MISSISSIPPI DEPARTMENT OF
ENVIRONMENTAL QUALITY

MINING NOTICE OF INTENT (MNOI)
FOR COVERAGE UNDER
MINING STORM WATER, DEWATERING AND NO DISCHARGE
GENERAL PERMIT MSR32 __ __ __ __
(Number to be assigned by State)

File at least 30 days prior to the commencement of mining; 15 days if a Storm Water Pollution Prevention Plan (SWPPP) is already on file and mine dewatering is not proposed. Lateral expansion of an existing mine that has general permit coverage requires the submittal of the Major Modification Form, not a new MNOI. However, modification of the existing SWPPP to include the expansion is required. Discharge of storm water or impounded water associated with mining or the operation of a wastewater recirculation system with no discharge without written notification of coverage from MDEQ is a violation of State Law.

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.

Please indicate the activities to be covered by this MNOI (check all that apply).

- [x] Storm Water Discharges Associated with Mining
- [ ] Mine Dewatering
- [ ] Wastewater Recirculation System with No Discharge

The appropriate section of the MNOI must be completed if the applicant proposes to discharge storm water, discharge impounded mine water (dewatering) and/or operate a wastewater recirculation system with no discharge.

A site-specific Storm Water Pollution Prevention Plan (SWPPP) developed in accordance with ACT5 of the General Permit and a United States Geological Survey (USGS) quadrangle map or photocopy, indicating the site location and outfalls must be included with the MNOI submittal. 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 (check all that apply).

- [ ] Section 404 Documentation
- [ ] Notice of Exempt Operations Form
- [ ] Dam/Reservoir Safety Permit or Written Authorization

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

MSR32 __ __ __ __

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: ☑ **OWNER** ☑ **OPERATOR**

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: John C. Nelson

OWNER COMPANY LEGAL NAME: 479 Northgate Road

OWNER STREET OR P. O. BOX:

OWNER CITY: Hattiesburg **STATE:** Mississippi **ZIP:** 39401

OWNER PHONE #: (601) 582-7662 **OWNER EMAIL:** johnnelsonconstruction@comcast.net

OPERATOR CONTACT INFORMATION

OPERATOR CONTACT PERSON: same as above

OPERATOR COMPANY LEGAL NAME: same as above

OPERATOR STREET OR P. O. BOX: same as above

OPERATOR CITY: same as above **STATE:** same as above **ZIP:** same as above

OPERATOR PHONE #: (XXX) same as above **OPERATOR EMAIL:** same as above

MINE INFORMATION

MINE NAME: Weldy Road Mine

MINE SITE ADDRESS (If the physical address is not available, please indicate nearest named road.)

Street: Weldy Road

City: Hattiesburg **State:** MS **County:** Forrest **Zip:** 39401

Southeast /4 OF Northwest /4 OF SECTION 15, TOWNSHIP 3 North, RANGE 12 West

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

ATTACH A USGS QUAD MAP, EXTENDING ½ MILE BEYOND FACILITY, OUTLINING THE MINE BOUNDARIES
(Maps can be obtained from the Mississippi Office of Geology. For information call 601-961-5523).

LATITUDE: 31 **degrees** 13 **minutes** 17.3 **seconds** **LONGITUDE:** 89 **degrees** 11 **minutes** 27 **seconds**

LAT & LONG DATA SOURCE (GPS (*Please GPS Entrance Gate*) or Map Interpolation): GPS

TOTAL ACREAGE: 20 **MATERIAL TO BE MINED:** sand/gravel

WILL HYDRAULIC DREDGING BE USED? ☐ YES ☑ NO

WASHING OF SAND/GRAVEL? ☐ YES ☑ NO

ESTIMATED START DATE: 2020-06-01 (YYYY-MM-DD)

ESTIMATED END DATE: 2026-05-31 (YYYY-MM-DD)

SIC CODE 1442

NAICS CODE 212321

RECEIVING STREAM INFORMATION

NEAREST NAMED RECEIVING STREAM: Leaf River

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 of MDEQ's website: http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section) ☐ YES ☑ NO

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

COMPLETE IF STORM WATER DISCHARGE IS PROPOSED

ATTACH A STORM WATER POLLUTION PREVENTION PLAN (SEE PERMIT FOR REQUIREMENTS)

IDENTIFY THE ASSOCIATION OR GENERIC SWPPP ON FILE AT MDEQ: See accompanying SWPPP

COMPLETE IF WASTEWATER RECIRCULATION SYSTEM WITH NO DISCHARGE IS PROPOSED

DISTANCE BETWEEN RECIRCULATION POND(S) AND PROPERTY LINE: Not applicable (FT)
(MUST BE AT LEAST 150 FEET)

NUMBER OF RECIRCULATION POND(S): not applicable

STORAGE CAPACITY OF EACH RECIRCULATION POND(S): Not applicable (FT^3)

COMPLETE IF MINE DEWATERING IS PROPOSED

ESTIMATED DEWATERING VOLUME: Not applicable (GAL/DAY)

NAME AND ADDRESS OF THE RECIPIENT OF THE DISCHARGE MONITORING REPORTS (DMRs), IF DIFFERENT FROM SIGNATORY: Not applicable

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS

Coverage under this general permit will not be granted until all other required MDEQ permits and approvals are addressed.

WILL THE CONSTRUCTION OR OPERATION OF THIS MINE INVOLVE THE RE-ROUTING, FILLING OR CROSSING OF A WATER CONVEYANCE OF ANY KIND? ☐ YES ☑ NO

If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements. If the mine requires a Corps of Engineers Section 404 permit, provide appropriate documentation with this MNOI that:

- The mine 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.

LIST ANY NPDES PERMIT NO(s). not applicable GEOLOGY APPLICATION/PERMIT NO. _____

LIST OTHER GEOLOGY PERMIT NUMBERS THAT APPLY TO COVERAGE AREA _____

IS THE MINE LESS THAN 4 ACRES AND GREATER THAN 1320 FEET FROM ANOTHER MINE?

☐ YES A "Notice of Exempt Operations" Form must be included with the MNOI or proof of prior submission, if previously submitted to the Office of Geology.

☑ NO A "Notice of Intent to Mine Class I or Class II Materials" Form must be filed before coverage will be granted under the Mining General Permit. For information on Office of Geology requirements, call 601-961-5515.

LIST ANY LOCAL STORM WATER ORDINANCES WITH WHICH THE OPERATIONS MUST COMPLY AND SUBMIT ANY ASSOCIATED APPROVAL DOCUMENTATION. None aware of.

IF IMPOUNDMENTS WILL BE CONSTRUCTED ABOVE NATURAL SURFACE ELEVATIONS, INDICATE WHICH, IF ANY, OF THE FOLLOWING APPLY.

☐ The impoundment will be constructed with a peripheral dam or levee 8 feet or greater in height, measured from the lowest elevation of its toe.

☐ The impoundment will have a maximum storage volume greater than 25 acre-feet.

☐ The impoundment will impound a watercourse with a continuous flow.

☐ The impoundment has the potential to threaten downstream lives or man-made structures.

If any of the impoundments meet any of the above criteria, the applicant will be required to obtain written authorization from MDEQ, Dam Safety Division before coverage will be granted under the Mining General Permit.

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.

John C Nelson — 6/18/20

Authorized Signature[1] **Date**

John C. Nelson — Operator

Printed Name **Title**

[1]This application shall be signed according to the General Permit, Act 15, T-4 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 either a principal executive officer, the mayor, or ranking elected official.
- Duly Authorized Representative

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

May 2020

STORM WATER POLLUTION PREVENTION PLAN

John C. Nelson
Weldy Road Surface Mining Operation
Forrest County, Mississippi 39401

Prepared For:

John C. Nelson
406 Hemphill Street
Hattiesburg, Mississippi 39401

Prepared By:

NEEL-SCHAFFER
Solutions you can build upon

TABLE OF CONTENTS

TABLE OF CONTENTS (Continued)

FIGURES:

APPENDICES:

1.0 INTRODUCTION

The Clean Water Act, as amended (33 U.S.C. 1251 et.seq.) and the rules and regulations effective or promulgated under the Board of this Act require a permit for storm water discharges associated with mining and mine dewatering activities into state waters. These requirements are set forth in the Mining Storm Water, Dewatering, and No Discharge General Permit National Pollutant Discharge Elimination System (NPDES) Permit for the State of Mississippi, reissued April 3, 2018. Regulatory applicability is determined by the specific description of the covered industry, or activity, or by the Standard Industrial Classification (SIC) code, 1442.

The Mississippi Department of Environmental Quality (MDEQ) Mining Storm Water, Dewatering, and No Discharge General Permit, MSR32 issued April 3, 2018 authorizes mining storm water and dewatering discharges and operation of wastewater recirculation systems with no discharges within the State of Mississippi from mining facilities as defined in 11 Mississippi Administrative Code Part 6, Chapter 1. The Mining Storm Water, Dewatering, and No Discharge General Permit requires that the Weldy Road Surface Mine, Hattiesburg, Forrest County, Mississippi develop and maintain a Storm Water Pollution Prevention Plan (SWPPP). The SWPPP must identify potential pollutant sources, describe and ensure implementation of pollutant reduction practices, assure compliance with permit conditions and incorporate appropriate spill/leak responses and structural and non-structural Best Management Practices (BMPs). The facility manager will administer the permit application and permit conditions.

2.0 SITE INFORMATION

2.1 General Information

General facility and storm water-related information for the Weldy Road Surface Mine is provided below:

Facility Street Address:	Weldy Road Hattiesburg, Mississippi 39401
Latitude/Longitude:	Latitude: North 31 degrees, 13 minutes, 17.3 seconds Longitude: West -89 degrees, 11 minutes, 27 seconds
County:	Forrest
Facility Status:	Surface Mine
Facility Owner:	John C. Nelson 479 Northgate Road Hattiesburg, Mississippi 39401
Facility Phone Number:	During Working Hours: (601) 582-7662 After Working Hours: (601) 543-3057
(SIC) Code:	1442 – Construction Sand and Gravel

MDEQ Surface Mine No: P14-013

Storm Water Coverage No.: MSR32_____

Pollution Prevention Manager: John C. Nelson

Permittee: John C. Nelson
479 Northgate Road
Hattiesburg, Mississippi 39401

Hours of Operation Production: Monday - Friday: 7 a.m. to 5 p.m. as needed

2.2 Facility Description

The Weldy Road Surface Mine is situated on 20 acres, south of United States (US) Highway 98 South east and adjacent to Weldy Road, approximately 0.83 miles south of US Highway 98. A portion of the United States Geological Survey *McLaurin, MS* 7.5-Minute Quadrangle Map dated 2000 is attached as Figure 1. More specifically, the site is located in the southeast quarter of the northwest quarter and the northeast quarter of the southwest quarter of Section 15, Township 3 North, Range 12 West, Forrest County, Mississippi. The property is owned by Compatible Lands Foundation, Inc. and the mining facility is operated by John C. Nelson. The facility will operate on an as-need basis up to 6 days a week (Monday thru Saturday). An access road enters the site from Weldy Road adjacent to and west of the surface mine. The site has been clear cut within the last four years with the area recently being revegetated. The site slopes topographically downgradient from Weldy Road at a mean sea level (msl) elevation of approximately 260 feet north-northeast to an elevation of approximately 150 feet msl. The current general slope at the site is approximately 12% based on the United States Geological Survey *McLaurin, MS* 7.5-Minute Quadrangle Map.

3.0 POLLUTION PREVENTION TEAM

The Pollution Prevention Team (PPT) is responsible for oversight, implementation, maintenance, and revisions to the SWPPP. Members of the PPT include:

John C. Nelson, Jr., Owner/Operator, Team Leader

Working hours telephone number ..... *(601) 543-3057*
After hours telephone number ..... *(601) 543-3057*

John C. Nelson III, Operator

Working hours telephone number ..... *(601) 408-5355*
After hours telephone number ..... *(601) 408-5355*

Team responsibilities include identifying pollutant sources and risk, selecting BMPs, implementing the BMPs, and assessing the SWPPP effectiveness. As operators of the

surface mine, John C. Nelson is ultimately responsible for pollution prevention for the mining process.

4.0 POTENTIAL SOURCES OF STORM WATER POLLUTANTS

4.1 Narrative Description of Activities and Significant Materials

The most significant and current potential sources of storm water pollution at the Weldy Road Surface Mine have been identified as the excavating, loading, and transporting of gravelly sand, the separation of gravel from sand, and the maintenance and fueling of heavy equipment. The following table summarizes the major materials that are exposed to storm water, which could contribute to storm water pollution if not properly managed.

Weldy Road Surface Mine, Exposed Significant Materials

Material Exposed	Location	Amount
Gravelly sand	Entire permitted surface mine area	Exposed amount will vary dependent on what has been exposed.
Sand and Gravel	Process area	Varies-cubic yards
Fuels, lubricants, hydraulic oils	Process area	Varies-(gallons)

The description of material management practice, method of storage, exposure period, location, and quantity exposed should be updated as required. All other inventoried materials on a regular basis shall be stored under a roofed structure thereby eliminating exposure to storm water events.

4.2 Significant Spills or Leaks

Significant spills or leaks are defined by federal regulations as a release within a 24-hour period of a hazardous substance or oil in an amount equal to, or in excess of, a reportable quantity listed in 40 CFR Part 117 and 40 CFR Part 302. All spills and leaks will be recorded on the Site Inspection and Report and Certification Form provided in Appendix A.

Significant spills or leaks that may occur will be reported to the proper authorities in accordance with Federal Regulations. A list of applicable regulatory agencies and departments is included in Appendix B. In such events, documentation will include the following information, as appropriate:

- Name and telephone number of person reporting spill;
- Company name and location;
- Spill date and time;
- Exact location of facility and spill;

- Material spilled;
- Estimated quantity of the release;
- Sources of the spill (tank, valve, etc.);
- Description of the affected area;
- Cause of the spill;
- Injuries or damages;
- Corrective actions taken;
- Nearest downstream water;
- State whether evacuation required;
- Names of other parties contacted;
- Names of other parties to be contacted;
- Recommended revisions to the SWPPP and operating procedures; and
- Equipment needed to prevent recurrence.

5.0 NON-STORM WATER DISCHARGE CERTIFICATION

5.1 Potential Non-Storm Water Discharges

Federal law and the Mining General Storm Water Permit virtually prohibit all non-storm water discharges unless specifically permitted under an NPDES Permit. Non-storm water discharges from the Weldy Road Surface Mine are limited to unintended leaks associated with cooling systems, hydraulic systems, and fuel systems for heavy equipment.

6.0 STORM WATER MANAGEMENT CONTROLS

BMPs are measures utilized to minimize the potential for contribution of pollution to storm water runoff. BMPs have been developed for the Weldy Road Surface Mine have been implemented to minimize the potential release of pollutants into storm water discharging from the site, see Figure 2. The BMPs were established based on risk identification, assessment, and material inventory of potential pollutant sources at the site. BMPs at the Weldy Road Surface Mine target the following categories:

- Excavation and loading of gravelly sand;
- Excavation and stockpiling of gravel and sand;
- Loading of gravel and sand; and
- Fueling and maintenance of trucks and heavy equipment.

The following general practices will be incorporated into the Weldy Road Surface Mine BMPs program and will include the following:

- Good housekeeping;
- Preventive maintenance;
- Visual inspections;

- Spill prevention and response;
- Sediment and erosion control;
- Management of runoff;
- Employee training, and;
- Other BMPs
-

6.1 Vegetative Controls

The majority of the 20 acres is covered with approximately 4-6 year old vegetative growth. This vegetative growth will remain until such time that the removal of vegetation is warranted in order to surface mine the underlying gravelly sand. As mining progresses the vegetation will be removed and used to create vegetative berms in the buffer zone, topographically downgradient of the permitted mining site as well as the side slopes of the buffer zone. Topsoil will be stockpiled for use in reclamation. The final reclamation plan is to provide and maintain a 3:1 vegetated slope.

6.2 Structural Controls

One sedimentation basin will be constructed at the north end of the permitted mining area. Storm water will be naturally directed to this basin due to the site topography. An earthen berm will be constructed on the south west portion of the site north and east of Weldy Road to mitigate upgradient stormwater from entering the mining area. Since upslope storm water will have not been impacted by surface mining activities, these waters will be diverted and allowed to discharge via sheet flow across areas where vegetation remains intact. A diversion berm will be constructed on the north side of the process area to direct stormwater from this area into the active mining area. A construction entrance and exit will be constructed near the south east corner of the permitted mining area, see Figure 2.

6.3 Good Housekeeping

Good housekeeping practices are intended to keep the facility clean and orderly, thus minimizing the potential for contribution to storm water runoff. The following general practices will be incorporated into the Weldy Road Surface Mine good housekeeping program:

- Designate areas for equipment maintenance and repair;
- Provide waste receptacles at convenient locations (outside waste receptacles must be covered);
- Provide regular pick up and dispose of garbage, debris or waste material found in, and around, the facility;
- Remove and store offsite any chemicals, paints, solvents, fertilizers, and other potential toxic materials;
- Provide adequately maintained sanitary facilities;

- Provide secondary containment for raw material stockpiles (if required to prevent material entering waters of the State.
- Include good housekeeping practices in the employee training program; and
- Conduct regular housekeeping inspections.

6.4 Preventive Maintenance

The preventive maintenance program, which has been implemented at the Weldy Road Surface Mine involves the inspection and maintenance of storm water management devices and inspecting and testing of equipment to preclude breakdowns of failures that may cause pollution. Maintenance of storm water management devices, performed as part of this program, and other routine maintenance programs include the following:

- Cleaning accumulated sediment and debris from storm water conveyance systems including basins, drainage grates and culverts;
- Maintain silt fences and hay bales around drainage grates in disturbed areas until vegetation is established;
- Routinely observing containment structures to ensure proper operation and remove accumulated debris, sediment, and/or oil and grease; and
- Preventive maintenance of pumps and transfer lines to prevent petroleum products from entering the storm water flow.

6.5 Visual Site Inspections

The Pollution Prevention Team Leader (PPTL) or his designee will perform periodic visual inspections and after 25 year-24-hour storm events (approximately 6 inches or more for a 24-hour period in the Forrest County, Mississippi area to make sure storm water discharges are free from objectionable characteristics (i.e., pollutants you can see, such as turbidity, color, sheen, etc.). Areas to be inspected must include all industrial activities exposed to storm water. These areas must be checked for evidence of pollutants entering the storm water drainage system and also identify condition which may give rise to contamination of storm water. The following areas will be inspected:

- Loading/Unloading trucks and parking areas;
- Waste receptacles;
- Yard Storage Areas;
- Solid waste containers; and
- Storm water outfalls.

A log of all inspections will be maintained at the site, containing the following information:

- Date of inspection;
- Name of inspector;
- Problems observed; and
- Corrective actions taken or needed, identifying the personnel responsible for

implementing the action, and the time frame in which the corrective action is to be implemented.

The results of the monthly inspections/visual evaluations will be recorded on copies of the form provided in Appendix A. The following observations should be recorded during the inspection:

- Leaking vehicles or equipment;
- Leaking or corroded pipes, valves, fittings, hoses, pumps, tanks;
- Leaking or overfilled waste containers;
- Condition of storm water channels; and
- Evidence of pollutants at outfalls; and
- Containers exposed to storm water events.

The frequency of inspections shall be performed as often as needed, mainly during or immediately after a major precipitation event, but no less than once monthly.

6.6 Sediment and Erosion Control

Areas disturbed during mining and reclamation activities should have measures in place to reduce sediment in the runoff. These measures will include the establishment or maintenance of the vegetative cover (pre- and post-mining) and the strategic placement of mechanical erosion control measures (e.g. silt fences, mulch, hay bale filters, etc.), as required to minimize any associated runoff.

6.7 Management of Runoff

The surface topography as well as stormwater Weldy Road Surface Mine site slopes downgradient from Weldy Road north-northeast to an elevation of approximately 150 feet msl. Vegetative and structural controls as previously mentioned in other sections of this SWPPP will manage stormwater provided the controls are implemented properly. As previously mentioned a sedimentation basin will be located adjacent and downgradient of the mining area. This proposed sedimentation basin is strategically located between the proposed mining areas and downgradient streams to intercept surface water prior to entering water conveyance systems. Stormwater diversion channels, earthen berms, silt fences, vegetative barriers or other obstruction will be maintained along operation boundaries. Riprap will be placed at concentrated storm water discharge points to prevent erosion from high runoff velocities.

6.8 Containment Area Drainage

Any accumulated storm water within secondary containment areas will be drained and such discharges monitored by the PPTL or its designee. The Weldy Road Surface Mine will use BMPs in order to ensure that accumulated, impacted stormwater, as indicated by a visible sheen or visible turbidity, is not discharged until the contaminant is separated from the accumulated storm water. Instituted BMPs include routine visual inspections and prompt removal of accumulated debris, sediment and/or oil and grease. All operations must be conducted under the oversight of the PPTL. Records of inspections and discharge events are documented and maintained for a period of three years at the

facility.

Discharge guidelines are summarized below:

- Uncontaminated accumulation, as indicated by no visible sheen or floating debris on the surface of the water, can be discharged from the containment area(s) in accordance with BMPs as recognized by the MDEQ; and
- Contaminated accumulation, as indicated by a visible sheen on the surface of the water, must be collected and stored pending transportation and disposal in accordance with MDEQ rules and regulations.

6.9 Other BMPs

Other BMPs instituted at the Weldy Road Surface Mine that are intended to minimize the potential for contribution of pollutants to storm water involves the following categories:

- Operation and maintenance;
- Material storage; and
- Material inventory.

6.9.1 Operation and Maintenance

The following operations and maintenance activities will be followed:

- All equipment will be inspected on a regular basis to ensure proper working conditions; and,
- Visual inspections for leaks that could lead to discharges of chemicals or fuel, or for conditions where storm water contacts fuel or lubricants leaking from equipment or vehicles will be performed monthly.

6.9.2 Material Storage Practices

The following proper storage techniques will be followed:

- Storage containers and drums will be moved from direct traffic routes to prevent accidental spills;
- Containers will be stored on pallets, or similar devices, to prevent corrosion of the containers, which can result when containers come in contact with moisture on the ground surface;
- Hazardous materials and petroleum products will be stored within contained areas or on spill pallets for containers of 55 gallons or less;
- Non-hazardous facility waste, which includes office paper, packaging materials, and cardboard, will be disposed of in covered containers located at the facility. The containers will be emptied by a contractor, as needed. Housekeeping measures will be performed to assure that the areas around the containers are maintained; and
- Storage containers, drums, hazardous materials, non-hazardous materials and petroleum products will be stored under roofed structures whenever feasible to

minimize exposure to storm water events.

6.9.3 Material Inventory Procedures

The following inventory procedures will be followed:

- All chemical substances present in the work place will be identified and a Material Safety Data Sheet will be retained on file for each chemical;
- All containers will be labeled to show the name, type of substance, stock number, expiration date, health hazards, suggestions for handling, and first aid information; and
- All hazardous materials, petroleum products, and recyclable materials that require special handling, storage, use, and special consideration shall be clearly marked on the container.

6.9.4 Fueling Operations

Fueling operations include fuel transfers from fuel trailers with secondary containment directly to the fuel tanks of the heavy equipment that will be used in product processing. Procedures have been developed to guide linemen in the proper procedures. In addition, these procedures include drip pads and pans that should be used where appropriate to prevent drips from contaminating concrete or the ground surface and coming in contact with storm water. A spill kit shall be located at the gate house and shall be used in the event a spill incident occurs.

6.10 Employee Training

Effective management of storm water pollution will require all facility staff to be familiar with those conditions that may cause pollution. Furthermore, day-to-day proper use of BMPs by all plant personnel is essential for the success of the SWPPP. Mr. John C. Nelson is the designated PPTL and will be responsible for implementation of the guidelines established in the SWPPP.

The PPTL will be responsible for employee training at the Weldy Road Surface Mine. Training objectives consist of 1) spill prevention and response, 2) good housekeeping practices, 3) material management practices, and 4) other general BMPs. Training will be conducted on an annual basis, and the information will be reviewed with new employees during their employee orientation. Regular feedback regarding the implementation and maintenance of the storm water management practices should be obtained from operations staff by the PPTL. In addition, the PPTL will annually evaluate the effectiveness of the training program and make improvements to promote tenant awareness. An Employee Training Log to document new employee and annual training is provided in Appendix C.

7.0 LIMITATIONS AND RECORD KEEPING

7.1 Storm Water Discharge Limitations

Storm water will be free from:

- Debris, oil scum, foam, sheen, and other floating materials other than in trace amounts;
- Eroded soils and other materials that will settle to form objectionable deposits in receiving waters;
- Suspended solids, turbidity, and color at levels inconsistent with receiving waters; and
- Chemicals in concentrations that would cause violation of state water quality criteria in receiving waters.

7.2 Record Keeping

Records obtained from all inspections evaluation will be retained onsite for a minimum of seven years after the date of the inspection. The PPTL will conduct the inspections and new-employee/annual storm water training. A copy of all storm water records will be retained in the Weldy Road Surface Mine environmental files.

8.0 CERTIFICATION OF SWPPP

I certify under penalty of the law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person, or persons, who manages 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.

John C Nelson

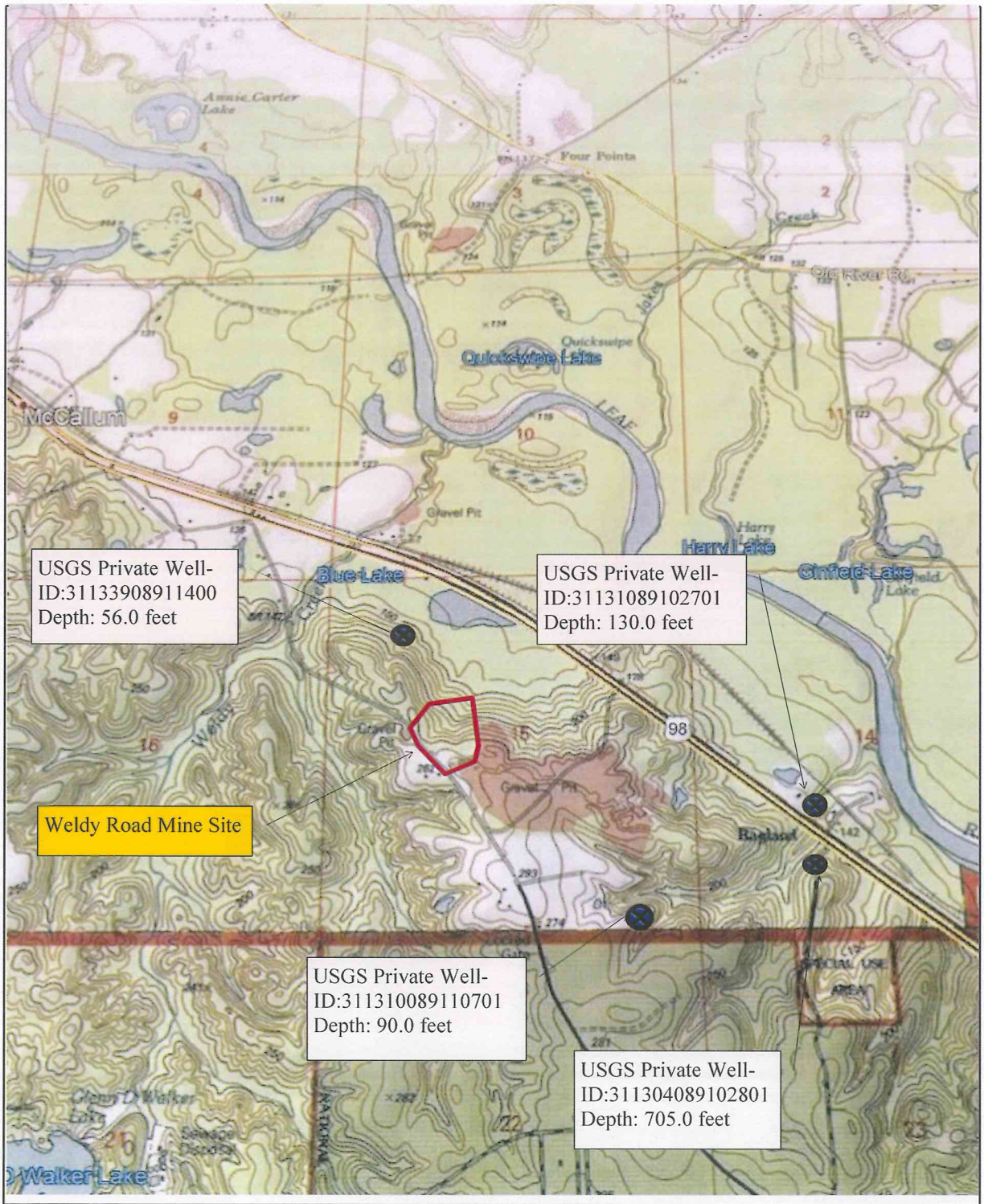
Signature: Plant Manager

John C Nelson

Printed Name: Plant Manager

Date: 5/18/20

FIGURES



Weldy Road Surface Mine **Weldy Road** **Hattiesburg, Forrest County, Mississippi**	NEEL-SCHAFFER *Solutions you can build upon*			**Figure 1** **Site Topographic Map** ***McLaurin, MS 2000***	
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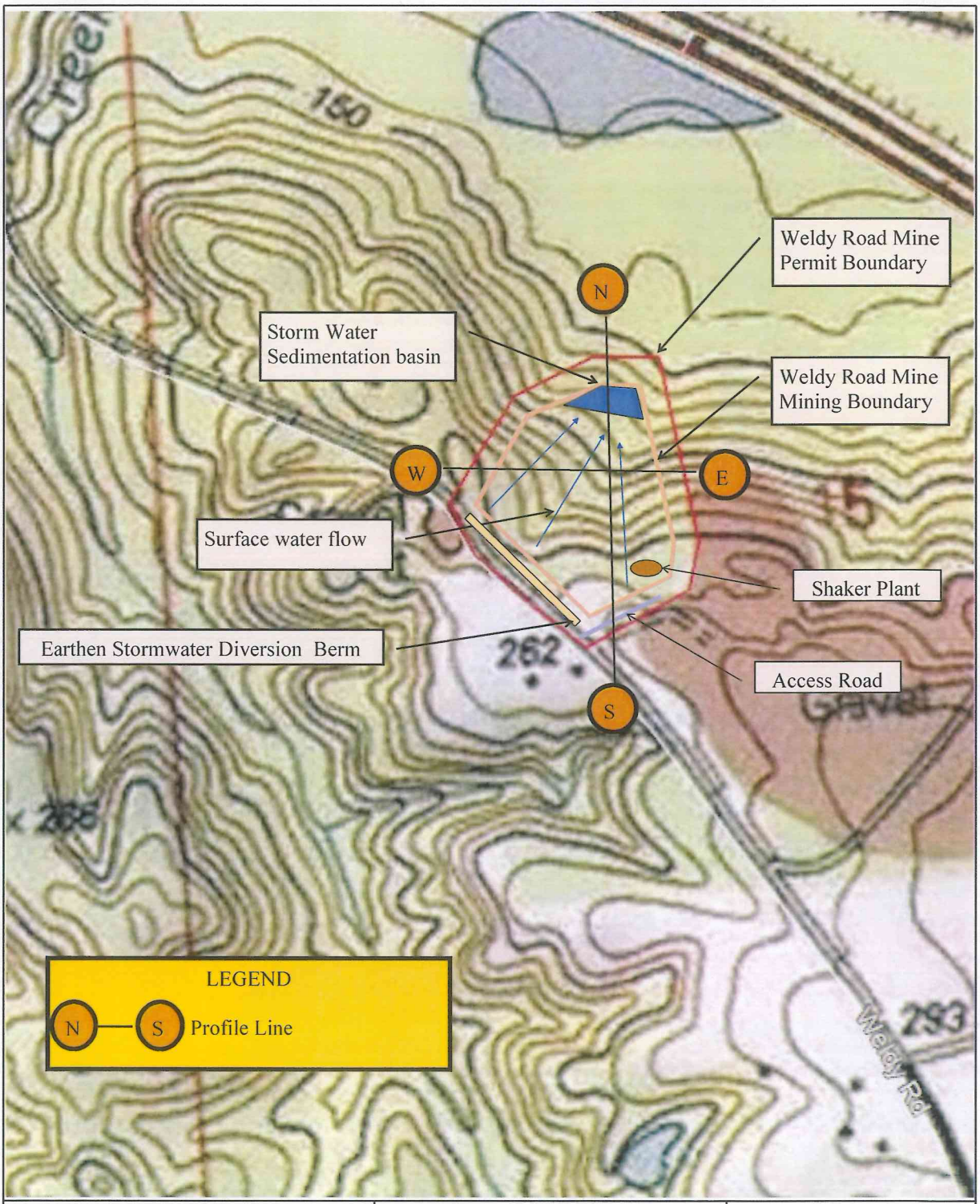
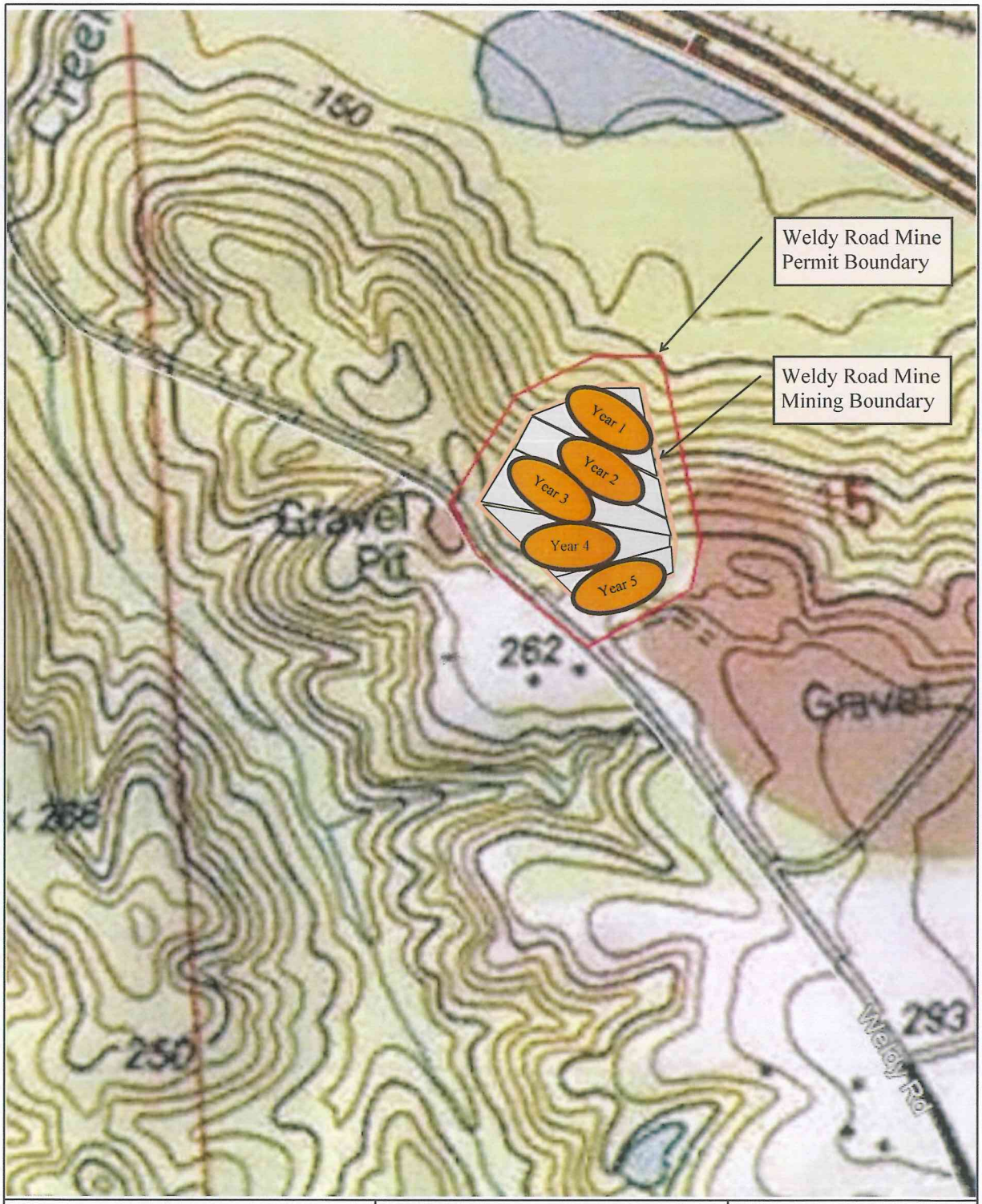
	Checked By:	RDW	05/05/20	1" ~ 925'	



Weldy Road Mine **Weldy Road** **Hattiesburg, Mississippi**	NEEL-SCHAFFER *Solutions you can build upon*			**Figure 2** **General Site Plan** ***McLaurin, MS 2000***	
	Created By:	RDW	05/05/20	SCALE	
	Checked By:	RDW	05/05/20	1" ~ 626'	



Weldy Road Mine **Weldy Road** **Hattiesburg, Mississippi**	NEEL-SCHAFFER *Solutions you can build upon*			**Figure 3** **Phased Mining Sequence Plan** ***McLaurin, MS 2000***	
	Created By:	RDW	05/05/20	SCALE	
	Checked By:	RDW	05/05/20	1" ~ 626'	

APPENDIX A
SITE INSPECTION AND REPORT AND CERTIFICATION FOM

COVERAGE NUMBER (MSR32 __ __ __ __) INSPECTION YEAR_____
SITE INSPECTION REPORT AND CERTIFICATION FORM
MINING GENERAL PERMIT

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Results of the inspection by ACT7 of this permit shall be recorded on this report form and in addition, copies of all completed forms shall be retained onsite or locally available. Inspections must be performed monthly and after a 2-year, 24-hour storm event (approx. 6-inches on Gulf Coast to 4-inches at MS/TN State Line). The coverage number must be listed at the top of all Site Inspection Report and Certification Forms.

COVERAGE RECIPIENT INFORMATION

COMPANY NAME: _____ MINE NAME: Weldy Road Mine

MINE LOCATION: _____ GEOLOGY APPLICATION/PERMIT NO. _____

NEAREST PROJECT CITY: _____ COUNTY: _____

MAILING ADDRESS: _____

MAILING CITY: _____ STATE: Mississippi ZIP: 39401

CONTACT PERSON: _____ CONTACT PHONE NUMBER: _____

INSPECTION DOCUMENTATION

DATE (mm/dd/yy)	TIME (hh:mm AM/PM)	AFTER 2-YEAR, 24-HOUR STORM EVENT? (CHECK IF YES)	ANY DEFICIENCIES? (CHECK IF YES)	INSPECTOR(S)
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
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		☐	☐	

Deficiencies Noted During any Inspection (give date(s); attach additional sheets if necessary): _____

_____

Corrective Action Taken or Planned (give date(s); attach additional sheets if necessary): _____

_____

Based upon this inspection which I or personnel under my direct supervision conducted, I certify that all erosion and sediment controls have been implemented and maintained, except for those deficiencies noted above, in accordance with the Storm Water Pollution Prevention Plan filed with the Office of Pollution Control and sound engineering practices as required by the above referenced permit. I further certify that the MNOI and SWPPP information on file with MDEQ is up to date.

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 gather and evaluate the information submitted. Based on my inquiry of the person or persons 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 fines and imprisonment for knowing violations.

_____ Operator

Authorized Signature Date

_____ _____

Printed Name Title

APPENDIX B
REGULATORY AGENCIES

APPPENDIX B

REGULATORY/EMERGENCY AGENCIES

1. National Response Center
   Open 24 hours per day, 365 days per year
   Telephone No.: (800) 424-8802
2. Emergency Response Staff
   MDEQ
   Telephone No.: (601) 352-9100 or 1-800-222-6362 (24 hour)
3. United States Environmental Protection Agency
   Telephone No.: 404-562-9900 or 1-800-241-1754 (8AM to 5PM)
4. Forrest County Emergency Management
   (601) 544-5911
5. Mississippi Highway Patrol
   (601) 987-1212
6. Mississippi Emergency Management Agency
   24-hour State Warning Point
   800-222-6362
7. McLaurin Volunteer Fire Department
   (601) 545-3473
8. Hattiesburg Fire Department
   (601) 545-4691
8. Forrest County Sheriff Department
   (601) 544-7800
9. Hattiesburg Police Department
   (601) 544-7900

APPENDIX C
EMPLOYEE TRAINING LOG

Employee Training Log

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Instructions: Newly hired employees responsible for implementing and/or complying with the requirements of the permit shall receive initial training prior to performing such responsibilities. Employees shall receive refresher training at a minimum of every twelve (12) months, thereafter. Proper documentation of employee training must be maintained. Include copies of the training agenda and certificates of training when applicable. All training records shall be maintained for at least three years from the date of training. [Baseline General Permit ACT12 S-1]

Facility Name:	Physical Address:
Coverage Number:	Training Date:
Training Topic:	
Training Description:	

Employee Name (printed)	Employee Signature	Worker ID Number	Initial/Refresher

"I certify under penalty of law that this report is true, accurate, and complete, to the best of my knowledge and belief."

Trainer Name (printed)	Trainer Signature	Date