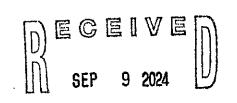
A1:87292



MSR32 __MDEQ

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: OWNER	✓ OPERATOR			
OWNER CONTACT INFORMATION				
OWNER CONTACT PERSON: Michael Myerhof	f			
OWNER COMPANY LEGAL NAME: New Gen,	LLC			
OWNER STREET OR P. O. BOX: P.O. BOX 66	55			
owner CITY: Marion	TATE: MS ZIP: 39342			
OWNER PHONE #: (601)482-1815	OWNER EMAIL: mm@dvdson.net			
OPERATOR CONTACT INFORMATION				
OPERATOR CONTACT PERSON: Michael Mayer	rhoff			
OPERATOR COMPANY LEGAL NAME: Davids	on Hauling, Inc.			
OPERATOR STREET OR P. O. BOX: 989 North	east Industrial Park Road			
= -	STATE: MS ZIP: 39301			
OPERATOR PHONE #: (601) 934-6987 OI	PERATOR EMAIL: mm@dvdson.net			
MINE INFORMATION				
MINE NAME: Water Tower Mine				
MINE SITE ADDRESS (If the physical address is not a	vailable, please indicate nearest named road.)			
Street: Water Tower Road				
City: Meridian State: MS	County: Lauderdale Zip: 39307			
NW 1 /4 OF SE 1 /4 OF SECTION 25	·-			
MINE SITE TRIBAL LAND ID (N/A If not applicable):	,N/A			
ATTACH A USGS QUAD MAP, EXTENDING 1/2 MILI (Maps can be obtained from the Mississippi Office of Geo	E BEYOND FACILITY, OUTLINING THE MINE BOUNDARIES logy. For information call 601-961-5523).			
LATITUDE: 32 degrees 25 minutes 28 seconds	LONGITUDE: 88 degrees 36 minutes 57 seconds			
LAT & LONG DATA SOURCE (GPS (Please GPS Entr	ance Gate) or Map Interpolation): GPS			
TOTAL ACREAGE: 4	MATERIAL TO BE MINED: Sand/Clay			
	YES NO			
WASHING OF SAND/GRAVEL?	¥ES ₹NO			

ESTIMATED START DATE: _		ESTIMATED END DATE:	2029-12-31
SIC CODE14	YYYY-MM-DD	NAICS CODE	YYYY-MM-DD
		G STREAM INFORMATION	
NEADECT MAMED DECERT		named tributary of Sowashee Creek	
NEAREST NAMED RECEIVE	NG STREAM: UII	married tributary of Sowasnee Creek	
		(D) LIST OF IMPAIRED WATER MDL stream segments may be found of MDEQ?	YES NO
		e/TWB_Total_Maximum_Daily_Load_Sec	
HAS A TMDL BEEN ESTABL	ISED FOR THE RE	CEIVING STREAM SEGMENT?	YES NO
COM	PLETE IF STOR	M WATER DISCHARGE IS PROPOSE	ED
ATTACH A STORM WATER	POLLUTION PREV	ENTION PLAN (SEE PERMIT FOR REQUIR	EMENTS)
IDENTIFY THE ASSOCIATION	ON OR GENERIC SV	WPPP ON FILE AT MDEQ:	
See Attached			
(VASTEWATER RECIRCULATION NO DISCHARGE IS PROPOSED	
DISTANCE BETWEEN RECI (MUST BE AT LEAST 150 FE	RCULATION POND ET)	(S) AND PROPERTY LINE:(FT	")
NUMBER OF RECIRCULATI	ON POND(S):		
STORAGE CAPACITY OF EA	CH RECIRCULATI	ION POND(S):	(FT³)
C	OMPLETE IF M	INE DEWATERING IS PROPOSED	
ESTIMATED DEWATERING	VOLUME:	(GAL/DAY)	
		THE DISCHARGE MONITORING REPORTS	(DMRs), IF

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	committies requirements. If the mine requires a Course of Engineers		
Section 404 permit, provide appropriate documentation with this MNOI t The mine has been approved by individual permit, or	hat:		
 The work will be covered by a nationwide permit and NO NOTIFIC. The work will be covered by a nationwide or general permit and NO 	ATION to the Corps is required, or TIFICATION to the Corps is required.		
LIST ANY NPDES PERMIT NO(s). N/A GE	OLOGY APPLICATION/PERMIT NO. Exempt Operation		
LIST OTHER GEOLOGY PERMIT NUMBERS THAT APPLY TO COV	verage area N/A		
IS THE MINE LESS THAN 4 ACRES AND GREATER THAN 1320 FEE	ET FROM ANOTHER MINE?		
YES A "Notice of Exempt Operations" Form must be included if previously submitted to the Office of Geology.	with the MNOI or proof of prior submission,		
NO A "Notice of Intent to Mine Class I or Class II Materials" General Permit. For information on Office of Geology requ	Form must be filed before coverage will be granted under the Mining uirements, call 601-961-5515.		
LIST ANY LOCAL STORM WATER ORDINANCES WITH WHICH TH	HE OPERATIONS MUST COMPLY AND SUBMIT ANY		
ASSOCIATED APPROVAL DOCUMENTATION. N/A			
IF IMPOUNDMENTS WILL BE CONSTRUCTED ABOVE NATURAL S FOLLOWING APPLY.	SURFACE ELEVATIONS, INDICATE WHICH, IF ANY, OF THE		
The impoundment will be constructed with a peripheral dam or lev	ree 8 feet or greater in height, measured from the lowest elevation of its toe.		
The impoundment will have a maximum storage volume greater that	an 25 acre-feet.		
The impoundment will impound a watercourse with a continuous fl	ow.		
The impoundment has the potential to threaten downstream lives or	r man-made structures.		
If <u>any</u> of the impoundments meet any of the above criteria, the applicant w Division before coverage will be granted under the Mining General Permit	ill be required to obtain written authorization from MDEQ, Dam Safety		
I certify under penalty of law that this document and all attachmen with a system designed to assure that qualified personnel properly inquiry of the person or persons who manage the system, or thos information submitted is, to the best of my knowledge and belief, t penaltics for submitting false information, including the possibility	y gathered and evaluated the information submitted. Based on my se persons directly responsible for gathering the information, the true, accurate and complete. I am aware that there are significant		
Michael Mayerful	08-29-24		
Authorized Signature	Date		
Michael Mayerhoff	Vice President		
Printed Name	Title		
 This application shall be signed according to the General Permit, Act 15, T 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 Duly Authorized Representative 			
Please submit this form to: Chief, Environmental Permits Division MDEQ, Office of Pollution Control P.O. Box 2261 Jackson, Mississippi 39225			

Storm Water Pollution Prevention Plan

for

Non-Coal Surface Mining Operations in the

by

Davidson Hauling, Inc.

989 Northeast Industrial Park Road Meridian, MS 39301

for Water Tower Mine

Water Tower Road Meridian, MS 39301

August 2024

Prepared by Trademark Consulting of MS, LLC 9085A Pine Springs Road Meridian, MS 39305

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INTRODUCTION

This document is the Storm Water Pollution Prevention Plan (SWPPP) for Non-Coal Surface Mining Operations by Davidson Hauling, Inc.. This plan is the criteria for compliance with the regulations set forth by the Environmental Protection Agency, National Pollutant Discharge Elimination System (NPDES) permit application regulations for storm water discharges regarding construction storm water.

The purpose of this SWPPP is the control and mitigation of pollution in storm water discharges associated with the non-coal surface mining operations.

SITE DESCRIPTION

This project consists of excavation necessary to create a non-coal surface mine. Proposed activities will include land clearing, topsoil stripping and storage, excavation, and finally, reclamation. Access to the mining area will be from Water Tower Road. Upon completion of excavation activities, the disturbed areas will be permanently vegetated.

Construction will disturb approximately 4 acres located in the Northwest ¼ of the Southeast ¼ of Section 26, Township 7 North, Range 16 East, Lauderdale County, Mississippi. The topography of the site is gently sloping throughout. Currently, surface runoff generally drains easterly toward an unnamed tributary of Sowashee Creek. From the Soil Survey of Lauderdale County, by the Soil Conservation Service, the majority of the existing soils appear to be LS (Sweatman Fine Sandy Loam), typically classified as a SC or SC-SM material according to the Unified Soil Classification System.

The majority of the project site described above is covered with timber. Storm water from this proposed site drains into an unnamed tributary of Sowashee Creek. Sowashee Creek is listed on the 303(d) list for impairment as prescribed by MDEQ. However, runoff will discharge through rock filter check and discharge for mining operation must travel approximately 250' overland through heavy vegetation before entering a defined channel. Perimeter controls will further aid in eliminating potential contamination.

Planned reclamation of this site is to slope all walls to a maximum 3:1 slope. All disturbed areas will be re-vegetated.

GENERAL REQUIREMENTS

This Storm Water Pollution Prevention Plan consists of various controls appropriate for this particular site. The purposes of these various controls shall:

- Divert upslope water around disturbed areas of the site.
- Limit the exposure of disturbed areas to the shortest time as practical.
- Minimize the amount of surface area that must be disturbed.
- Implement Best Management Practices to mitigate adverse impacts from storm water runoff.
- Remove sediment from storm water before it leaves the site using appropriate methods.

Erosion and sediment controls consisting of vegetative and structural practices shall be designed to preserve vegetation or timely revegetated, disturbed areas; divert flow from exposed soils; store flows or otherwise limit runoff from exposed areas.

Post mining measures shall include on-site infiltration, flow attenuation in vegetated swales and natural depressions. After mining is complete the area void of ground cover shall be re-vegetated. After re-vegetation is complete, temporary erosion control measures shall be removed. Velocity dissipation may be required at the outfall of swales and drainage structures to provide non-erosive flows.

BEST MANAGEMENT PRACTICES

The implementation of these practices shall begin immediately upon coverage and will be maintained through the life of this project. The controls of importance include but are not limited to:

- Installation of silt fencing.
- Construction of a settlement area within mine footprint to capture storm water and allow for settlement of solids in the event of excessive rainfall release.
- Construction of diversion berm along downslope perimeter to divert mine runoff into settlement area.
- Installation of diversion berms along upslope perimeter of mine area to divert upstream run-off around disturbed areas.
- Permanent re-vegetation shall occur after excavation to prevent erosion.

Mine operator shall implement controls to prevent erosion and adverse impacts on nearby streams and/or ponds. When work is not being performed in a disturbed area, appropriate temporary and/or vegetative and structural practices shall be initiated within seven calendar days.

IMPLEMENTATION SEQUENCE

The implementation sequence is as follows:

- Install silt fencing.
- Construct settlement area within mine footprint.
- Construct downslope diversion berm
- Construct upslope diversion berms
- Perform excavation and re-vegetate.

POST CONSTRUCTION/STORM WATER MANAGEMENT MEASURES

- Plate slopes with stockpiled topsoil and re-vegetate.
- Remove silt fencing and rock check dams after satisfactory vegetation cover is in place.

HOUSEKEEPING PRACTICES

The operator shall designate an area adjacent to the mine entrance for all equipment maintenance and repair. Runoff from this area will be directed away from natural drains and preparation will be made to remove any contaminants prior to release from subject property. Waste receptacles will be positioned as needed throughout site and be serviced on regular intervals. Adequately maintained sanitary facilities will be provided. All chemicals, solvents, fertilizers and other potentially toxic materials will be stored in enclosed storage units or off site.

IMPLEMENTATON/INSPECTION

The owner/operator of this site shall implement controls as noted above to prevent erosion and adverse impacts on the nearby creek. When a disturbed area not actively being mined will be left undisturbed for 30 days or more, the appropriate temporary or permanent vegetative practices shall be implemented within seven (7) calendar days.

All accumulated sediment shall be removed from structural controls when sediment deposits reach 1/3 to 1/2 the height of the control. All removed sediment deposits shall be properly disposed. Non-functioning controls shall be repaired, replaced or supplemented with functional controls within 24 hours of discovery or as soon as field conditions allow. Make all needed repairs within 24 hours. Maintain all vegetated areas to provide proper ground cover-reseed, fertilize and mulch as needed.

Inspections of all receiving streams (if feasible), outfalls, erosion and sediment controls, and other SWPPP requirements upon receipt of coverage and throughout permit coverage at least monthly, within 24 hours after commencement of a rainfall event equal to or greater than a 2-year, 24-hour storm event (approximately 6-inches on the Gulf Coast to 4 inches at the Mississippi-Tennessee State Line), and as necessary to ensure that erosion controls have been constructed, maintained, and function adequately to satisfy the requirements of this permit and to ensure that pollutants are not leaving the site.

These inspections should be reported in compliance with this permit. All records resulting from activities required shall be retained for a period of at least three years from the date of the inspection or report.

Within 30 days of final stabilization, a complete Request for Termination (RFT) of Coverage form shall be submitted to the Permit Board.

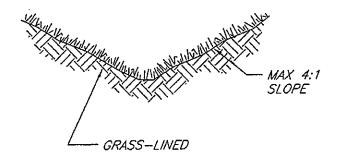
CERTIFICATION

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 the 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.

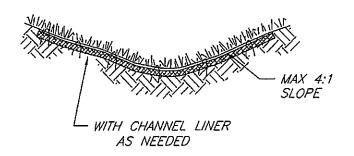
Meichel Maychell
Authorized Signature

8-30-24

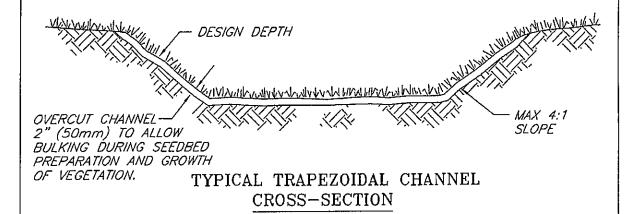
Date



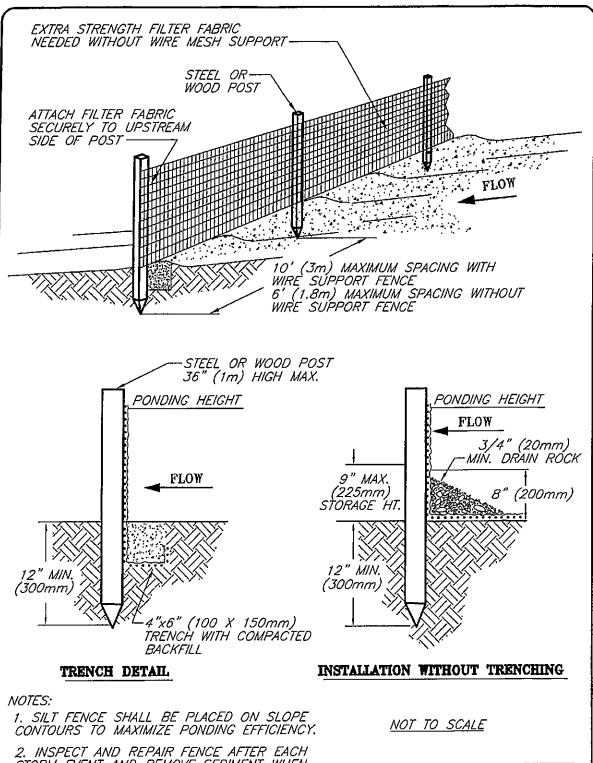
TYPICAL V-SHAPED CHANNEL CROSS-SECTION



TYPICAL PARABOLIC CHANNEL CROSS-SECTION

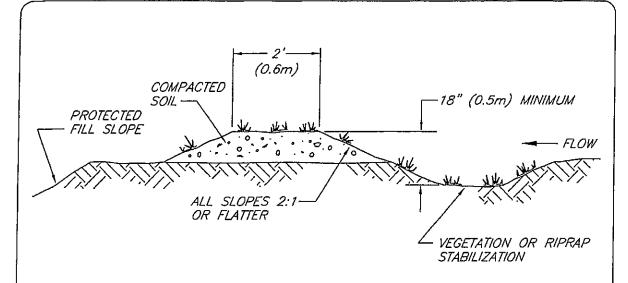


GRASS-LINED CHANNEL TYPICAL CROSS SECTIONS

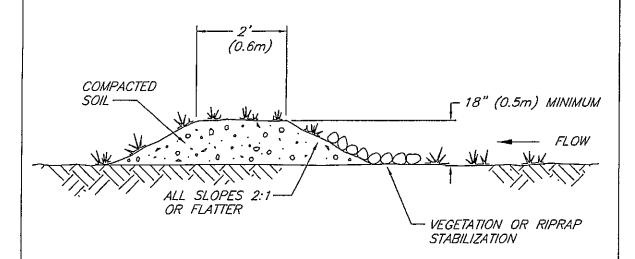


- 2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" (225mm) MAXIMUM RECOMMENDED STORAGE HEIGHT.
- 3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF—SITE AND CAN BE PERMANENTLY STABILIZED.

SILT FENCE



TYPICAL FILL DIVERSION



TYPICAL TEMPORARY DIVERSION DIKE

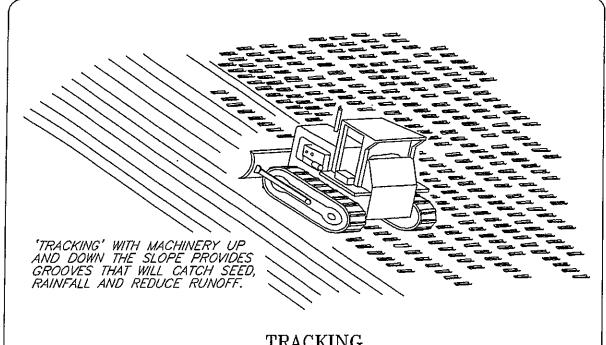
NOTES: 1. THE CHANNEL BEHIND THE DIKE SHALL HAVE POSITIVE GRADE TO A STABILIZED OUTLET. 2. THE DIKE SHALL BE ADEQUATELY COMPACTED TO PREVENT FAILURE.
3. THE DIKE SHALL BE STABLILIZED WITH

TEMPORARY OR PERMANENT SEEDING OR RIPRAP.

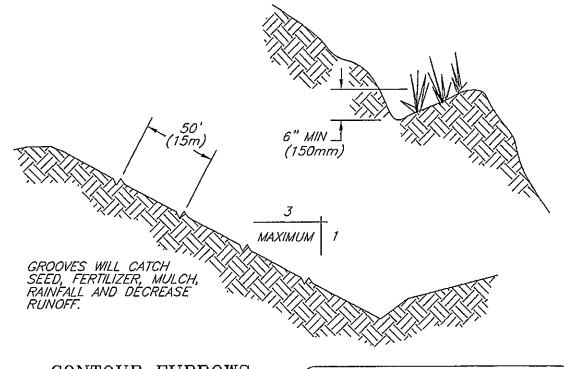
TEMPORARY DIVERSION DIKE

FILE: TEMPDIKE

(3)



TRACKING



CONTOUR FURROWS

SURFACE ROUGHENING

FILE: SRFROUGH

1994 JOHN McCULLAH

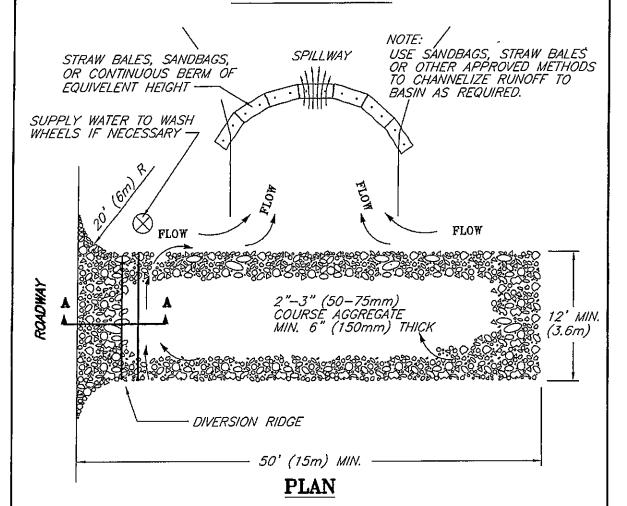
(i)



% OR GREATER



SECTION A



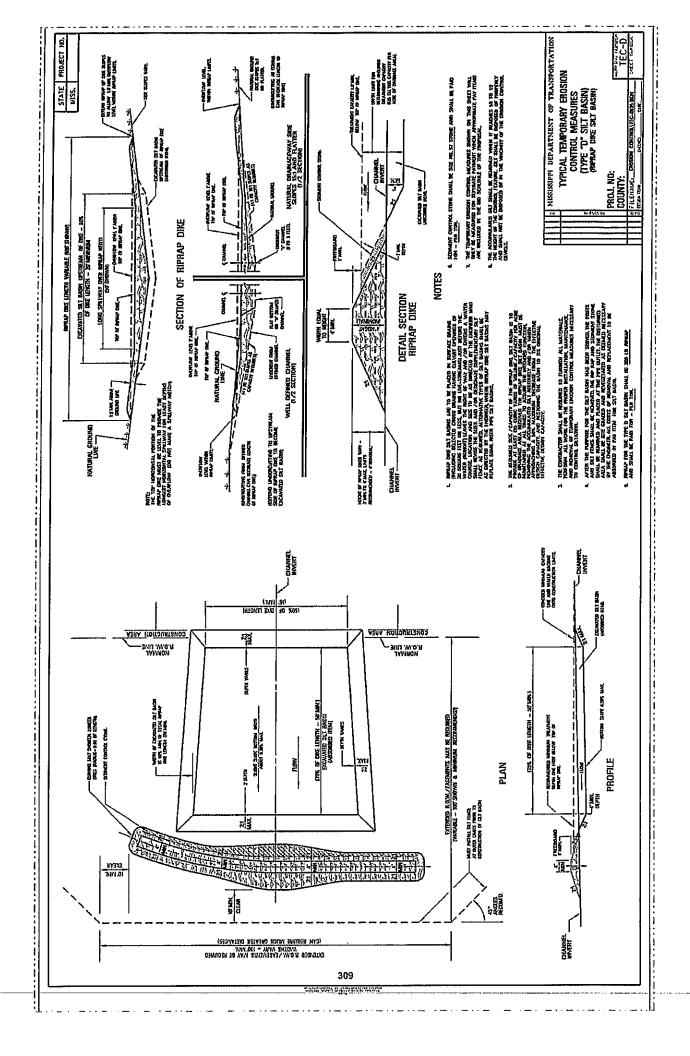
NOTES:

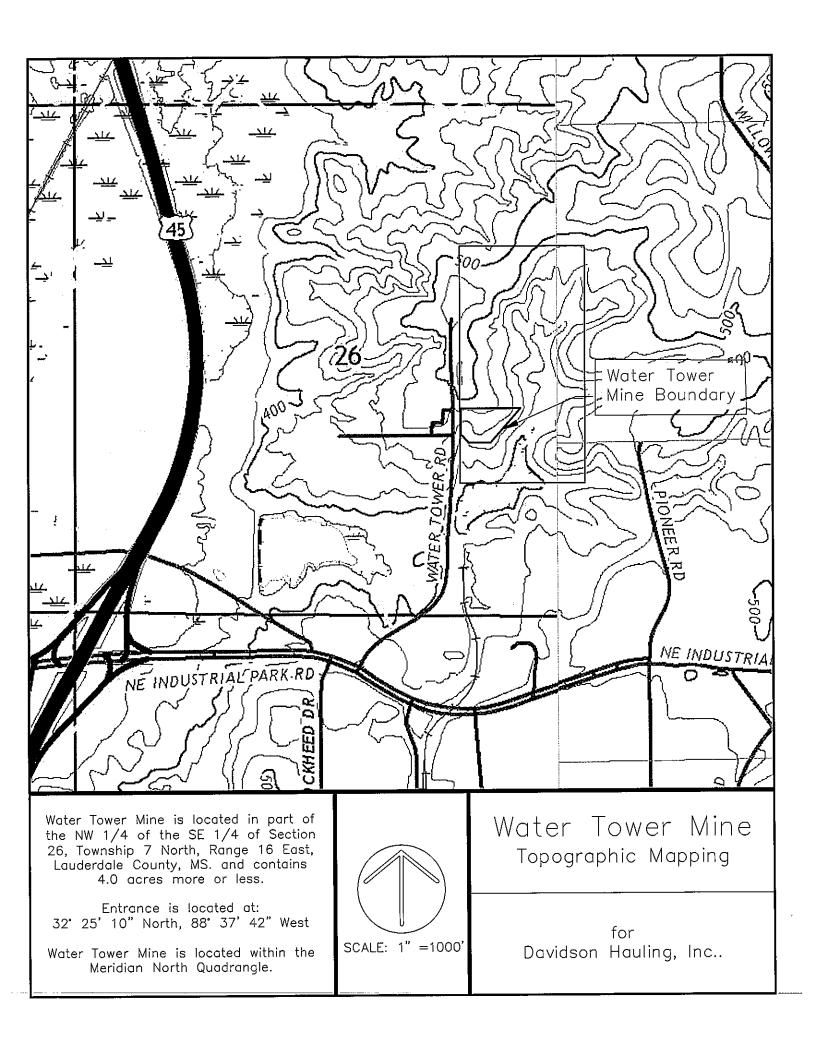
- 1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT—OF—WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
- 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABLIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

FILE: ENTRANCE

TEMPORARY ENTRANCE

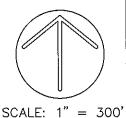
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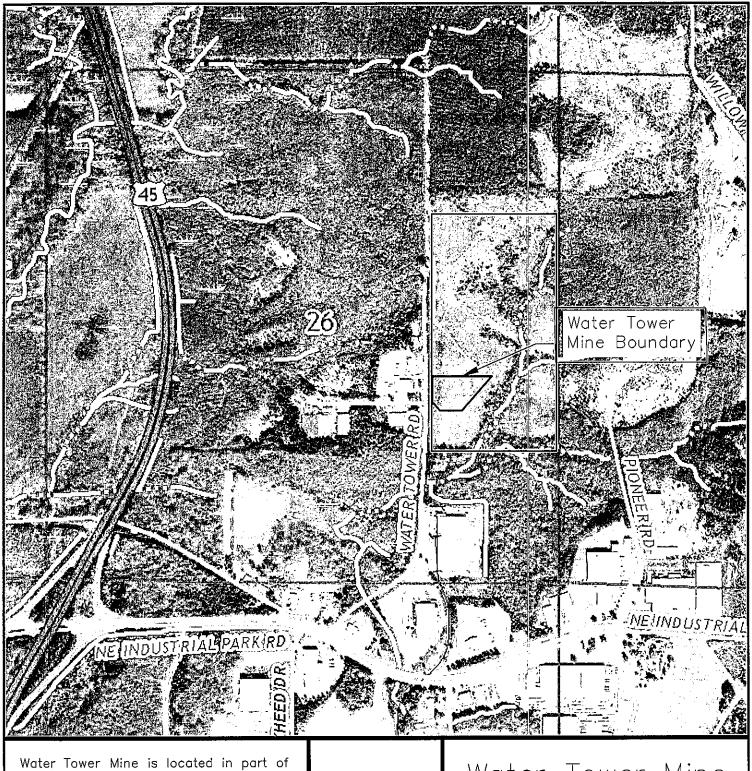
UPON COMPLETION OF EXCAVATION, AREA TO BE REVEGETATED. ALL DISTURBED AREAS TO BE GRADED TO A MAXIMUM 3:1 SLOPE AND REVEGETATED. Spoil Piles Along Interior Pit Perimeter Water Tower (Grassed) Mine Boundary 60' Buffer Settlement Area Silt Fence Property Boundary

Subsequent to clearing and grubbing, topsoil to be stripped and stockpiled around perimeter of pit area. Storm water runoff within pit area to be collected in settlement area prior to exiting mine footprint.



Water Tower Mine
Pit Layout

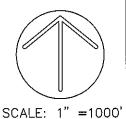
for Davidson Hauling, Inc.



Water Tower Mine is located in part of the NW 1/4 of the SE 1/4 of Section 26, Township 7 North, Range 16 East, Lauderdale County, MS. and contains 4.0 acres more or less.

Entrance is located at: 32° 25′ 10″ North, 88° 37′ 42″ West

Water Tower Mine is located within the Meridian North Quadrangle.



Water Tower Mine
Aerial Mapping

for Davidson Hauling, Inc.



MINING NOTICE OF INTENT (MNOI) FOR COVERAGE UNDER MINING STORM WATER, DEWATERING AND NO DISCHARGE GENERAL PERMIT MSR32

(Number to be assigned by State)

(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 <u>not</u> 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. <u>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.</u>
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).
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) SEP 09 2024
SEP 09 2024
Dept. of Environmental Quality
Dok.