5600 Old Spanish Trail

Gautier, Mississippi

Stormwater Pollution Prevention Plan

Prepared for:
Phoenix Labor Group
8775 Old Spanish Trail, Suite G
Ocean Springs, MS 39564

Prepared by:
Patrick Mooney, RPG
Environmental Geologist

BROWN, MITCHELL & ALEXANDER, INC.
CONSULTING ENGINEERS

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SECTION 1: SITE EVALUATION, ASSESSMENT, & PLANNING

1.1 General Information

This Storm Water Pollution Prevention Plan (SWPPP) has been prepared in general accordance with Mississippi Department of Environmental Quality (MDEQ) Large Construction General Permit and the MDEQ Planning and Design Manual for the Control of Erosion, Sediment & Storm Water, latest edition. It is the intent of this plan to provide an initial assessment that may be amended to provide reasonable prevention of off-site transport of sediments and release of pollutants downstream of the construction site. It is expected that the operator responsible for implementing and/or maintaining the SWPPP shall evaluate the project daily and, in conjunction with a qualified credentialed inspector, alter the plan as required. Significant amendments to the SWPPP shall be approved by the Engineer and submitted to MDEQ as a major modification prior to implementation.

The SWPPP shall be retained at the permitted site or be locally available. A copy of the SWPPP must be made available to MDEQ inspectors for review at the time of an on-site inspection.

Structural Best Management Practices (BMPs) shall be in place prior to commencement of land clearing and construction activities, other than what is required to install structural BMPs.

The Executive Director of MDEQ may notify the owner or operator at any time that the SWPPP does not meet the minimum requirements of the Large Construction General Permit. After notification, the owner or operator shall amend the SWPPP, implement the changes and certify in writing to the Executive Director that the requested changes have been made. Unless otherwise provided by the Executive Director, the requested changes shall be made within 15 days. The operator shall amend the SWPPP and implement the changes before there is a change in construction, operation, or maintenance, which may potentially affect the discharge of pollutants to State waters. The owner or operator shall amend the SWPPP and implement the changes if the SWPPP proves to be ineffective in controlling storm water pollutants including, but not limited to, significant sediment leaving the site and non-functioning BMPs.

A copy of the Large Construction Notice of Intent (LCNOI) is provided in Appendix C.

1.2 Project/Site Information

Project Name: **Old Spanish Trail SS**

Project Location: **5600 Old Spanish Trail**

City, State, ZIP: **Gautier, Mississippi 39553**

County: **Jackson County**

Latitude/Longitude of Project Entrance: **Lat 30.395541°, Long -88.703604°**

Method for determining latitude/longitude:

☐ USGS topographic map (specify scale):

☐ EPA Web site

☐ GPS

☒ Other: **Google Earth Pro**

General Location Maps are included in Appendix A. One map depicts the location of the project on the 7.5 Minute USGS Topo Map: Gautier North Quadrangle; the other is an aerial image showing the project location.

1.3 Project Contact Information

Owner/Developer: **Phoenix Labor Group**
8775 Old Spanish Trail, Suite G
Ocean Springs, MS 39564

SWPPP Author: **Brown, Mitchell, & Alexander, Inc.**
401 Cowan Road, Suite A
Gulfport, MS 39507

Nature & Sequence of Construction Activity

The general scope of work will include removing approximately 40% of vegetated cover, save for protected trees, from proposed infrastructure footprint, construction of the proposed roadways and utilities (storm drainage, potable water, and sanitary sewer), and construction of housing and amenities. A site plan has been included as part of the BMP plans presented in Appendix B.

Proposed Activity(ies) to be Conducted:

☒ Residential ☐ Commercial ☐ Industrial ☐ Road Construction

☐ Linear Utility

☐ Other (please specify): Institutional Construction (collegiate school building)

Projected Start Date: **02/01/2024**

Estimated Completion Date: **03/01/2024**

Site improvements will begin with clearing existing vegetation from roadways, building footprints, and other areas of infrastructure improvement. Site grading is not anticipated due to preservation of natural cover at a rate of approximately 60%. Temporary erosion control will be implemented as required. Permanent stabilization techniques will be used on disturbed ground not to be affected by future work at the end of this phase.

Next will be construction of the proposed buildings and infrastructure, which includes roads (stone base), storm water drainage, potable water distribution, sanitary sewerage, and other utilities. Temporary and/or permanent erosion control measures will be enacted during this phase.

After site improvements are complete, permanent stabilization techniques will be used on all disturbed ground not scheduled for landscaping, assuming the area was not stabilized during the previous phase.

1.4 Soils, Slopes, Vegetation, & Current Drainage Patterns

The USDA NRCS Soil Survey for Jackson County, Mississippi was used to investigate the potential soil conditions for the subject site. According to the NRCS Soil Survey, the soils stratum is generally loam and sandy loam. These soils generally have Unified Soil Classification (USCS) designations of SM, SC, or CL. Erosion 'k' factors for these soils range from 0.20 to 0.3. Care should be taken during construction to minimize erosion of the sandy soils by achieving stabilization quickly for disturbed, sloped ground and slowing runoff with structural and non-structural BMP's.

The existing site is currently undeveloped. The site is near flat with relief on the order of 1 to 3 feet. Wetlands have been identified over the majority of the site with minimal uplands located along the north and east property lines. Permitting to disturb/fill wetlands was acquired/transferred as part of the real estate purchase. Existing ground cover typically is mature pine with undergrowth.

1.5 Receiving Waters

The ultimate receiving water body for runoff generated within the bounds of the subject site is Graveline Bayou, located north of the subject property. The planned detention systems discharge through control structures to existing drainage areas contributing to Graveline Bayou.

1.6 Site Features & Sensitive Areas to be Protected

There are wetlands identified at the site. There is some proposed construction within the existing wetlands. Appropriate permitting has been acquired from U.S. Army Corps of Engineers. Silt fencing will be installed along the entire length of the wetland delineation adjacent to graded slopes in disturbed areas. As an added measure of mitigation, silt fence will be located along the toe of slopes constructed during installation of site improvements.

There is a ditch traversing from east to west near the south end of the site. Site improvements have been located at least 10 feet from the top-of-bank along the ditch.

Protected species meeting the City of Gautier's size requirements (*Magnolia grandiflora, Quercus virginiana, & Carya illinoiensis >10" DBH)* have been designated by flagging and will be preserved. Please review the attached Tree Inventory Map.

1.7 Potential Sources of Pollution

Ground disturbed during grading and other construction activities generally pose as the primary source for erosion and sediment. Measures to control erosion and sediment are discussed later in this plan.

The other identified potential pollution source planned to be on-site at this time is petroleum-based fuels. Tanks located on-site shall be positioned away from drainage ways and storm water inlets. Vehicle and equipment maintenance other than refueling will occur off-site to reduce the risk of material spills.

1.8 Maps

Refer to Appendix A for maps that depict the general site location.

Refer to Appendix B for maps that demonstrate the proposed site improvements and associated infrastructure, proposed structural and non-structural BMP measures, and BMP details.

SECTION 2: EROSION & SEDIMENT CONTROL BMPS

2.1 Minimize Disturbed Area

Disturbance to the site shall be minimized to the extent practical to complete the planned construction and demolition. Construction limits are to be established with temporary fencing and/or temporary silt fence as early as possible. Strips of natural vegetation approximately 5-foot wide shall be maintained between silt fencing and construction areas and/or diversion swales.

Topsoil that has been stripped away from areas to receive building pads and paving structures shall be stockpiled for final project dressing. The location of the stockpile shall be added to the appropriate site maps once determined. Topsoil stockpiles that are not to be used within 30 days shall be seeded and temporary vegetation maintained until material is utilized. All stockpiled soils shall be enclosed with perimeter silt fencing to minimize materials being transported away from the stockpiled area.

Natural vegetation within the project area that is to remain shall be protected using protective barriers.

2.2 Control of Storm Water Flowing onto the Project

Diversion swales and other temporary grading features will be used as needed to redirect storm water runoff traversing into the active construction areas. Typically these grading features will be shaped to direct water to conveyance channels, sediment basins, or off-site. Drainage swales shall be inspected regularly and after every rain event to check for erosion and sedimentation issues. The site work contractor will be responsible for maintaining these grading features.

2.3 Soil Stabilization

Temporary seed & mulch shall be applied to areas to stabilize disturbed soils that are scheduled for final grading at a later date. Materials for temporary stabilization are included in the BMP plans presented in Appendix B. Areas of disturbed soil shall not be left unprotected for more than ten (10) working days. Maintenance shall include water and fertilization for vegetative growth. Other maintenance will be to touch up grading areas that exhibit excessive erosion. Over-seeding will be required if 80% coverage is not maintained.

In lieu of seed and mulch, a temporary erosion control blanket may be employed over disturbed areas. The erosion control blanket may be used over areas that are to become active construction areas again before grass can be established.

Permanent seed & mulch, or sod, shall be applied to disturbed areas where construction and grading activities are complete. Materials should conform to the BMP plans presented in Appendix B. Permanent stabilization is not required in areas to receive mulched landscape beds. Permanent measures are to be installed as soon as practical upon achieving finish grade. No completed work area should be left un-stabilized for more than three (3) days. Maintenance shall include water and fertilization to improve vegetation. Over-seeding will be required if 80% coverage is not maintained. Soils are considered to be stabilized when 80% vegetative coverage over the disturbed area is achieved and maintained until project completion.

Soil/vegetative stabilization measures must be initiated whenever any clearing, grubbing, and 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) calendar days or more.

Inspection of temporary and permanent soil stabilization shall be performed regularly and after every rain event to ensure healthy vegetation and adequate coverage is being attained. The site work contractor shall be responsible for maintaining temporary and permanent soil stabilization measures.

The contractor is encouraged to minimize the total amount of disturbed area left unstable by phasing earthwork activities. Generally, work areas should be completed and stabilized prior to construction beginning in other areas.

2.4 Slope Stabilization

Upon achieving finish grade on all slopes, the slopes shall be prepared for seed and mulch or sod to permanently stabilize the soil surface. No finished slope shall be left unprotected for more than three (3) days.

Slopes shall be prepared by disking topsoil, lime, and fertilizer into the slope and reshaping to final grade. Finished embankments should be “tracked” or lightly disked along the contours (perpendicular to the slope face) prior to planting. Once the slopes have been prepared, permanent vegetation shall be applied using materials described in the BMP plans, Appendix B.

Slopes shall be inspected regularly and after every rain event for eroded or washed surfaces, planting coverage, and plant health. Maintenance to address re-grading and vegetation issues shall be performed by the site contractor. A slope is considered to be stabilized when 80% vegetative coverage over the disturbed area is achieved and maintained until project completion.

To improve stabilization of slopes that become problematic due to erosion along steep grades, temporary erosion control blankets may be implemented prior to seeding and mulching. The slope shall be prepared for planting as described above prior to placing the temporary erosion control blanket. The contractor shall install the chosen product per manufacturer's recommendations.

2.5 Protection of Storm Drain Inlets

Inlet protection shall be installed at each proposed storm drain inlet constructed and at each inlet to any existing storm sewerage adjacent to the project area. Construction details for inlet protection are provided in the BMP plans, Appendix B. Maintenance shall be performed by the site work contractor. Trapped sediment shall be removed once a depth equal to 33% to 50% of sediment capacity has been accumulated. Damaged protection devices shall be replaced immediately once identified. Inspection shall be performed regularly and after every rain event.

2.6 Perimeter Controls & Sediment Barriers

Perimeter controls and sediment barriers shall be constructed per the silt fence details presented in Appendix B. Silt fence shall be erected along the entire perimeter of the construction site prior to commencement of work to act in as perimeter control. Other silt fence shall be installed prior to disturbing soils upgrade of the intended location. Silt fence shall be erected along the tops and toes of slopes to minimize erosion and trap sediment until the slopes are stabilized with vegetation. Where possible, a 5-foot vegetative strip should be preserved or planted along the upstream face of all silt fencing. Care should be taken to minimize damage to the vegetation during routine maintenance of the fencing and removal of accumulated sediment. Maintenance shall be performed by the site work contractor. Trapped sediment shall be removed once a depth of 33% to 50% of fence height has been accumulated. Damaged sections of fence shall be replaced immediately once identified. Inspection shall be performed regularly and after every rain event.

2.7 Retain Sediment On-Site

The majority of runoff traversing the site is directed to proposed storm drains. The planned detention system shall be used as a sediment basin during construction to reduce risk of sediment being transported off-site. Sediment basins shall be installed at the earliest time practical to the construction schedule. Slopes and other features shall be inspected regularly and after each rain event for damage and erosion. The basins are to be maintained by the site work contractor.

2.8 Surface Skimmer for Sediment Basin

The planned outlet control structure for the detention system has been designed to connect a surface skimmer device for use during construction. The control structure and skimmer shall be installed at the earliest time practical to the construction schedule.

A 5" Faircloth Skimmer (or approved equal) shall be used to draw down detained runoff. The skimmer shall be installed per project plans and manufacturer specifications. A depression in the pond bottom shall be excavated to a minimum depth of 12" below the skimmer. The intent of the depression is to minimize risk of the skimmer becoming entrapped in the mud bottom of the basin. The depression shall be cleared of sediment routinely to ensure minimum depth is maintained. The skimmer and required depression are to be maintained by the site work contractor.

2.9 Stabilized Construction Exits

All construction entrances and exits shall be equipped with a construction exit pad per the construction details provided in Appendix B. This method is anticipated to be adequate for reducing tracking mud and debris off-site due to the sandy nature of the in-situ soils. Soils and debris that are tracked into the public roadway shall be removed by the end of the workday and disposed of properly. Maintenance is critical to the function of the construction exit pad. At any time during inspection the gravel bed is found to be sediment and/or debris laden, the materials are to be removed, disposed of properly, and replaced with clean gravel of the appropriate size. Installation should be accomplished at the beginning of construction activities. Inspection will be performed regularly and after every rain event. Maintenance shall be performed by the site work contractor.

2.10 Additional BMPs

Disturbed ground and active earthwork areas prone to dust production shall be wetted periodically to reduce dusting. A water truck, or other appropriate storage equipment, will be maintained on-site and be implemented as needed during construction. Runoff generated by over-watering will be directed to sedimentation basins or other BMP measures to reduce transportation of sediment and contaminants off-site. This BMP shall be maintained by the site work contractor. Inspections will be performed regularly and increased to daily intervals during extended periods of dry weather.

A rain gauge shall be installed and maintained near the project office. The operator will be responsible for reading the gauge after each event. Rainfall exceeding one half (1/2") inch should be documented as part of the SWPPP record.

SECTION 3: GOOD HOUSEKEEPING (GROUNDS KEEPING) BMPS

3.1 Materials Handling & Waste Management

One or more trash receptacle(s) shall be installed on-site for the sole purpose of solid waste management associated with the construction and demolition activities. The receptacle(s) shall be located outside of drainage ways and shall have a cover to be employed when rain is anticipated. The operator will be responsible for contracting with a local waste management company to provide and service the solid waste receptacle(s).

Portable sanitary waste stations (porta-potty) shall be utilized throughout the site as required for construction personnel. The operator will be responsible for contracting with a local provider to install and service the sanitary waste stations.

3.2 Building Material Staging Areas

Normal materials associated with building construction and site development will be stored on-site in appropriately protected storage/staging areas. BMP measures shall be incorporated as needed. Building materials that are known to be hazardous shall be stored and handled according to OSHA regulations. This SWPPP shall be updated accordingly as needed.

3.3 Washout Areas

The location of designated washout areas will be determined prior to construction. All washout will be directed to a sedimentation basin with no outlet. Once the basin has been filled to approximately 75% capacity, the site work contractor will remove the accumulated solids and dispose of off-site in a sanitary or rubbish fill certified to receive these waste materials. Inspections shall be performed regularly and after each rain event to ensure no washout water is leaving the controlled area.

3.4 Equipment/Vehicle Fueling & Maintenance Practices

On-site fueling will not occur. Regular scheduled vehicle and equipment maintenance will be performed off-site to reduce the risk the spill of pollutants. Maintenance practices employed to repair equipment on-site will be performed outside of drainage ways and low-lying areas, so that pollutant transportation will be kept to a minimum. All contaminated soils shall be removed, contained and disposed of according to all applicable laws.

3.5 Spill Prevention, Control, & Management

A Spill Prevention, Control and Countermeasures Plan (SPCC Plan) shall be provided by each contractor storing hazardous materials on-site. A copy of all SPCC Plans shall be submitted to the operator for inclusion in this SWPPP. Submitted SPCC Plans are to be included in Appendix G.

3.6 Management of Sediment Deposition

Regular inspection is required of all structural BMP's. Accumulated sediment shall be removed from Sediment Basins when the capacity has been reduced by 50%. All accumulated sediment shall be removed from structural controls when sediment deposits reach one-third to one-half the height of the control. Removed sediment may be "wasted" on site as non-structural fill or disposed of per local, state, and federal regulations.

3.7 Additional BMPs

Additional BMPs that are determined to improve this SWPPP that are not specifically covered in any section of said plan shall be installed and maintained as needed. The SWPPP shall be revised, and all required information will be included.

SECTION 4: SELECTED POST-CONSTRUCTION BMPS

All storm water pipe outfalls will be stabilized and/or protected with rip-rap splash pads. These structural BMPs will be installed and maintained during construction and retained as a post-construction BMP.

Inspection and maintenance shall continue until the Request for Termination form has been submitted and approved. Inspection and maintenance of all Post-construction BMPs will be the responsibility of the operator after construction is complete until the time his contract with the project owner is fulfilled. Prior to the end of construction activities, the site work contractor will be responsible for maintaining these BMPs. Construction inspection will occur regularly, and after each rain event to ensure proper performance and identify issues that require correcting.

SECTION 5: INSPECTIONS

General inspections shall be performed by qualified inspection personnel on a regular basis and after each rain event to ensure BMP measures are performing as required. Inspections will also identify damaged BMPs and assist in scheduling maintenance of structural and non-structural BMPs. Inspection reports shall be completed and filed as part of the SWPPP at least on a weekly basis and after each rain event exceeding one half (1/2") inch on the project rain

gauge. Photographic documentation will be required as part of the inspection and shall be attached to all filed reports. The MDEQ Inspection & Certification Form to be used for this project is included in Appendix D.

Maintenance will be conducted by the site work contractor as required to provide adequate performance of BMP measures. Damaged BMPs shall be repaired within 24 hours of the inspector reporting the issues and notifying the site work contractor. The site work contractor will coordinate regularly with inspection personnel to ensure all maintenance and repairs are complete in a timely manner.

Note that corrective actions taken to remedy issues identified during an inspection shall be documented in a LCNOI Inspection & Certification Form.

SECTION 6: RECORDKEEPING

6.1 Recordkeeping

Records will be retained for a minimum period of at least 3 years after the permit is terminated. Date(s) when major grading activities occur; date(s) when construction activities temporarily or permanently cease on a portion of the site, and date(s) when an area is either temporarily or permanently stabilized are to be recorded on the Grading & Stabilization Activities Log. The Grading & Stabilization Activities Log for this project is included as Appendix F.

6.2 Log of Changes to the SWPPP

Changes and updates made to the SWPPP to address issues identified during construction will be recorded in the SWPPP Amendment Log. Changes to the SWPPP shall be approved by the Engineer. The SWPPP Amendment Log is included as Appendix E.

SECTION 7: FINAL STABILIZATION

Upon finishing all land clearing and construction activities, the site work contractor shall dress all disturbed areas with stockpiled topsoil. Any excess spoil materials shall be disposed in a lawful manner. Areas to be improved by mulched landscape beds should be established at this point. Graded areas and final embankments shall be prepared by disking topsoil, lime, and fertilizer into the slope and/or exposed soil area and reshaping to final grade. Prepared areas shaped to finish grade should be “tracked” or lightly disked along the contours (perpendicular to the slope face) prior to seeding and mulching. Permanent seed and mulch shall be applied using materials described in the BMP plans, Appendix B. Mulch should be “crimped” into the finish grade with appropriate equipment. Solid sod shall be laid in

a staggered pattern to reduce erosion along seams. Maintenance to address re-grading and vegetation issues shall be performed by the site contractor. Inspection shall continue on a regular basis until final stabilization is reached. An area is considered to reach final stabilization when 80% vegetative coverage over the disturbed area is achieved and maintained.

Large Construction Notice of Intent termination is achieved when all construction activities are finished and final stabilization is complete. A final inspection and written request for termination will be required.

The Site Maps provided in Appendix B should be updated to demonstrate areas where final stabilization has been achieved. Final stabilization should also be noted in the Grading & Stabilization Activities Log in Appendix F.

Once the site is considered to be at Final Stabilization, the Engineer shall conduct an on-site inspection and final record review. At the time all disturbed areas are stabilized as required in this section of the SWPPP, the Engineer shall submit a written termination request to MDEQ.

SECTION 8: CERTIFICATION & NOTIFICATION

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.

SWPPP APPENDICES

Appendix A – General Location Map

Appendix B – Site Maps

Appendix C – MDEQ LCNOI Form

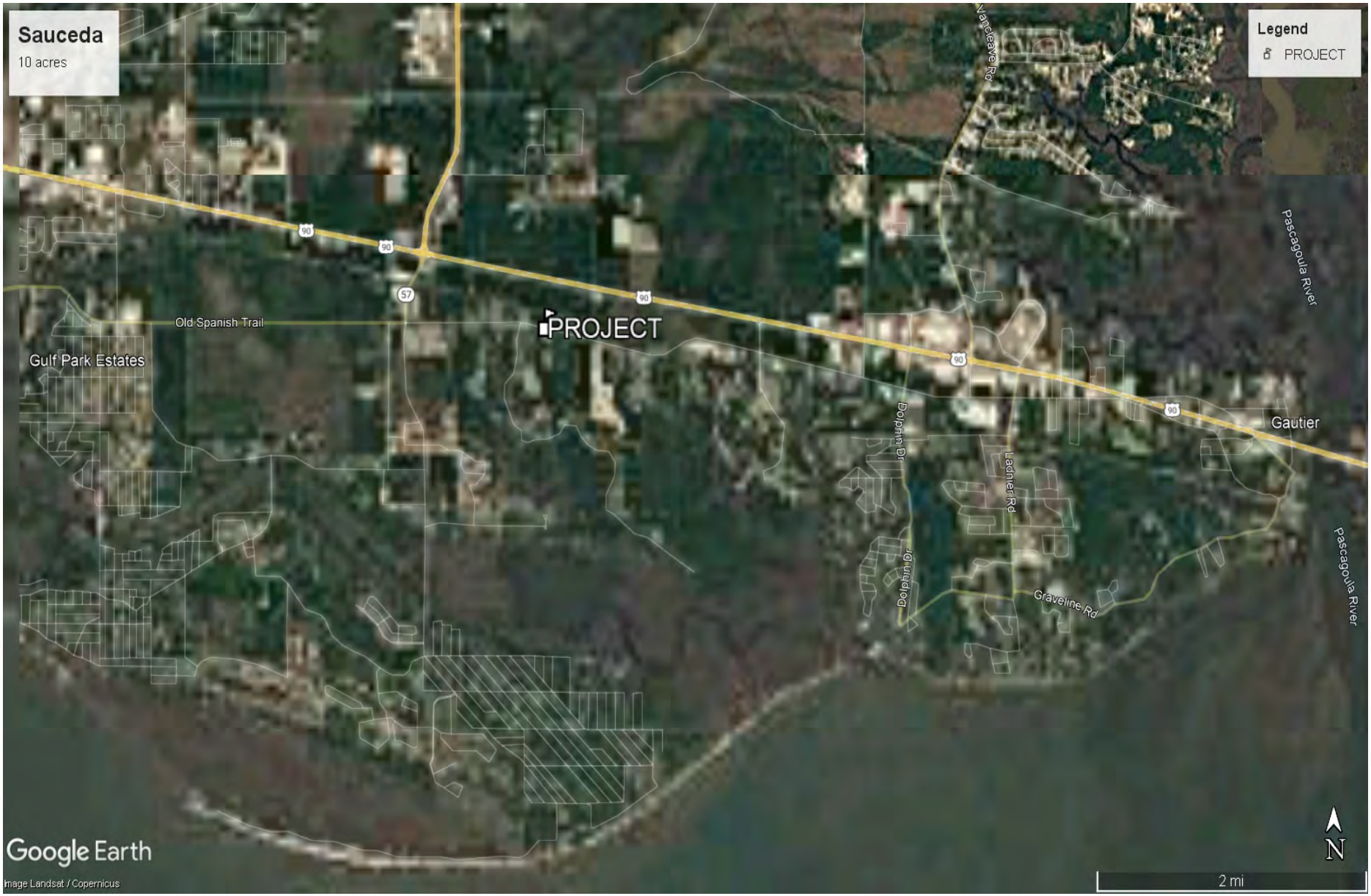
Appendix D – LCNOI Inspection & Certification Forms

Appendix E – SWPPP Amendment Log

Appendix F – Grading & Stabilization Activities Log

Appendix G – SPCC Plans

Appendix A – General Location Maps



Location mapping

BROWN, MITCHELL & ALEXANDER, INC.
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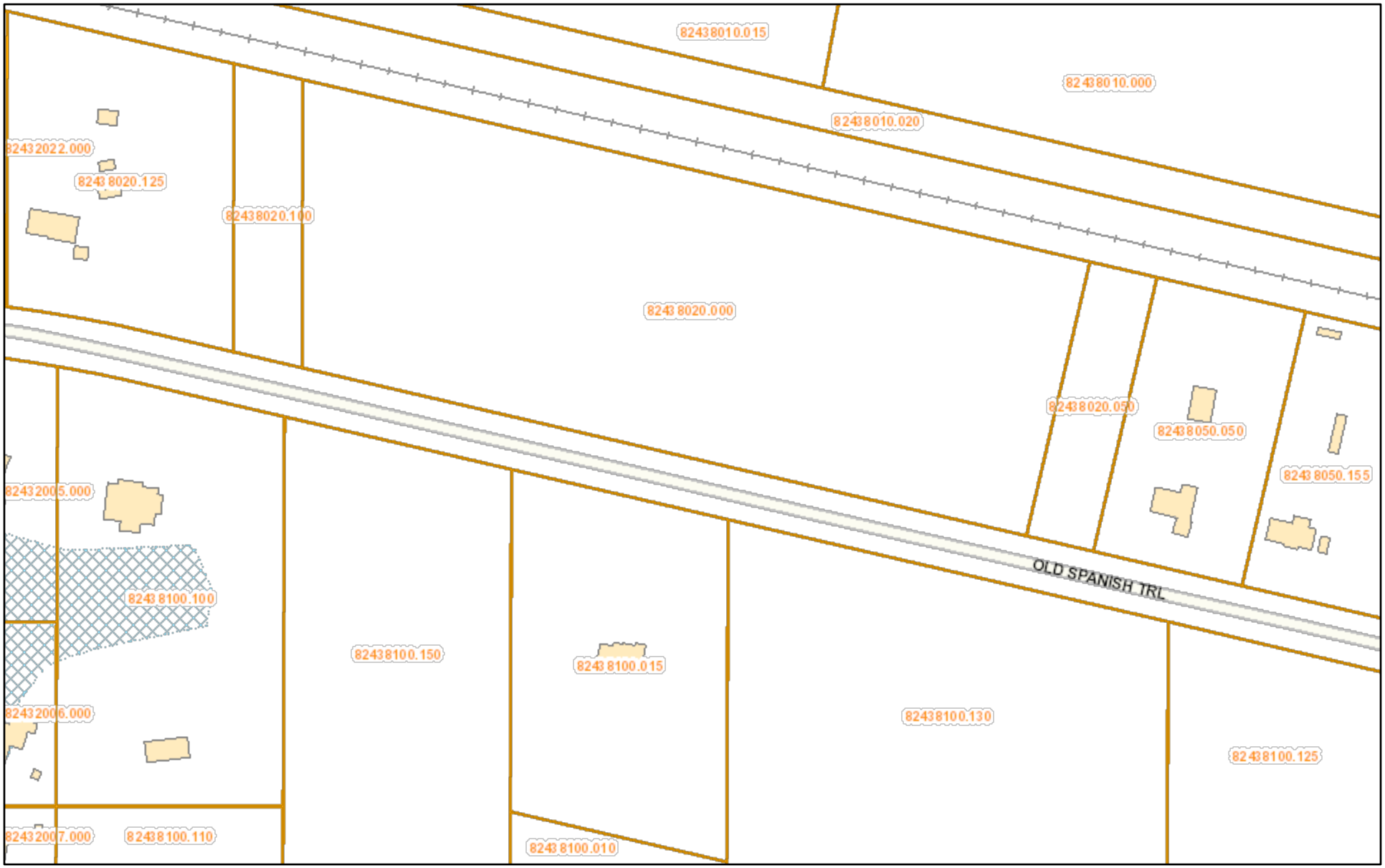
401 Cowan Road, Suite A, Gulfport, MS 39507 (228)864-7612
131 Rue Magnolia Biloxi, MS 39530 (228)436-7612
3221 Market Street Pascagoula, MS 39567 (228)864-7612

Old Spanish Trail



November 21, 2022

Parcels
PrimaryRoads
Major
CenterLines

1:2,400

0 0.02 0.04 0.08 mi

0 0.03 0.07 0.13 km

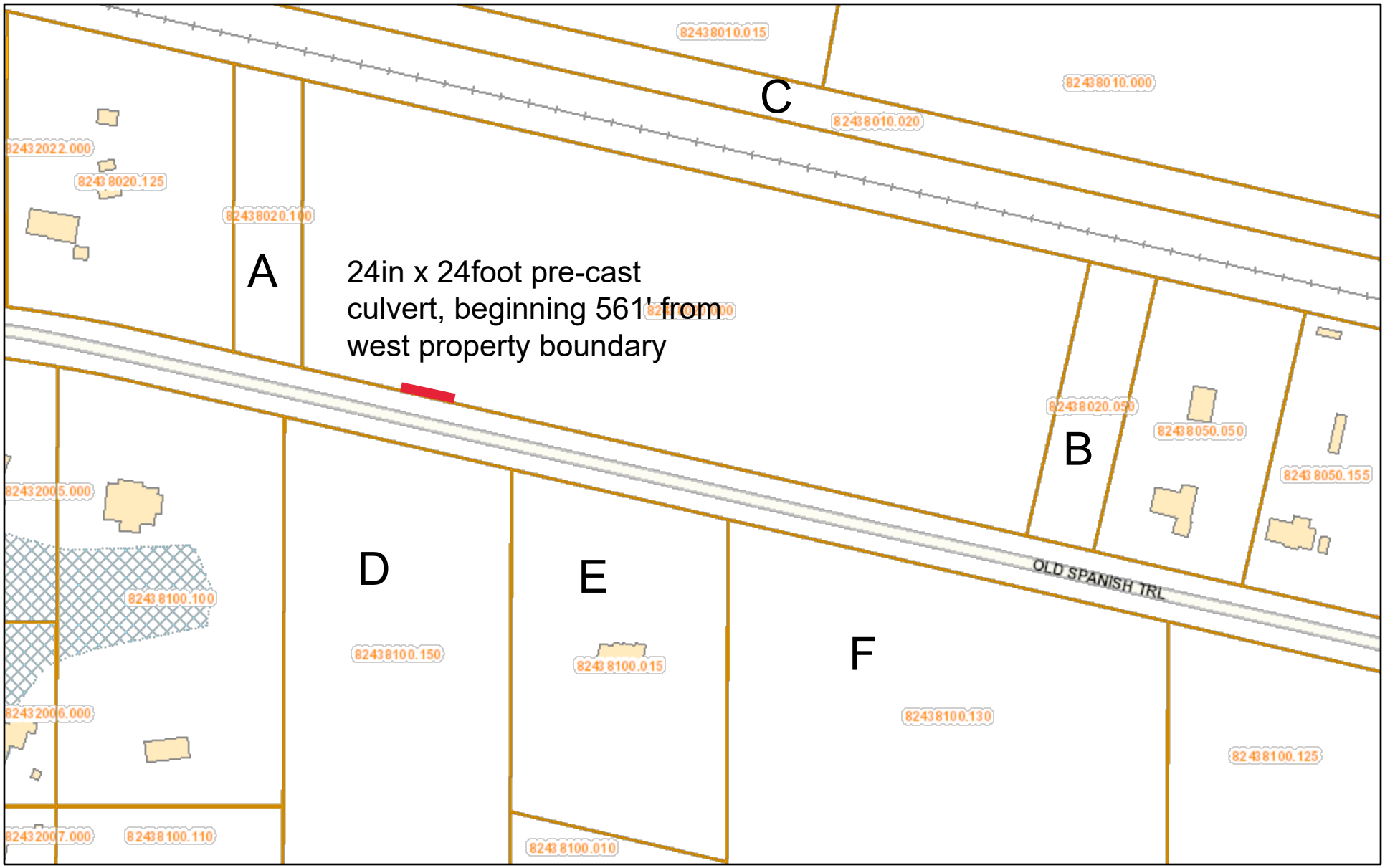
Jackson County GIS

Web AppBuilder for ArcGIS

. | Jackson County GIS |

Appendix B – Site Maps

Old Spanish Trail



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Jackson County GIS

Web AppBuilder for ArcGIS

. | Jackson County GIS |

5600 Old Spanish Trail Gautier, MS

Tree Inventory Report

Produced by:

Jared Stiefel, BS

Graduate Geologist

Brown, Mitchell, & Alexander, Inc.

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Gulfport, MS 39507

Jared@bmaengineers.com

BROWN, MITCHELL & ALEXANDER, INC.
CONSULTING ENGINEERS

Location

Old Spanish Trail (Project) is located in Gautier, MS on Old Spanish Trail – in between Old Shell Landing Rd and Breakwater Dr. The Project, identified as lot # 779.32-00-0009.00, consist of approximately 10 contiguous acres. The approximate address is 5600 Old Spanish Trail.

Methods & Materials

In the City of Gautier, both Live Oaks (*Quercus virginiana*) and Magnolias (*Magnolia grandiflora)* sized 10 inches and greater measured diameter at breast height (DBH) are protected and cannot be cut without permitting and mitigation measures.

In an effort to comply with City of Gautier's code which designates listed tree species > 10 inches DBH for preservation, Brown, Mitchell, & Alexander, Inc. was contracted to perform a Tree Inventory for Mr. Sauceda on his property.

A cross-hatched pattern was assumed to cover as much of the property as possible, so as not to miss an individual tree. Approximately 1.5 miles of transects were walked in effort to capture and document all trees designated for preservation.

Equipment

Simhevn Digital Calipers

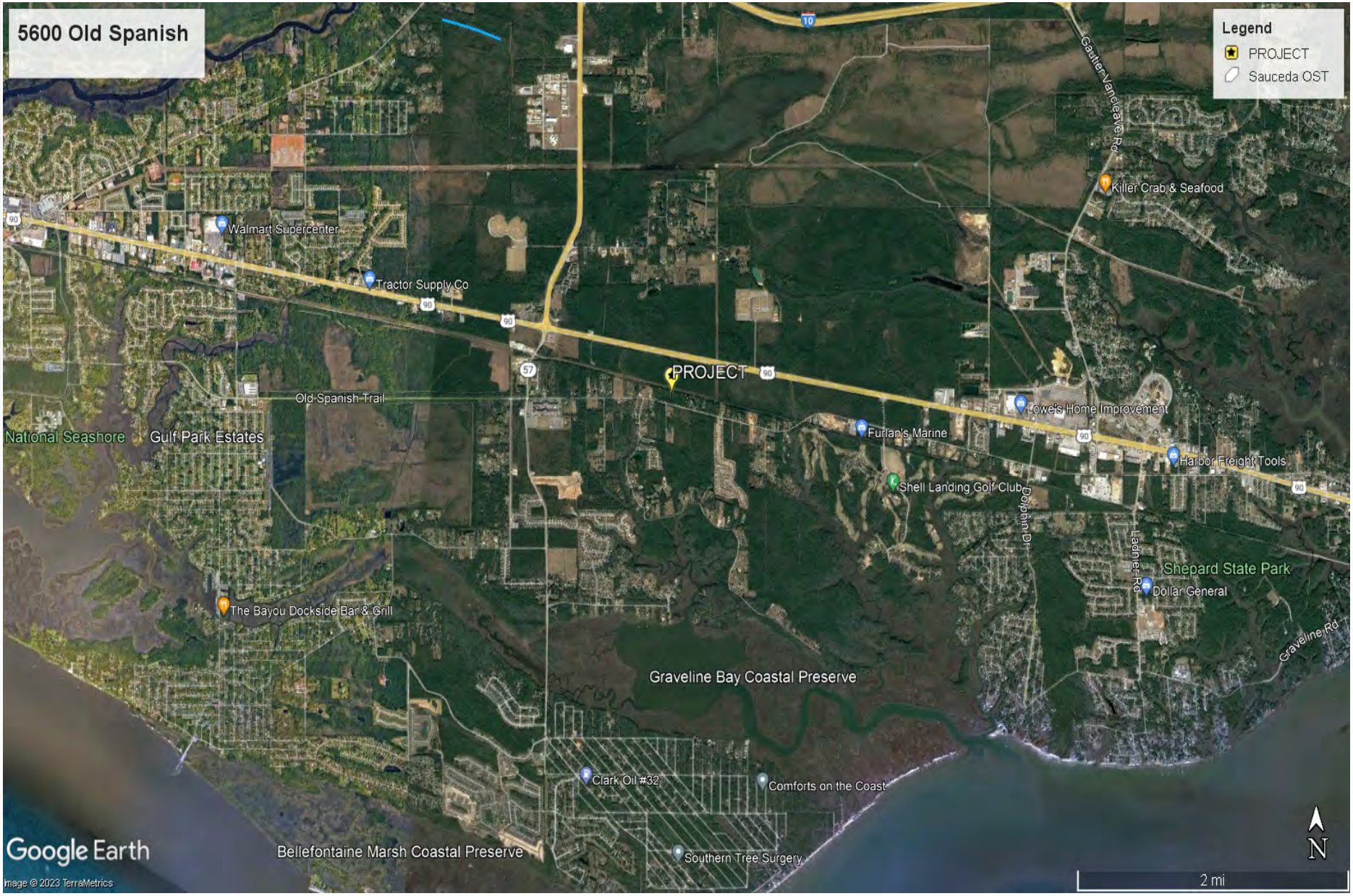
Komelon Fiber Reel 200ft surveyor's tape

Garmin 66ST GPS

Google Earth, Powered by ESRI

Results

The tree inventory was completed for the Project on 11-13-23 by Jared Stiefel, Graduate Geologist. Trees observed and designated for preservation were as follows: thirteen (13) *Magnolia grandiflora* & zero (0) *Quercus virginiana*. All tree meeting the preservation guidelines were marked with orange flagging material. A map with the approximate location of preserved and marked trees is provided in the appendix of this report.



Location Mapping

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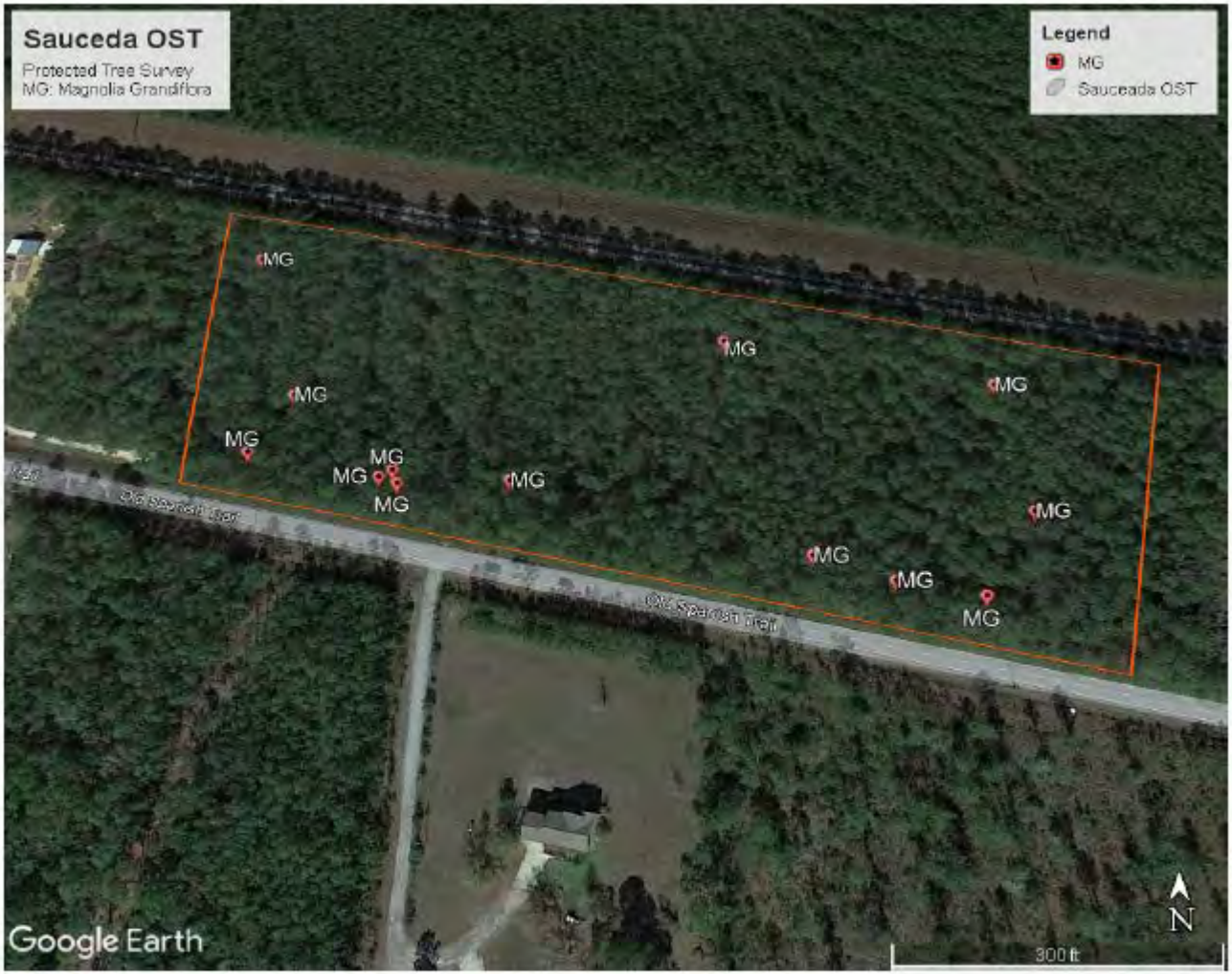

Approx. 10 Acre Property
13 Magnolia grandiflora flagged
>60% cover to remain

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Appendix C – MDEQ LCNOI Form

AI: 85799

Coverage #: MSR109195

Rec'd via email: 01/25/2024

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)

O.C

MSR10 9195

(NUMBER TO BE ASSIGNED BY STATE)

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

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Jesse Sauceda

OWNER COMPANY LEGAL NAME: Phoenix Labor group

OWNER STREET OR P.O. BOX: 8775 Old Spanish Trail Suite G

OWNER CITY: Ocean Springs **STATE:** MS **ZIP:** 39564

OWNER PHONE #: (228) 447-3960 **OWNER EMAIL:** jesses@phoenixlaborgroup.com

PREPARER CONTACT INFORMATION

IF NOI WAS PREPARED BY SOMEONE OTHER THAN THE APPLICANT

CONTACT PERSON: _____

COMPANY LEGAL NAME: _____

STREET OR P.O. BOX: _____

CITY: _____ **STATE:** _____ **ZIP:** _____

PHONE # ( ) **EMAIL:**

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: 5600 Old Spanish Trail

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: Old Spanish Trail

CITY: Gautier STATE: MS COUNTY: jackson ZIP: 39534

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

LATITUDE: 30.395541 **degrees** ____ **minutes** ____ **seconds** **LONGITUDE:** -88.70360 **degrees** ____ **minutes** ____ **seconds**

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

TOTAL ACREAGE THAT WILL BE DISTURBED [1]: 10

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: 2024/05/01 (YYYY-MM-DD)

ESTIMATED CONSTRUCTION PROJECT END DATE: 2024/06/01 (YYYY-MM-DD)

DESCRIPTION OF CONSTRUCTION ACTIVITY: tree removal, protecteeed trees preserved, 60% cover preserved

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:
residential

SIC Code: ___ ___ ___ ___ **NAICS Code** __ __ __ __ __ __

NEAREST NAMED RECEIVING STREAM: Graveline Bayou

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? YES ☐ NO ☑

FOR WHICH POLLUTANT:

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):
sand

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: _____

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:

_____

_____

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[1] (owner or prime contractor)

12/13/2023
Date Signed

Jesse Sauceda
Printed Name[1]

President
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 3/2022

Appendix D – SWPPP Amendment & CORRACT Log

SWPPP Amendment Log

Amendment No.	Amendment Date	Description of Amendment	Prepared By (Name & Title)

Corrective Action Log

Inspection Date	Name of Inspector	Noted Deficiency	Corrective Action Required, Planned Date & Responsible Party	Date Action Taken & Responsible Party

Appendix E – Grading & Stabilization Activities Log

Grading & Stabilization Activities Log

Initial Date of Grading	Location & Description of Grading Activity	Cessation Date of Grading	Temporary or Permanent	Initial Date of Stabilization Measures	Description of Stabilization Measures