of the following and attach the pertinent documents.	W WILL SANITARY S	EWAGE
Existing Municipal or Commercial System. Please attach plans and specifications associated "Information Regarding Proposed Wastewater Projects" form or appre Hancock, Harrison, Jackson, Pearl River and Stone Counties. If the plans and specificat of LCNOI submittal, MDEQ will accept written acknowledgement from official(s) collection and treatment that the flows generated from the proposed project can approperly. The letter must include the estimated flow.	oval from County Utility A tions can not be provided responsible for wastewa	Authority in d at the time liter
Collection and Treatment System will be Constructed. Please attach a copy of the permit from MDEQ or indicate the date the application was submitted to MDEQ (	cover of the NPDES disc (Date:	harge )
☐ Individual Onsite Wastewater Disposal Systems for Subdivisions Less than 35 Lot of General Acceptance from the Mississippi State Department of Health or certific engineer that the platted lots should support individual onsite wastewater disposal	ation from a registered	f the Letter professional
Individual Onsite Wastewater Disposal Systems for Subdivisions Greater than 35 feasibility of installing a central sewage collection and treatment system must be more response from MDEQ concerning the feasibility study must be attached. If a central is not feasible, then please attach a copy of the Letter of General Acceptance from certification from a registered professional engineer that the platted lots should sudisposal systems.	nade by MDEQ. A copy ral collection and wastev the State Department of	of the vater system Health or
INDICATE ANY LOCAL STORM WATER ORDINANCE (I.E. MS4)WITH WHICH T	THE PROJECT MUST (	COMPLY:

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 of Applicant (owner or prime contractor)

RITEN (RON) PATEL

<sup>1</sup>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

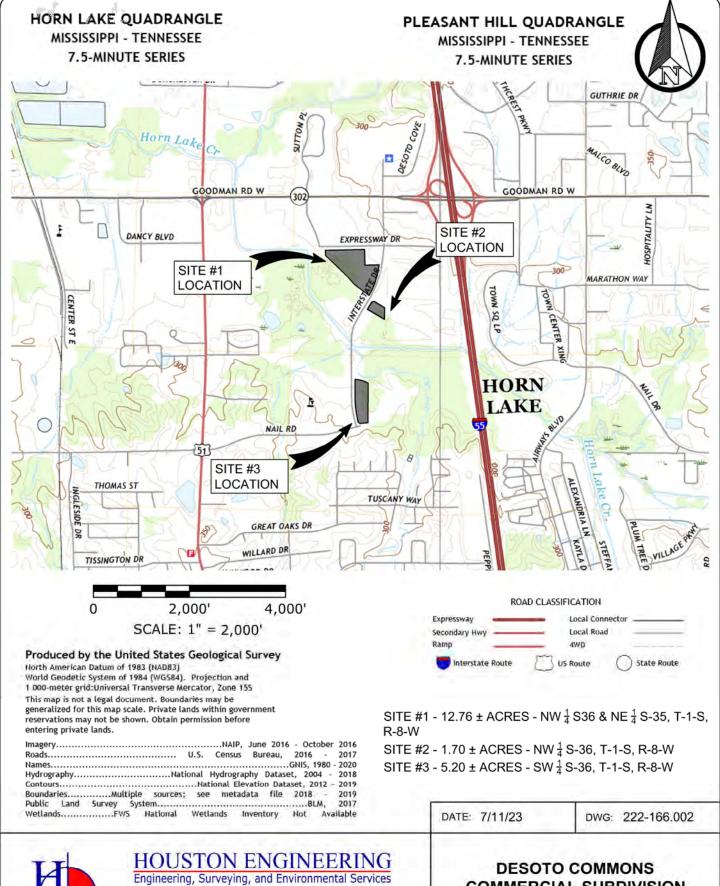
P.O. Box 2261

Jackson, Mississippi 39225

Electronically:

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

Revised 3/23/22





P.O. Box 3087 Oxford, Mississippi 38655

Phone: (662) 647-1312 E-mail: byron@houstonengr.com

## COMMERCIAL SUBDIVISION

19.66 ± ACRES IN DESOTO COUNTY, MS

## STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SITE #2 INFORMATION

THIS SITE WILL BE USED FOR A COMMERCIAL FUELING STATION LOCATED ON 1.70 ACRES WITH A TOTAL DISTURBED AREA OF 1.60 ACRES. THE PROPERTY DRAINS TO A DITCH LOCATED ADJACENT TO BOTH EXPRESSWAY DRIVE AND INTERSTATE BOULEVARD. ALL DRAINAGE FROM THE SITE DRAINS INTO LOCAL DITCHES AND EVENTUALLY INTO HORN LAKE CREEK WHICH, AS OF 2022, IS NOT ON THE 303(D) LIST FOR SILTATION, TURBIDITY OR HABITAT ALTERATIONS; HOWEVER, ADDITIONAL CONTROLS THAT ARE WARRANTED FOR A SITE DISCHARGING INTO A LISTED RECEIVING STREAMS ARE REQUIRED FOR ORGANIC ENRICHMENT/LOW DISSOLVED OXYGEN, SEDIMENT, AND TOTAL PHOSPHOROUS.

#### **CONTROLS**

VEGETATIVE CONTROLS: EFFORTS TO MAINTAIN A 10-FOOT UNDISTURBED VEGETATIVE BUFFER ZONE WILL BE MADE WHEN PRACTICAL ON ALL SIDES OF THE PROPERTY BOUNDARY. THE CONTRACTOR WILL MAINTAIN BUFFERS ON A ROTATING BASIS. WHEN A BUFFER IS DISTURBED TO COMPLETE GRADING, THE GRADING SHALL BE COMPLETED AND STABILIZED BEFORE DISTURBING OTHER BUFFER AREAS. ALL DIVERSIONS WILL BE SEEDED (PERMANENT SEEDING) IMMEDIATELY, MEANING THE NEXT DAY, AFTER CONSTRUCTING. ALL 3:1 CUT SLOPES WILL BE ROUGHENED BY DISKING PRIOR TO SEEDING. ANY DISTURBED AREAS THAT WILL BE LEFT UNDISTURBED FOR 14 OR MORE DAYS WILL BE SEEDED (TEMPORARY SEEDING) IMMEDIATELY. AFTER FINAL GRADING, ALL DISTURBED AREAS WILL BE SEEDED (PERMANENT SEEDING) OR SODDEN IMMEDIATELY PER LANDSCAPING PLANS.

STRUCTURAL CONTROLS: UPSLOPE WATERS WILL BE DIVERTED AROUND DISTURBED AREAS AND ALL SLOPES WILL BE 3:1 GRADE OR FLATTER. SILT FENCING AROUND ALL STORM-DRAIN INLET STRUCTURES AND ALONG THE ROADWAY AS CHECKS AFTER FINISH GRADE IS REACHED AS WELL AROUND STOCKPILED TOPSOIL. RIPRAP ENERGY DISSIPATERS WILL BE INSTALLED AT ALL CULVERT OUTLET APRONS AS SHOWN.

HOUSEKEEPING PRACTICES: ALL EQUIPMENT MAINTENANCE AND REPAIR WILL BE DONE OFFSITE. A TRASH DUMPSTER WILL BE PLACED ONSITE AND EMPTIED AS NECESSARY BY THE CONTRACTED SERVICE PROVIDER. PAINTS, SOLVENTS, FERTILIZERS, OR ANY OTHER POTENTIALLY TOXIC MATERIALS SHALL NOT BE STORED ON SITE. PORTABLE SANITARY FACILITIES SHALL BE PROVIDED DURING CONSTRUCTION. ANY ACCUMULATION OF MUD ON VEHICLE TIRES ACCESSING THE REQUIRED CONSTRUCTION ENTRANCE WILL BE WASHED DURING MUDDY CONDITIONS.

POST CONSTRUCTION/STORM WATER MANAGEMENT MEASURES: RIPRAP WILL BE PLACED AS AND IF NEEDED AT CONCENTRATED STORM WATER DISCHARGE POINTS TO PREVENT EROSION FROM HIGH RUNOFF VELOCITIES.

#### **IMPLEMENTATION SEQUENCE**

- 1) BUILD CONSTRUCTION ENTRANCE/EXIT.
- 2) INSTALL SILT FENCE AROUND EXCAVATION LIMITS WITHOUT DISTURBING BUFFER ZONES.
- 3) CLEAR AND GRUB AREAS TO BE GRADED USING BEST MANAGEMENT PRACTICES
- 4) INSTALL ENERGY DISSIPATERS AS SHOWN ON THE PLANS.
- 5) PLANT TEMPORARY VEGETATION AS NECESSARY TO PREVENT SEDIMENTATION AND TO PROTECT SLOPES. (TEMPORARY MULCH WEEKLY) FINISH GRADE ALL SLOPES.
- 6) PLANT PERMANENT VEGETATION AND TOPSOIL FOR LANDSCAPING PER PLANS.
- 7) AFTER SITE IS STABILIZED, REMOVE TEMPORARY MEASURES, VEGETATE ADDITIONAL AREAS AS REQUIRED.

#### **MAINTENANCE PLAN**

CHECK ALL DISTURBED AREAS, EROSION AND SEDIMENT CONTROLS AFTER EACH SIGNIFICANT RAINFALL BUT NOT LESS THAN ONCE PER WEEK FOR A MINIMUM OF FOUR INSPECTIONS PER MONTH. MAKE NEEDED REPAIRS WITHIN 24 HOURS. REMOVE SEDIMENT FROM SILT FENCES AND SEDIMENTATION BASINS WHEN ACCUMULATED SEDIMENT HAS REACHED 50 PERCENT CAPACITY. REPLACE ANY NON-FUNCTIONAL SILT FENCE. MAINTAIN ALL VEGETATED AREAS TO PROVIDE PROPER GROUND COVER - RESEED. FERTILIZE, AND MULCH AS NEEDED. INSTALLATION OF ALL MEASURES, DEVIATIONS/AMMENDMENTS FROM OR TO THE SWPPP, MONITORING, AND REPORTING SHALL BE BY QCP QUALIFIED PERSONNEL WHO WILL MAINTAIN ALL SWPP DOCUMENTATION ON-SITE, BE RESPOSIBLE FOR THE DESIGN. INSTALLATION, AND MAINTENANCE/REPAIR OF ALL STORMWATER CONTROLS AND PRACTICES DESCRIBED WITHIN THE SWPP. THESE PERSONNEL WILL MAKE UP THE STORMWATER TEAM IN CHARGE OF RECORDKEEPING AND ENSURING COMPLIANCE ACTIVITIES ARE DONE PROPERLY AND IN A TIMELY MANNER.

### STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SITE #3 INFORMATION

THIS SITE WILL BE USED FOR A COMMERCIAL FUELING STATION LOCATED ON 5.20 ACRES WITH A TOTAL DISTURBED AREA OF 4.96 ACRES. THE PROPERTY DRAINS TO A DITCH LOCATED ADJACENT TO BOTH EXPRESSWAY DRIVE AND INTERSTATE BOULEVARD. ALL DRAINAGE FROM THE SITE DRAINS INTO LOCAL DITCHES AND EVENTUALLY INTO HORN LAKE CREEK WHICH, AS OF 2022, IS NOT ON THE 303(D) LIST FOR SILTATION, TURBIDITY OR HABITAT ALTERATIONS; HOWEVER, ADDITIONAL CONTROLS THAT ARE WARRANTED FOR A SITE DISCHARGING INTO A LISTED RECEIVING STREAMS ARE REQUIRED FOR ORGANIC ENRICHMENT/LOW DISSOLVED OXYGEN, SEDIMENT, AND TOTAL PHOSPHOROUS.

#### **CONTROLS**

VEGETATIVE CONTROLS: EFFORTS TO MAINTAIN A 10-FOOT UNDISTURBED VEGETATIVE BUFFER ZONE WILL BE MADE WHEN PRACTICAL ON ALL SIDES OF THE PROPERTY BOUNDARY. THE CONTRACTOR WILL MAINTAIN BUFFERS ON A ROTATING BASIS. WHEN A BUFFER IS DISTURBED TO COMPLETE GRADING, THE GRADING SHALL BE COMPLETED AND STABILIZED BEFORE DISTURBING OTHER BUFFER AREAS. ALL DIVERSIONS WILL BE SEEDED (PERMANENT SEEDING) IMMEDIATELY, MEANING THE NEXT DAY, AFTER CONSTRUCTING. ALL 3:1 CUT SLOPES WILL BE ROUGHENED BY DISKING PRIOR TO SEEDING. ANY DISTURBED AREAS THAT WILL BE LEFT UNDISTURBED FOR 14 OR MORE DAYS WILL BE SEEDED (TEMPORARY SEEDING) IMMEDIATELY. AFTER FINAL GRADING, ALL DISTURBED AREAS WILL BE SEEDED (PERMANENT SEEDING) OR SODDEN IMMEDIATELY PER LANDSCAPING PLANS.

STRUCTURAL CONTROLS: UPSLOPE WATERS WILL BE DIVERTED AROUND DISTURBED AREAS AND ALL SLOPES WILL BE 3:1 GRADE OR FLATTER. SILT FENCING AROUND ALL STORM-DRAIN INLET STRUCTURES AND ALONG THE ROADWAY AS CHECKS AFTER FINISH GRADE IS REACHED AS WELL AROUND STOCKPILED TOPSOIL. RIPRAP ENERGY DISSIPATERS WILL BE INSTALLED AT ALL CULVERT OUTLET APRONS AS SHOWN.

HOUSEKEEPING PRACTICES: ALL EQUIPMENT MAINTENANCE AND REPAIR WILL BE DONE OFFSITE. A TRASH DUMPSTER WILL BE PLACED ONSITE AND EMPTIED AS NECESSARY BY THE CONTRACTED SERVICE PROVIDER. PAINTS, SOLVENTS, FERTILIZERS, OR ANY OTHER POTENTIALLY TOXIC MATERIALS SHALL NOT BE STORED ON SITE. PORTABLE SANITARY FACILITIES SHALL BE PROVIDED DURING CONSTRUCTION. ANY ACCUMULATION OF MUD ON VEHICLE TIRES ACCESSING THE REQUIRED CONSTRUCTION ENTRANCE WILL BE WASHED DURING MUDDY CONDITIONS.

POST CONSTRUCTION/STORM WATER MANAGEMENT MEASURES: RIPRAP WILL BE PLACED AS AND IF NEEDED AT CONCENTRATED STORM WATER DISCHARGE POINTS TO PREVENT EROSION FROM HIGH RUNOFF VELOCITIES.

#### **IMPLEMENTATION SEQUENCE**

- 1) BUILD CONSTRUCTION ENTRANCE/EXIT.
- 2) INSTALL SILT FENCE AROUND EXCAVATION LIMITS WITHOUT DISTURBING BUFFER ZONES.
- 3) CLEAR AND GRUB AREAS TO BE GRADED USING BEST MANAGEMENT PRACTICES
- 4) INSTALL ENERGY DISSIPATERS AS SHOWN ON THE PLANS.
- 5) PLANT TEMPORARY VEGETATION AS NECESSARY TO PREVENT SEDIMENTATION AND TO PROTECT SLOPES. (TEMPORARY MULCH WEEKLY) FINISH GRADE ALL SLOPES.
- 6) PLANT PERMANENT VEGETATION AND TOPSOIL FOR LANDSCAPING PER PLANS.
- 7) AFTER SITE IS STABILIZED, REMOVE TEMPORARY MEASURES, VEGETATE ADDITIONAL AREAS AS REQUIRED.

#### **MAINTENANCE PLAN**

CHECK ALL DISTURBED AREAS, EROSION AND SEDIMENT CONTROLS AFTER EACH SIGNIFICANT RAINFALL BUT NOT LESS THAN ONCE PER WEEK FOR A MINIMUM OF FOUR INSPECTIONS PER MONTH. MAKE NEEDED REPAIRS WITHIN 24 HOURS. REMOVE SEDIMENT FROM SILT FENCES AND SEDIMENTATION BASINS WHEN ACCUMULATED SEDIMENT HAS REACHED 50 PERCENT CAPACITY. REPLACE ANY NON-FUNCTIONAL SILT FENCE. MAINTAIN ALL VEGETATED AREAS TO PROVIDE PROPER GROUND COVER - RESEED. FERTILIZE, AND MULCH AS NEEDED. INSTALLATION OF ALL MEASURES, DEVIATIONS/AMMENDMENTS FROM OR TO THE SWPPP, MONITORING, AND REPORTING SHALL BE BY QCP QUALIFIED PERSONNEL WHO WILL MAINTAIN ALL SWPP DOCUMENTATION ON-SITE, BE RESPOSIBLE FOR THE DESIGN. INSTALLATION, AND MAINTENANCE/REPAIR OF ALL STORMWATER CONTROLS AND PRACTICES DESCRIBED WITHIN THE SWPP. THESE PERSONNEL WILL MAKE UP THE STORMWATER TEAM IN CHARGE OF RECORDKEEPING AND ENSURING COMPLIANCE ACTIVITIES ARE DONE PROPERLY AND IN A TIMELY MANNER.

# STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SITE #1 INFORMATION

THIS SITE WILL BE USED FOR A COMMERCIAL FUELING STATION LOCATED ON 12.76 ACRES WITH A TOTAL DISTURBED AREA OF 12.65 ACRES. THE PROPERTY DRAINS TO A DITCH LOCATED ADJACENT TO BOTH EXPRESSWAY DRIVE AND INTERSTATE BOULEVARD. ALL DRAINAGE FROM THE SITE DRAINS INTO LOCAL DITCHES AND EVENTUALLY INTO HORN LAKE CREEK WHICH, AS OF 2022, IS NOT ON THE 303(D) LIST FOR SILTATION, TURBIDITY OR HABITAT ALTERATIONS; HOWEVER, ADDITIONAL CONTROLS THAT ARE WARRANTED FOR A SITE DISCHARGING INTO A LISTED RECEIVING STREAMS ARE REQUIRED FOR ORGANIC ENRICHMENT/LOW DISSOLVED OXYGEN, SEDIMENT, AND TOTAL PHOSPHOROUS.

#### **CONTROLS**

VEGETATIVE CONTROLS: EFFORTS TO MAINTAIN A 10-FOOT UNDISTURBED VEGETATIVE BUFFER ZONE WILL BE MADE WHEN PRACTICAL ON ALL SIDES OF THE PROPERTY BOUNDARY. THE CONTRACTOR WILL MAINTAIN BUFFERS ON A ROTATING BASIS. WHEN A BUFFER IS DISTURBED TO COMPLETE GRADING, THE GRADING SHALL BE COMPLETED AND STABILIZED BEFORE DISTURBING OTHER BUFFER AREAS. ALL DIVERSIONS WILL BE SEEDED (PERMANENT SEEDING) IMMEDIATELY, MEANING THE NEXT DAY, AFTER CONSTRUCTING. ALL 3:1 CUT SLOPES WILL BE ROUGHENED BY DISKING PRIOR TO SEEDING. ANY DISTURBED AREAS THAT WILL BE LEFT UNDISTURBED FOR 14 OR MORE DAYS WILL BE SEEDED (TEMPORARY SEEDING) IMMEDIATELY. AFTER FINAL GRADING, ALL DISTURBED AREAS WILL BE SEEDED (PERMANENT SEEDING) OR SODDEN IMMEDIATELY PER LANDSCAPING PLANS.

STRUCTURAL CONTROLS: UPSLOPE WATERS WILL BE DIVERTED AROUND DISTURBED AREAS AND ALL SLOPES WILL BE 3:1 GRADE OR FLATTER. SILT FENCING AROUND ALL STORM-DRAIN INLET STRUCTURES AND ALONG THE ROADWAY AS CHECKS AFTER FINISH GRADE IS REACHED AS WELL AROUND STOCKPILED TOPSOIL. RIPRAP ENERGY DISSIPATERS WILL BE INSTALLED AT ALL CULVERT OUTLET APRONS AS SHOWN.

HOUSEKEEPING PRACTICES: ALL EQUIPMENT MAINTENANCE AND REPAIR WILL BE DONE OFFSITE. A TRASH DUMPSTER WILL BE PLACED ONSITE AND EMPTIED AS NECESSARY BY THE CONTRACTED SERVICE PROVIDER. PAINTS, SOLVENTS, FERTILIZERS, OR ANY OTHER POTENTIALLY TOXIC MATERIALS SHALL NOT BE STORED ON SITE. PORTABLE SANITARY FACILITIES SHALL BE PROVIDED DURING CONSTRUCTION. ANY ACCUMULATION OF MUD ON VEHICLE TIRES ACCESSING THE REQUIRED CONSTRUCTION ENTRANCE WILL BE WASHED DURING MUDDY CONDITIONS.

POST CONSTRUCTION/STORM WATER MANAGEMENT MEASURES: RIPRAP WILL BE PLACED AS AND IF NEEDED AT CONCENTRATED STORM WATER DISCHARGE POINTS TO PREVENT EROSION FROM HIGH RUNOFF VELOCITIES.

#### **IMPLEMENTATION SEQUENCE**

- 1) BUILD CONSTRUCTION ENTRANCE/EXIT.
- 2) INSTALL SILT FENCE AROUND EXCAVATION LIMITS WITHOUT DISTURBING BUFFER ZONES.
- 3) CLEAR AND GRUB AREAS TO BE GRADED USING BEST MANAGEMENT PRACTICES
- 4) INSTALL ENERGY DISSIPATERS AS SHOWN ON THE PLANS.
- 5) PLANT TEMPORARY VEGETATION AS NECESSARY TO PREVENT SEDIMENTATION AND TO PROTECT SLOPES. (TEMPORARY MULCH WEEKLY) FINISH GRADE ALL SLOPES.
- 6) PLANT PERMANENT VEGETATION AND TOPSOIL FOR LANDSCAPING PER PLANS.
- 7) AFTER SITE IS STABILIZED, REMOVE TEMPORARY MEASURES, VEGETATE ADDITIONAL AREAS AS REQUIRED.

#### **MAINTENANCE PLAN**

CHECK ALL DISTURBED AREAS, EROSION AND SEDIMENT CONTROLS AFTER EACH SIGNIFICANT RAINFALL BUT NOT LESS THAN ONCE PER WEEK FOR A MINIMUM OF FOUR INSPECTIONS PER MONTH. MAKE NEEDED REPAIRS WITHIN 24 HOURS. REMOVE SEDIMENT FROM SILT FENCES AND SEDIMENTATION BASINS WHEN ACCUMULATED SEDIMENT HAS REACHED 50 PERCENT CAPACITY. REPLACE ANY NON-FUNCTIONAL SILT FENCE. MAINTAIN ALL VEGETATED AREAS TO PROVIDE PROPER GROUND COVER - RESEED. FERTILIZE, AND MULCH AS NEEDED. INSTALLATION OF ALL MEASURES, DEVIATIONS/AMMENDMENTS FROM OR TO THE SWPPP, MONITORING, AND REPORTING SHALL BE BY QCP QUALIFIED PERSONNEL WHO WILL MAINTAIN ALL SWPP DOCUMENTATION ON-SITE, BE RESPOSIBLE FOR THE DESIGN. INSTALLATION, AND MAINTENANCE/REPAIR OF ALL STORMWATER CONTROLS AND PRACTICES DESCRIBED WITHIN THE SWPP. THESE PERSONNEL WILL MAKE UP THE STORMWATER TEAM IN CHARGE OF RECORDKEEPING AND ENSURING COMPLIANCE ACTIVITIES ARE DONE PROPERLY AND IN A TIMELY MANNER.