ARG (NPDES non-stormwater general permit) Notice of Intent - ARG160000, ARG250000, ARG500000, ARG550000, ARG6400000, ARG670000, ARG750000, and ARG790000 Applications for New Permit Coverage

Digitally signed by:
nform
DPEPORTALIIS.ADPCEDM
Date: 2025.04.05 15:01:17 -05:00
Reason: Copy Of Record
Location: North Little Rock, Arkansas

version 1.30

(Submission #: HQ7-H9D0-GN98W, version 4)

Details

AFIN 27-00406 **Reference #** ARG500120

Submission ID HQ7-H9D0-GN98W

Form Input

Type of Permit Application

Permit Type

ARG500000 - Aggregate Facility

Are you constructing or installing a new treatment system?

Yes

Initial Fee (in dollars)

200

Construction Fee

There is a one-time \$500 fee for construction

Total Fee due with Application (in dollars)

700

ARG500000: Specific Information

Exclusions

Please note that the following types of discharges are explicitly excluded from ARG500000 coverage:

- 1. Facilities producing sand for industrial use (as opposed to construction use)
- 2. Facilities conducting streambed mining as regulated by APC&EC Rule 15.403 or in-stream dredging operations as described by Section 404 of the Clean Water Act.

I certify that to the best of my knowledge, this facility is not subject to any of the exclusions listed above. Yes

Other Exclusions

In addition to the above list, waterbody-specific exclusions and/or other exclusions may be applicable. See the permit for details:

https://www.adeq.state.ar.us/downloads/WebDatabases/PermitsOnline/NPDES/Permits/ARG500000.pdf

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The Aquaview application may be useful if you wish to check the status of receiving waters for the facility: https://arkansasdeg.maps.arcgis.com/apps/webappviewer/index.html?id=fb5a6aa70fd940cda4c9a3d7bc2fbb15

Geological Description of Site

The Smithton fine sandy loam (0-2% slopes) and Warnock fine sandy loam (1-7% slopes) cover the central upland area, while Amy silt loam (0-2% slopes) is on the southern upland. These soil units range from 0-80 inches thick, with topsoil typically 6-8 inches. Overburden and soil horizons vary from 0-5 feet. The white quartz gravel resource, with sand interburden, averages 15 feet thick and is underlain by a brownish-gray clay layer.

Chemicals used onsite coming into contact with water (if applicable)

NONE PROVIDED

Site map

Please attach a site map that shows the following:

- 1. All outfalls discharging water at the site (including outfalls permitted under other NPDES permits),
- 2. Direction of stormwater flow onsite,
- 3. Areas of active and inactive mining,
- 4. Processing areas,
- 5. Location of potential pollutant sources, and
- 6. Nearby receiving waters.

Site Map

Figure 1-6 sealed.pdf - 11/07/2024 09:20 AM

Comment

This is an open cut mine that washes sand and gravel without chemicals or sanitary waters.

Will the facility be using an existing process water pond not previously covered under the ARG500000 general permit, or converting a mine pit into a process water pond?

No, this facility is constructing a new process water pond and I have submitted plans and specifications in the construction section of this application

CORRECTION REQUEST (APPROVED)

Change this to "No".

There has been some internal discussion that determined that, because the process water pond does not yet exist, this will count as a "No". This will require a Form 1 to be submitted as well.

Created on 3/21/2025 9:38 AM by Ryan Grandgenett

1 COMMENT

james musgrove (james@ehsapex.com) (3/25/2025 6:00 PM)

Revised plans reviewed by Professional Engineer will be submitted via FedEx to Mr. Grandgenett as per his email and subsequent telephone discussions.

Permittee Information

AFIN (Enter if available)

27-00406

CORRECTION REQUEST (APPROVED)

AFIN number should be "27-00406"

This is the filing number with the Secretary of State. The AFIN number is a number we generate to keep tracking of a company's financials. Normally, this site would not have an AFIN yet. However, because other permits have been submitted for this site, an AFIN has been generated for it.

Created on 11/21/2024 2:17 PM by Ryan Grandgenett

1 COMMENT

james musgrove (james@ehsapex.com) (12/23/2024 2:26 PM)

Correct AFIN inserted.

Permittee (Legal Name)

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The permittee means any person (an individual, association, partnership, corporation (i.e. LLC or lnc.), municipality, state, or federal agency) who has the primary management and ultimate decision-making responsibility over the operation of a facility or activity.

For individual homeowners, the permittee must be the name of the homeowner or homeowners, e.g. "Jane Doe" or "John and Jane Doe"

For corporations, the permittee legal name must be an EXACT MATCH with the Arkansas Secretary of State (including all punctuation). Below is a link to verify the match:

Arkansas Secretary of State

Permittee (Legal Name)

Turley International Resources LLC

Permitee Type

Corporation/LLC

State of Incorporation or Registration

Delaware

State of Origin Secretary of State Certification

Delaware Secretary of State Good Standing[2].pdf - 11/07/2024 09:21 AM

Comment

NONE PROVIDED

Permittee Mailing Information

Prefix

Mr.

First Name Middle Name Last Name Van NONE PROVIDED Stockstill

Title

Vice President

Phone Type Number Extension

Business 6017983158 Mobile 6012730709

Email

van@turleyinternational.com

Address

1205 Palestine Road

Picayune, MS 39466

Is the invoice address the same as the mailing address for permit documents?

Yes

Is there an active consultant for this facility?

No

Facility/Site Information

Facility/Site Name

Turley International Resources LLC - Lost Creek Mine

Location of the Facility/Site

Please provide the 911 address if available. If a 911 address is not available, please provide a description of the site location (e.g. 0.5 miles north of intersection of A Street and B Street).

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Facility/ Site Information

Facility/Site Contact

Prefix

Mr.

First NameMiddle NameLast NameVanNONE PROVIDEDStockstill

Title

Vice President

Phone Type Number Extension

Business 6017983158

Email

van@turleyinternational.com

Facility/Site Address

5663 Grant 8 (SE corner intersection Grant 8 and 386)

Sheridan, AR 72150

CORRECTION REQUEST (CORRECTED)

The site address must match the listing in Form 1.

It looks like the address listed here is the mailing address and not the site address, which is listed in the Form 1 as 5663 Grant 8 (SE corner intersection Grant 8 and 386) in A.11. Make sure the coordinates are the same between Form 1 this submission as well.

Created on 4/4/2025 2:20 PM by Ryan Grandgenett

1 COMMENT

james musgrove (james@ehsapex.com) (4/5/2025 3:00 PM)

Ryan, correction made as advised. Thanks, jay musgrove

Facility County (if the facility/site is in multiple counties, choose "other" and explain)

Grant

Coordinates of the Facility/Site Entrance. This should be the driveway or front gate for most facilities, or the location of the project trailer/other local staging point for hydrostatic testing

34.22714,-92.50192

Common SIC & NAICS Codes

Facility Type	SIC Code	NAICS Code
Individual Homeowner (sewage treatment)	4952	221320
Solid Waste Landfill	4953	562212
Construction Sand and Gravel	1442	212321
Crushed and Broken Limestone	1422	212321
Crushed and Broken Stone, Not Elsewhere Classified	1429	212319
Water Supply	4941	221310
Carwashes	7542	811192

For other SIC and NAICS codes, you can search the following website:

https://www.naics.com/search/

Primary SIC Code

1442

Primary NAICS Code

212321

Other applicable SIC codes and/or NAICS codes

NONE PROVIDED

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Permit Numbers and/or names of any permits issued by DEQ or EPA for an activity located in Arkansas that is presently held by the applicant or its parent or subsidiary corporation

Permit Name	Permit Number	Held By
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Licensed Wastewater Operator(s) (if applicable). ARG55 coverage requires a Class II Municipal or higher license. ARG64 coverage requires a Class I Municipal or Basic Industrial, or higher license. ARG16 and ARG79 coverage requires a Basic Industrial or higher license or higher. ARG67 coverage does not require a licensed operator. Other ARG coverage may or may not require a licensed operator depending on the type of treatment, see the permits for details.

Ор	erator Name	License Number	Municipal License Class	Industrial License Class
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Discharge/Outfall Information

Receiving Stream Information

Below is a link the DEQs AquaView Mapping Tool that may be useful for receiving stream information and ultimate receiving stream information. You can also check for special waterbody designations and impairments that could exclude discharges from coverage under a general permit.

Aquaview

The outfall latitude and longitude must be entered in decimal format (like 36.1234, -92.1234). Do you have a Degree/Minute/Second measurement (like 36.1234.56", 92.1234.56") that you need to convert?

Outfall Information

Outfall Number	Latitude	Longitude	Estimated Flow - Please include units, such as MGD or GPD	Effluent Description	Name of Receiving Stream (i.e. an unnamed tributary of Mill Creek, thence into Mill Creek, thence into the Arkansas River)	Type of Treatment System (Include all components of the treatment system. Can be "none" if no treatment is used)	Coordinates Check
001	34.226550	-92.499240	96.97 MGD	Emergency discharge	Unnamed tributary, thence Lost Creek, thence Saline River, thence Ouachita River	No treatment. Washing rocks with water.	NONE PROVIDED
NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
PROVIDED	PROVIDED	PROVIDED	PROVIDED	PROVIDED	PROVIDED	PROVIDED	PROVIDED
NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
PROVIDED	PROVIDED	PROVIDED	PROVIDED	PROVIDED	PROVIDED	PROVIDED	PROVIDED

Responsible and Cognizant Official Information

Cognizant Official (duly authorized representative)

40 CFR 122.22(b) states that all reports required by the permit, or other information requested by the Director, shall be signed by the applicant (or person authorized by the applicant) or by a duly authorized representative of that person. A person is a duly authorized representative only if:

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⁽¹⁾ the authorization is made in writing by the applicant (or person authorized by the applicant);

⁽²⁾ the authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity responsibility, or an individual or position having overall responsibility for environmental matters for the company.

Cognizant Official Designation

No Cognizant Official - the Responsible Official will sign all reports and other required documents

Responsible Official

In accordance with 40 CFR 122.22, all NOI shall be signed as follows:

- 1) For a corporation: by a responsible corporate officer. For purposes of this section, a responsible corporate officer means: a. A president, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or
- b. The manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to ensure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
- 2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively;
- 3) For a municipality, State, Federal or other public agency: by either a principal executive or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes:
- a. The chief executive officer of the agency; or
- b. A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

For individual homeowners seeking coverage under the ARG550000 general permit, the homeowner is the responsible official. For joint ownership, one of the co-owners must sign as the responsible official.

Responsible Official Information

Prefix

Mr.

First Name Middle Name Last Name Van NONE PROVIDED Stockstill

Title

Vice President

Phone Type Number Extension

Business 6017983158

Email

van@turleyinternational.com

Disclosure Statement or SEC Forms

Ark. Code Ann. 8-1-106 requires that applicants for any type of permit or transfer of any permit, license, certification or operational authority issued by the DEQ file a Disclosure Statement with their application unless exempt for doing so under Ark. Code Ann. §8-1-106(b)(2). The filing of a Disclosure Statement is mandatory. No application can be considered administratively complete without a completed Disclosure Statement unless that facility is exempt. Publicly traded companies may submit the most recent 10-K and 10-Q filings to the Securities and Exchange Commission (SEC) in lieu of the Disclosure Statement.

https://www.adeg.state.ar.us/ADEQ Disclosure Statement.pdf

Disclosure Statement

I will attach a disclosure statement

Disclosure Statement or SEC 10-K and 10-Q forms

<u>Signed - Arkansas Disclosure Agreement Form Water - Turley International Resources.pdf - 12/23/2024 02:24 PM</u> **Comment**

NONE PROVIDED

Construction Forms

DEQ Form 1 is available at the following links:

pdf version

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word version

Please attach DEQ Form 1 here

Figure 1-6 sealed.pdf - 11/07/2024 09:36 AM

Comment

This is an open cut mine that washes sand and gravel without chemicals or sanitary waters.

One set of construction plans and specifications, approved (signed and stamped) by a Professional Engineer (PE) registered in Arkansas, must be submitted as follows:

- a. The plans must show flow rates in addition to pertinent dimensions so that detention times, overflow rates, and loadings per acre, etc. can be calculated.
- b. Specifications and complete design calculations.
- c. All treated wastewater discharges should have a flow measuring device such as a weir or Parshall flume installed after the final treatment unit. Where there is a significant difference between the flow rates of the raw and treated wastewater, a flow measuring device should be provided both before and after treatment.
- d. The plans and specifications must be final documents. Plans and specifications marked "preliminary", "for review only", or "not for construction" are not acceptable.

Upload plans, specifications, and design calculations

Figure 1-6 sealed.pdf - 11/07/2024 09:36 AM

Comment

This is an open cut mine that washes sand and gravel without chemicals or sanitary waters.

If the construction activity will disturb 5 acres or more of land, you must obtain separate coverage under the general permit for stormwater discharges associated with construction activity (ARR150000). A separate application through ePortal is required for the construction stormwater coverage.

Revisions

Revision	Revision Date	Revision By
Revision 1	10/20/2024 4:07 PM	james musgrove
Revision 2	12/23/2024 2:20 PM	james musgrove
Revision 3	3/25/2025 5:55 PM	james musgrove
Revision 4	4/5/2025 2:56 PM	james musgrove

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Page 1

Delaware The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF

DELAWARE, DO HEREBY CERTIFY "TURLEY INTERNATIONAL RESOURCES LLC" IS

DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD

STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS

OFFICE SHOW, AS OF THE SECOND DAY OF OCTOBER, A.D. 2024.

AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL TAXES HAVE BEEN PAID TO DATE.

THYS SOLVE THE STATE OF THE STA

3002367 8300 SR# 20243852468 Authentication: 204542079

Date: 10-02-24

You may verify this certificate online at corp.delaware.gov/authver.shtml



INSTRUCTIONS FOR DISCLOSURE STATEMENT

Arkansas Code Annotated Section 8-1-106 requires that all applicants for the issuance, or transfer of any permit, license, certification, or operational authority issued by the Arkansas Department of Energy and Environment (E&E), Division of Environmental Quality (DEQ) file a disclosure statement with their applications. The filing of a disclosure statement is mandatory. No application can be considered complete without one.

Disclosure statement means a written statement by the applicant that contains:

- The full name and business address of the applicant and all affiliated persons;
- The full name and business address of any legal entity in which the applicant holds a debt or
 equity interest of at least five percent or that is a parent company or subsidiary of the applicant,
 and a description of the ongoing organizational relationships as they may impact operations
 within the state;
- A description of the experience and credentials of the applicant, including any past or present permits, licenses, certifications, or operational authorizations relating to environmental rule;
- A listing and explanation of any civil or criminal legal actions by government agencies involving
 environmental protection laws or rules against the applicant and affiliated persons in the ten
 years immediately preceding the filing of the application, including administrative enforcement
 actions resulting in the imposition of sanctions, permit or license revocations or denials issued
 by any state or federal authority, actions that have resulted in a finding or a settlement of a
 violation, and actions that are pending;
- A listing of any federal environmental agency and any other environmental agency outside this state that has or has had regulatory responsibility over the applicant; and
- Any other information the Chief Administrator of the Environment may require that relates to the competency, reliability, or responsibility of the applicant and affiliated persons.

EXEMPTIONS

The following persons or entities are not required to file a disclosure statement:

- Governmental entities, consisting only of subdivisions or agencies of the federal government, agencies of the state government, counties, municipalities, or duly authorized regional solid waste authorities as defined by § 8-6-702. (This exemption shall not extend to improvement districts or any other subdivision of government which is not specifically instituted by an act of the General Assembly.)
- Applicants for a general permit to be issued by DEQ pursuant to its authority to implement the National Pollutant Discharge Elimination System for storm water discharge.

If the applicant is a publicly held company required to file periodic reports under the Securities
and Exchange Act of 1934 or a wholly owned subsidiary of a publicly held company, the
applicant shall not be required to submit a disclosure statement, but shall submit the most
recent annual and quarterly reports required by the Securities and Exchange Commission which
provide information regarding legal proceedings in which the applicant has been involved. The
applicant shall submit such other information as the Chief Administrator may require that relates
to the competency, reliability, or responsibility of the applicant and affiliated persons.

The following permits, licenses, certifications, and operational authorizations are also exempt from submitting a disclosure statement:

- Laboratory Accreditations, as defined in A.C.A. § 8-2-201 et. seq.
- Hazardous Waste Treatment, Storage, and Disposal Permit Modifications (Class 1, 2, and 3), as defined in Pollution Control and Ecology Commission (PC&EC) Rule 23;
- Phase 1 Consultants, as defined in PC&EC Rule 32;
- Certifications for Operators of Commercial Hazardous Waste Facilities, as defined in PC&EC Rule 23 § 264.16(f);
- Regulated Storage Tank Contractor or Individual License Renewals as defined in PC&EC Rule 12;
- Certifications for Persons Operating and Maintaining Underground Storage Tank Systems which Contain Regulated Substances, as defined in PC&EC Rule 12.701, et. seq.;
- Individual Homeowners seeking coverage under General Permit ARG5500000; Wastewater Operator Licenses, as defined in PC&EC Rule 3;
- Water Permit Modifications for permits issued under the authority of the Arkansas Water and Air Pollution Control Act (Ark. Code Ann. § 8-4-101, et. seq.);
- Solid Waste Permit Modifications for permits issued under PC&EC Rule 22; Solid Waste Landfill Operator License Renewals, as defined in Rule 27;
- Air Permit Modifications for permits issued under PC&EC Rules 18, 19, and 26; and Asbestos Certification Renewals, as defined in Rule 21.

Deliberate falsification or omission of relevant information from disclosure statements shall be grounds for civil or criminal enforcement action or administrative denial of a permit, license, certification, or operational authorization.



DISCLOSURE STATEMENT

Instructions for the completion of this document:

- A. Individuals, firms, or other legal entities with no changes to a DEQ Disclosure Statement, complete items I through III and XVI.
- B. Individuals who never submitted a DEQ Disclosure Statement, complete items I through II, IV, V, and XIV through XVI.
- C. Firms or other legal entities who never submitted a DEQ Disclosure Statement, complete items I through III, and IV through XVI.

IF NOT SUBMITTING BY EPORTAL, MAIL ORIGINAL TO:

Arkansas Energy & Environment, Division of Environmental Quality,

Disclosure Statement 5301 Northshore Drive, North Little Rock, AR 72118-5317

I. APPLICANT INFORMATION

STREET ADDRESS:	STATE.	ZIP CODE:
CIII.	SIAIE.	ZIF CODE.
II. APPLICANT CATEGOR	Υ	
APPLICANT TYPE:	INDIVIDUAL	OTHER LEGAL ENTITY
REASON FOR SUBMISSION	ON:	
PERMIT	CERTIFICATION	OPERATIONAL AUTHORITY
LICENSE	MODIFICATION	■ NEW APPLICATION
RENEWAL APPLICATION (If no changes from pr		complete number III and XVI.)
PROGRAMS:		
AIR	MINING	HAZARDOUS WASTE
WATER	SOLID WASTE	REGULATED STORAGE TANK
USED TIRE PROGRAM		
III. DECLARATION OF NO	CHANGES	
environmental lawsuits,	•	involvement in current or pending t changed since the last Disclosure

None in Arkansas
 V. List and explain all civil or criminal legal actions by government agencies involving environments protection laws or regulations against the Applicant* in the last ten (10) years including: A. Administrative enforcement actions resulting in the imposition of sanctions B. Permit or license revocations or denials issued by any state or federal authority C. Actions that have resulted in a finding or a settlement of a violation D. Pending actions (Attach additional pages, if necessary.)
None

IV. Describe the experience and credentials of the Applicant, including the receipt of any past or present permits, licenses, certifications, or operational authorization relating to environmental

regulation. (Attach additional pages, if necessary.)

^{*}Firms or other legal entities shall also include this information for all persons and legal entities identified in sections VI through XIV of this Disclosure Statement.

OFFICER NAME: Mark Turley JOB TITLE: President and CEO STREET ADDRESS: 4322 S. 80th Street CITY: Mesa OFFICER NAME: JOB TITLE: STREET ADDRESS: CITY: STATE: ZIP CODE: OFFICER NAME: JOB TITLE: STREET ADDRESS: CITY: STATE: ZIP CODE: VII. List all directors of the Applicant. (Add additional pages, if necessary.) DIRECTOR NAME: Van Stockstill JOB TITLE: Exec. Vice President of Business Development STREET ADDRESS: 1205 Palestine Road CITY: Picayune STATE: MS ZIP CODE: 39466 DIRECTOR NAME: Chet Randall JOB TITLE: Cheff Administrative Officer STREET ADDRESS: 4322 S. 80th Street CITY: Mesa STATE: AZ ZIP CODE: 85212 DIRECTOR NAME: JOB TITLE: STREET ADDRESS: CITY: STATE: ZIP CODE: STATE: MS STATE: AZ ZIP CODE: STREET ADDRESS: CITY: STATE: ZIP CODE: STATE: JOB TITLE: STREET ADDRESS: CITY: STATE: ZIP CODE: STATE: ZIP CODE: STREET ADDRESS: CITY: STATE: ZIP CODE: STATE: ZIP CODE: STREET ADDRESS: CITY: STATE: ZIP CODE: STATE: ZIP CODE: STREET ADDRESS: CITY: STATE: ZIP CODE: STATE: ZIP CODE: STATE: ZIP CODE: STREET ADDRESS: CITY: STATE: ZIP CODE: STATE:	VI. List all officers of the Applicant. (Add	additional pages, if necessary.)
JOB TITLE: President and CEO STREET ADDRESS: 4322 S. 80th Street CITY: Mesa STATE: AZ ZIP CODE: 85212 OFFICER NAME: JOB TITLE: STREET ADDRESS: CITY: STATE: ZIP CODE: OFFICER NAME: JOB TITLE: STREET ADDRESS: CITY: STATE: ZIP CODE: VII. List all directors of the Applicant. (Add additional pages, if necessary.) DIRECTOR NAME: Van Stockstill JOB TITLE: EXEC. Vice President of Business Development STREET ADDRESS: 1205 Palestine Road CITY: Picayune STATE: MS ZIP CODE: 39466 DIRECTOR NAME: Chet Randall JOB TITLE: Cheif Administrative Officer STREET ADDRESS: CITY: Mesa STATE: AZ ZIP CODE: 85212 DIRECTOR NAME: JOB TITLE: STREET ADDRESS: CITY: STATE: ZIP CODE: VIII. List all partners of the Applicant. (Add additional pages, if necessary.) PARTNER NAME: JOB TITLE: STREET ADDRESS: CITY: STATE: ZIP CODE: VIII. List all partners of the Applicant. (Add additional pages, if necessary.) PARTNER NAME: JOB TITLE: STREET ADDRESS: STREE	OFFICER NAME: Mark Turley	
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PARTNER NAME: JOB TITLE: STREET ADDRESS: CITY:				
PARTNER NAME: JOB TITLE: STREET ADDRESS: CITY:				
IX. List all persons employed by the Applover operations of the facility subjif necessary.)				
JOB TITLE: Operations Manager - MS STREET ADDRESS: 1205 Palestine Road CITY: Picayune	STATE: N	⁄IS ▼ z	IP CODE: _	39466
EMPLOYEE NAME: JOB TITLE: STREET ADDRESS: CITY:				
EMPLOYEE NAME: JOB TITLE: STREET ADDRESS: CITY:				
X. List all persons or legal entities, who or Applicant's debt or equity. (Add addition				ve percent (5%) of the
INDIVIDUAL/ENTITY NAME: Fairfield Maxwell JOB TITLE: STREET ADDRESS: 60 E. 42nd Street; 55th Flo CITY: New York ORGANIZATIONAL RELATIONSHIP:		NY ▼ z	IP CODE:	10165

INDIVIDUAL/ENTITY NAME: Mark Turley
JOB TITLE: President and CEO
STREET ADDRESS: 4322 S. 80th Street CITY: Mesa STATE: AZ ▼ ZIP CODE: 85212
ORGANIZATIONAL RELATIONSHIP:
INDIVIDUAL/ENTITY NAME: Laurence Turley
JOB TITLE: Board Member
STREET ADDRESS: 4322 S. 80th Street
CITY: Mesa STATE: AZ ▼ ZIP CODE: 85212
ORGANIZATIONAL RELATIONSHIP:
XI. List all legal entities, in which the Applicant holds a debt or equity interest of more than five percent (5%). (Add additional pages, if necessary.)
有的。 第四次的 (1) 15 15 15 15 15 15 15 15 15 15 15 15 15
JOB TITLE: None
STREET ADDRESS:
CITY: STATE: ZIP CODE:
ORGANIZATIONAL RELATIONSHIP:

ENTITY NAME: JOB TITLE: STREET ADDRESS: CITY: STATE: STATE: ZIP CODE: ORGANIZATIONAL RELATIONSHIP:
ENTITY NAME: JOB TITLE: STREET ADDRESS: CITY: STATE: STATE: ZIP CODE: ORGANIZATIONAL RELATIONSHIP:
XII. List any parent company of the Applicant. Describe the parent company's ongoing organizational relationship with the Applicant. (Add additional pages, if necessary.)
COMPANY NAME: None STREET ADDRESS:

	with the Applicant. (Add additional pages, if necessary.)
COMPANY NAME: _ STREET ADDRESS: _ CITY: _ ORGANIZATIONAL R	STATE: ZIP CODE:
the environm relationship reasonably e	on who is not now in compliance or has a history of noncompliance with sental law or rules of this state or any other jurisdiction and who through by blood or marriage or through any other relationship could be expected to significantly influence the Applicant in a manner which could ect the environment. (Add additional pages, if necessary.)
the environm relationship reasonably exadversely aff INDIVIDUAL NAME: JOB TITLE: STREET ADDRESS:	ental law or rules of this state or any other jurisdiction and who through by blood or marriage or through any other relationship could be expected to significantly influence the Applicant in a manner which could

state that have or have had regulatory responsibility over the Applicant. (Attach additional pages, if necessary.)
Mississippi Department of Environmental Quality - MDEQ Mine Safety and Health Administration - MSHA Corp. of Engineers - Vicksburg Mississippi
XVI. VERIFICATION AND ACKNOWLEDGMENT
The Applicant agrees to provide any other information the DEQ Chief Administrator may require at any time to comply with the provisions of the Disclosure Law and any rules promulgated thereto. The Applicant further agrees to provide the DEQ with any changes, modifications, deletions, additions or amendments to any part of this Disclosure Statement as they occur by filing an amended Disclosure Statement.

Deliberate falsification or omission of relevant information from disclosure statements shall be grounds for civil or criminal enforcement action or administrative denial of a permit,

SKIP THIS SECTION IF SUBMITTING WITH CROMERR-APPROVED SIGNATURE ON EPORTAL

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 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 fines and

XV. List all federal environmental agencies and any other environmental agencies outside this

Disclosure Statement Form | Draft 5-8-2023

President and CEO

imprisonment for knowing violation.

Mark Turley

APPLICANT SIGNATURE:

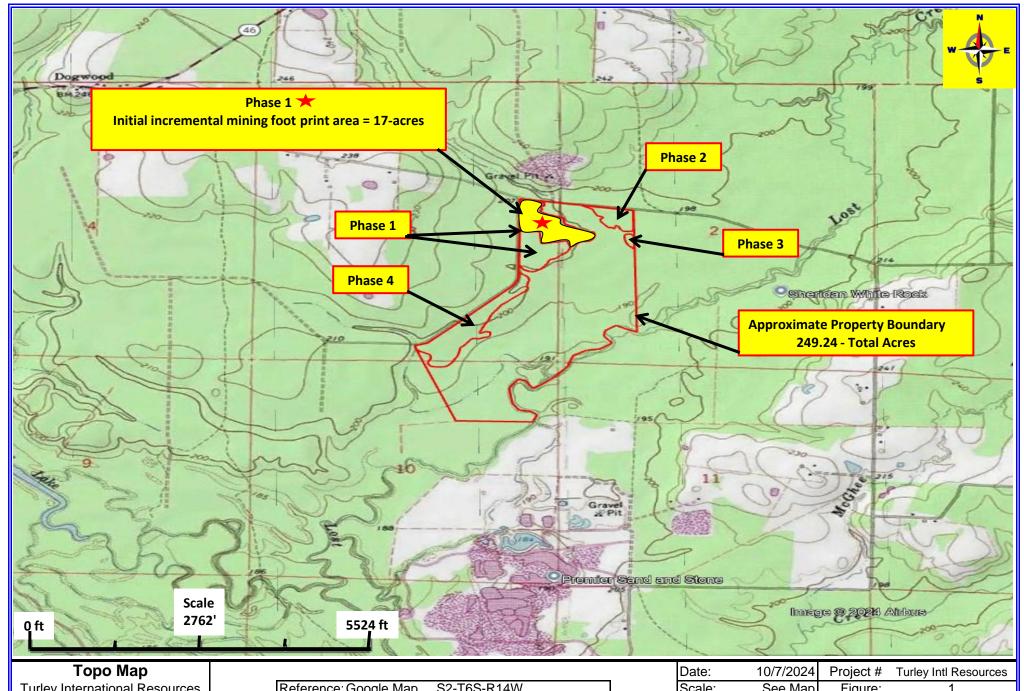
JOB TITLE:

license, certification or operational authorization.

September 6, 2024

, certify under penalty of law that this

DATE:

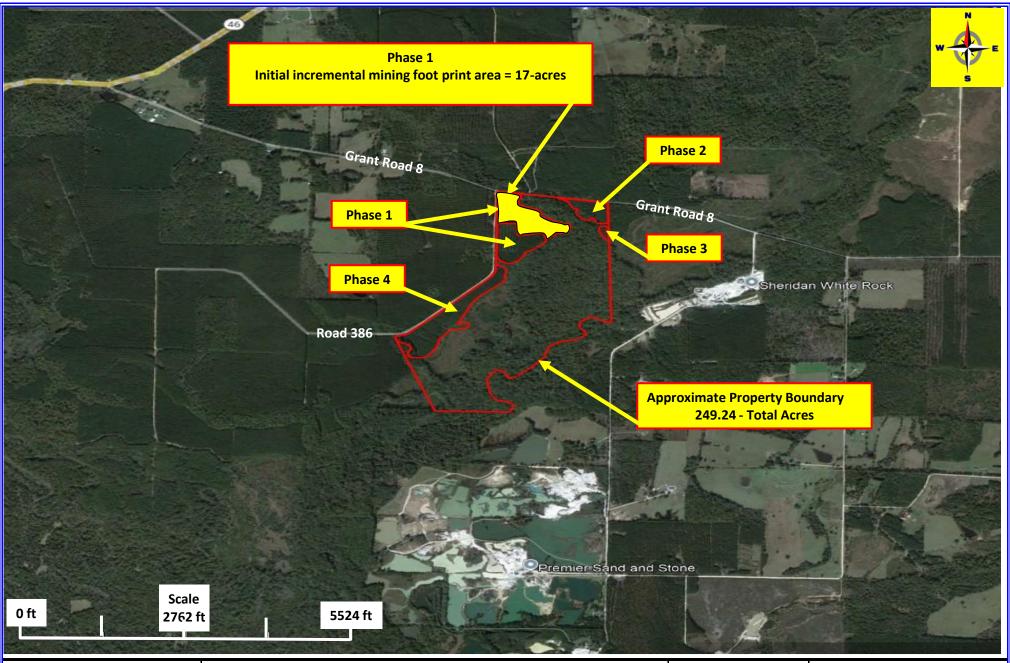


Turley International Resources 5663 Grant 8 Sheridan, Grant Co., AR 72150 (SE corner intersection Grant 8 & 386)

Reference: Google Map S2-T6S-R14W Sheridan, Grant County, Arkansas Lat 34.22866"N Long -92.50248"W

Date:	10/7/2024	Project #	Turley Intl Resources
Scale:	See Map	Figure:	1





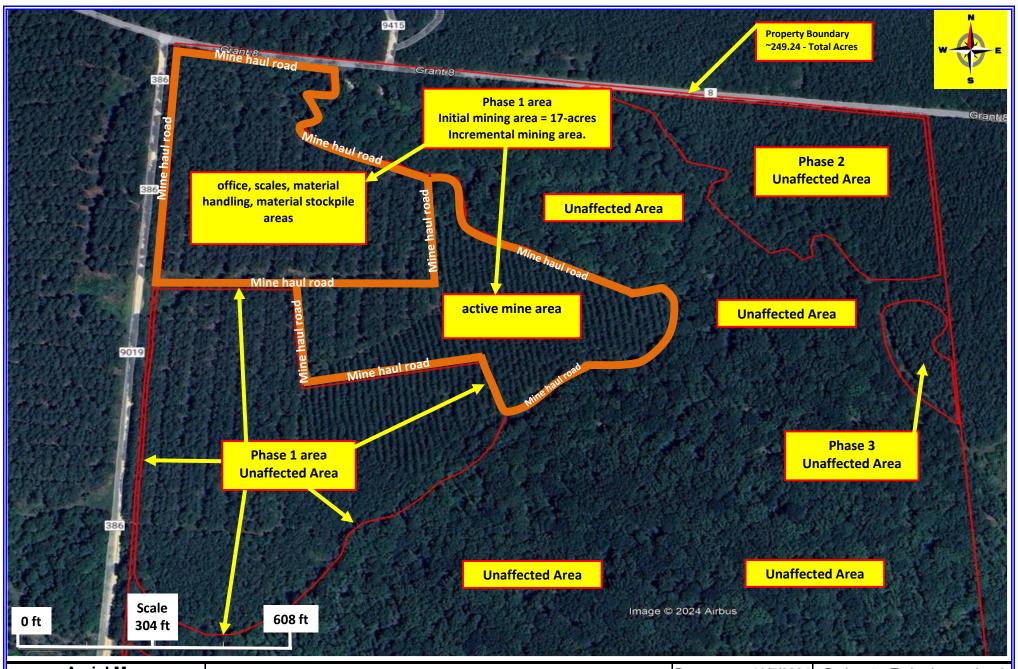
Aerial Map

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Direction of storm water flow

Date:	10/7/2024	Project #	Turley International
Scale:	See Map	Figure:	2





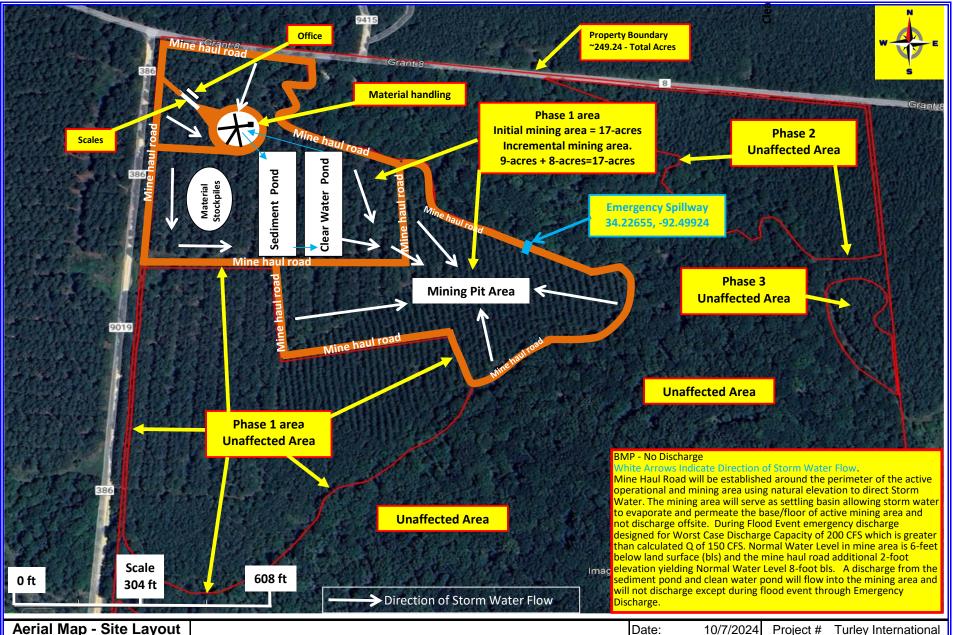
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Date:	10/7/2024	Project #	Turley International
Scale:	See Map	Figure:	3





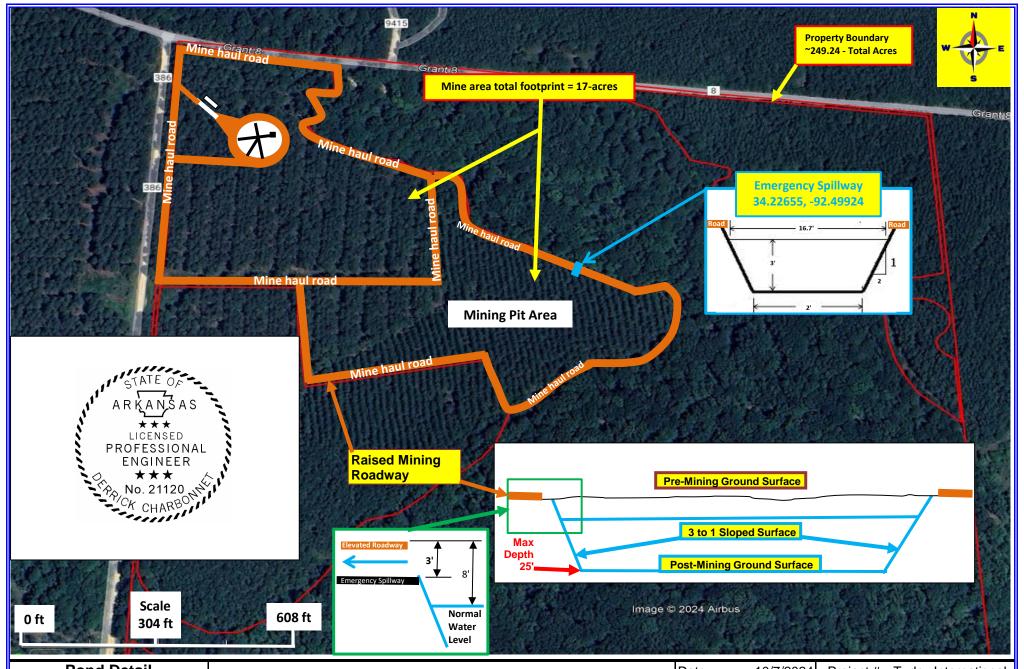
Turley International Resources 5663 Grant 8

Sheridan, Grant Co., AR 72150 (SE corner intersection Grant 8 & 386)

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Date:	10/7/2024	Project #	Turley International
Scale:	See Map	Figure:	4





Pond Detail

Turley International Resources 5663 Grant 8 Sheridan, Grant Co., AR 72150

(SE corner intersection Grant 8 & 386)

Reference: Google Map S2-T6S-R14W Sheridan, Grant County, Arkansas Lat 34.22866"N Long -92.50248"W

Note: See Figure 6 Attached Calculations

Dat	e: 10	0/7/2024 Pr	oject# Tu	urley International
Sca	ıle:	See Map I	igure:	5



Mine Pond Emergency Discharge Structure

Water in the pit will normalize to ground water approximate 7-10' below soil surface https://cida.usgs.gov/ngwmn/index.jsp

A 2' high raised Access Road will be built around active mine area

Dredge pit will only take stormwater flow from mining area (17 Acres)

This area will expand a previous mine that has not discharged

Calculations are based on 100yr/24-hour storm event intensity for this area (9 in/hr) https://hdsc.nws.noaa.gov

Calculations are based on 98% Runoff coefficient (0.98)

1.5 inch stone will be used for spillway

Mine pit water level will be at least 2' below bottom of Emergency Spill way (normally 7-10')

Rational Equation: Q=ciA

The Rational equation requires the following units:

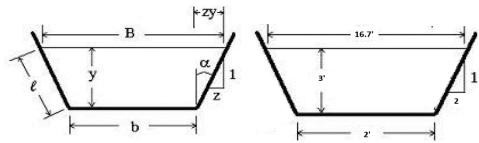
Q = Peak discharge, cfs

c = Rational method runoff coefficient i = Rainfall intensity, inch/hour

A = Drainage area, acre

150 ft3/s (cfs) =(0.98)(9, inch/hour)(17 Acres)

Trapezoidal open Channel Cross-Section



- b, bottom width of channel (ft)(2')
- y, depth of flow (ft)(3')
- B, the water surface width(ft)(14')
- *I,* the wetted length of the sloped side;
- a, the angle of the sloped side of the channel from the vertical; and
- z, the channel side slope expressed as horiz:vert = z: 1. (2':1')

Cross Sectional area flow, A is A=by+zy²(A=24ft²)

Wetted perimeter P, is $P=b+2y(1+z^2)^{\Lambda}$ /₂ (P=15.416)

Hydraulic Radius Rh=A/P(1.56)

Manning Equation Q=1.486/n AR^2/3S^1/2 n=(1.5^1/6)/44.4 (for 1.5"stone) Q=150 cfs Q=150 cfs

Worst case discharge <u>150 cfs</u>, Emergency spillway Capacity <u>200 cfs</u>

ARKANSAS LICENSED PROFESSIONAL ENGINEER CAPOCK CHARBO

Calculations

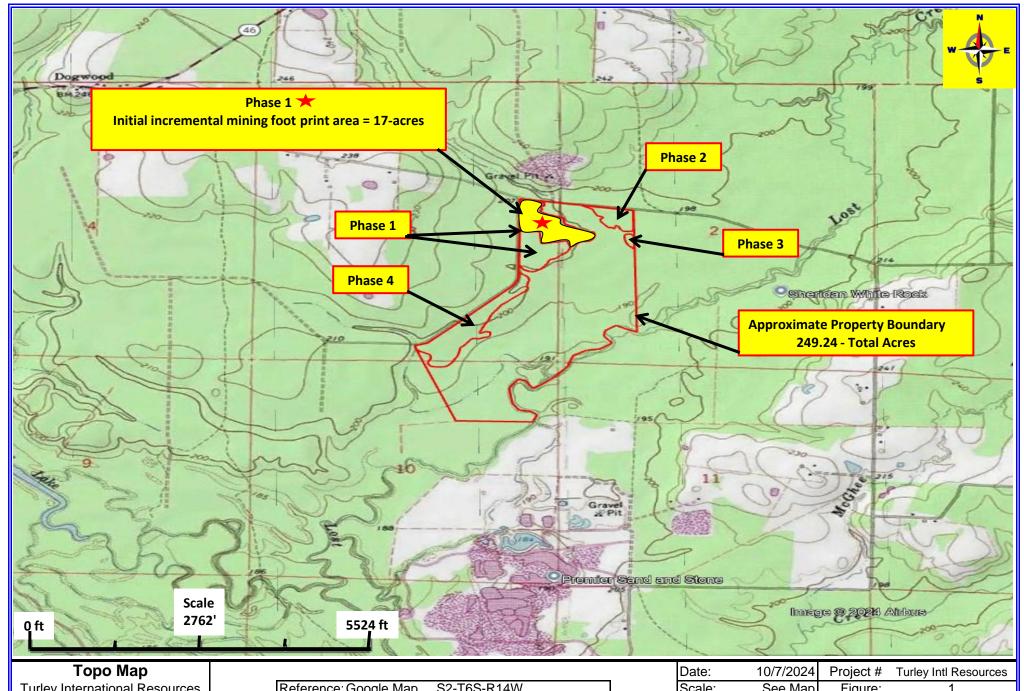
Turley International Resources 5663 Grant 8 Sheridan, Grant Co., AR 72150

(SE corner intersection Grant 8 & 386)

Reference: AR pond design requirements & Ch 50 Ten States
Sheridan, Grant County, Arkansas
Lat 34.22866"N Long -92.50248"W

Date:	10/7/2024	Project #	Turley Intl Resources
Scale:	See Map	Figure:	6



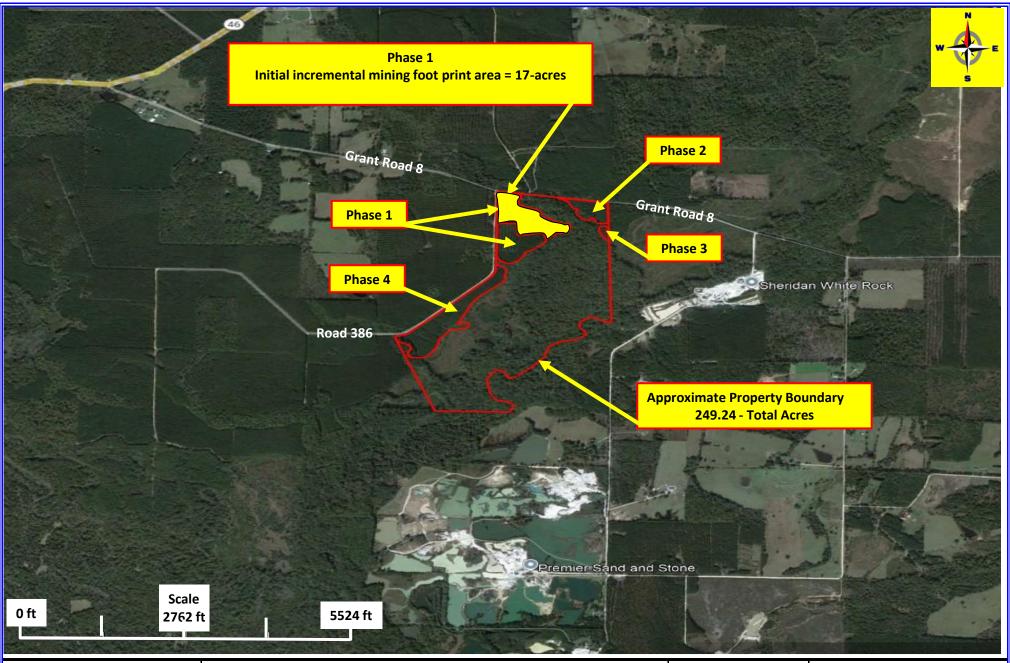


Turley International Resources 5663 Grant 8 Sheridan, Grant Co., AR 72150 (SE corner intersection Grant 8 & 386)

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Date:	10/7/2024	Project #	Turley Intl Resources
Scale:	See Map	Figure:	1





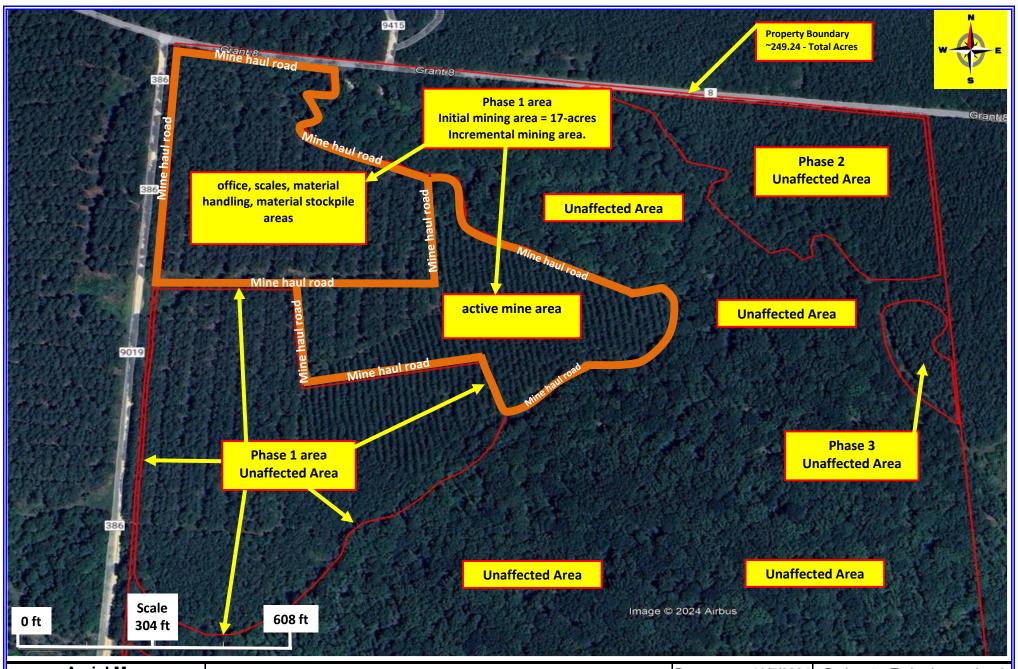
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Direction of storm water flow

Date:	10/7/2024	Project #	Turley International
Scale:	See Map	Figure:	2





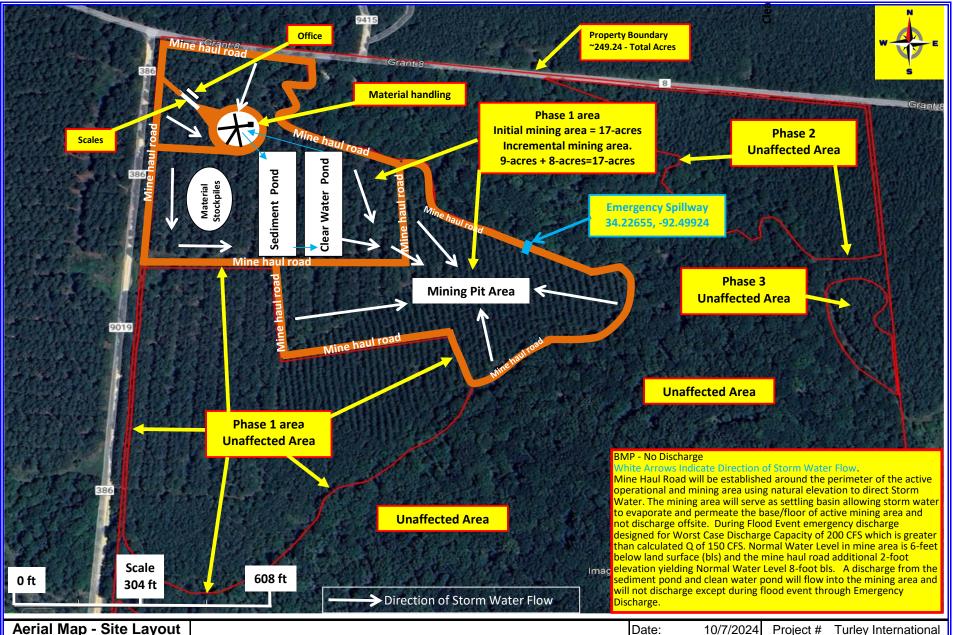
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Direction of storm water flow

Date:	10/7/2024	Project #	Turley International
Scale:	See Map	Figure:	3





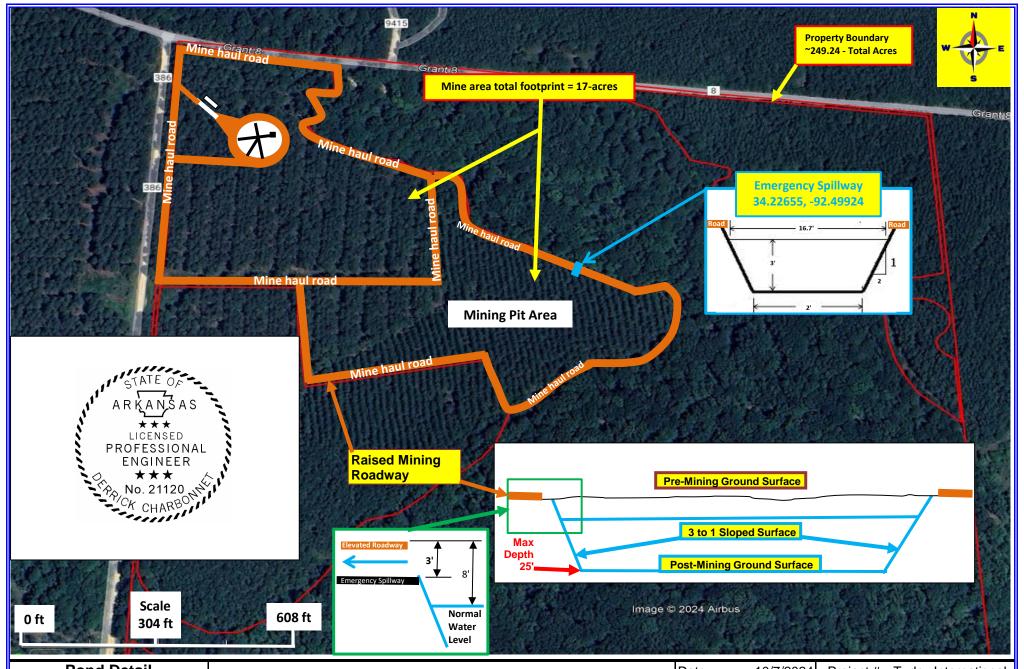
Turley International Resources 5663 Grant 8

Sheridan, Grant Co., AR 72150 (SE corner intersection Grant 8 & 386)

Reference: Google Map S2-T6S-R14W Sheridan, Grant County, Arkansas Lat 34.22866"N Long -92.50248"W

Date:	10/7/2024	Project #	Turley International
Scale:	See Map	Figure:	4





Pond Detail

Turley International Resources 5663 Grant 8 Sheridan, Grant Co., AR 72150

(SE corner intersection Grant 8 & 386)

Reference: Google Map S2-T6S-R14W Sheridan, Grant County, Arkansas Lat 34.22866"N Long -92.50248"W

Note: See Figure 6 Attached Calculations

Dat	e: 10	0/7/2024 Pr	oject# Tu	urley International
Sca	ıle:	See Map I	igure:	5



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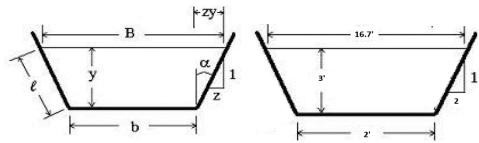
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ARKANSAS LICENSED PROFESSIONAL ENGINEER CAPOCK CHARBO

Calculations

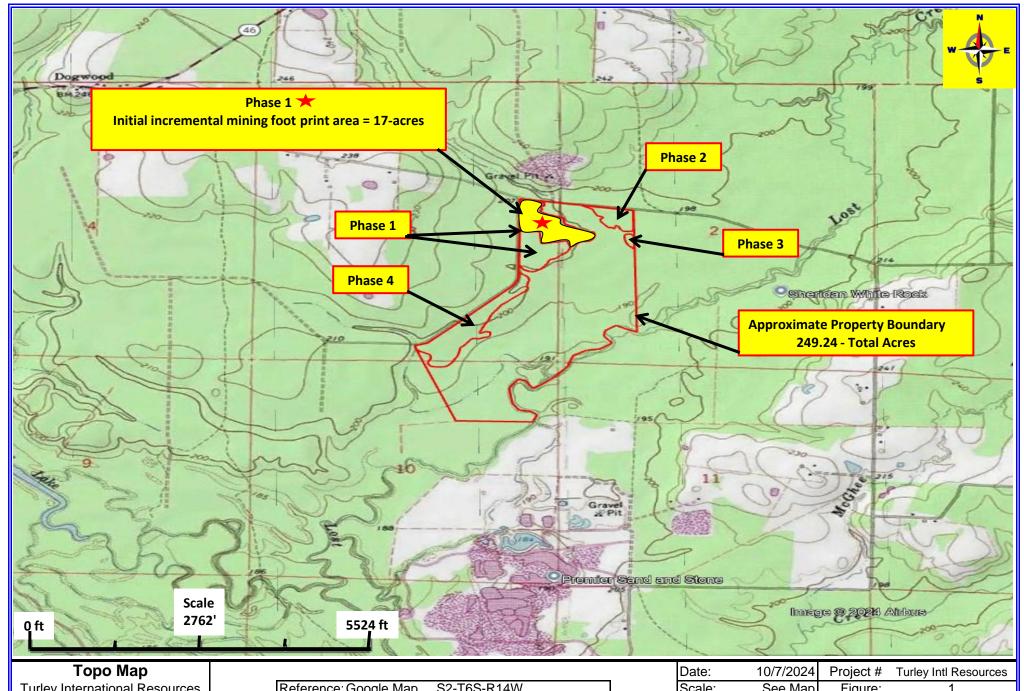
Turley International Resources 5663 Grant 8 Sheridan, Grant Co., AR 72150

(SE corner intersection Grant 8 & 386)

Reference: AR pond design requirements & Ch 50 Ten States
Sheridan, Grant County, Arkansas
Lat 34.22866"N Long -92.50248"W

Date:	10/7/2024	Project #	Turley Intl Resources
Scale:	See Map	Figure:	6



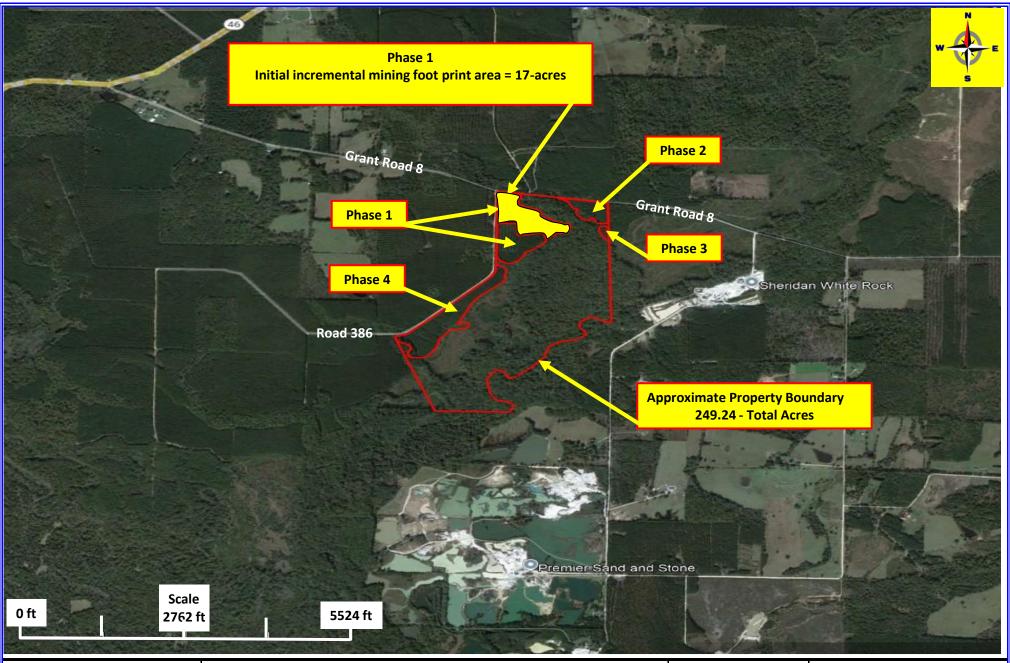


Turley International Resources 5663 Grant 8 Sheridan, Grant Co., AR 72150 (SE corner intersection Grant 8 & 386)

Reference: Google Map S2-T6S-R14W Sheridan, Grant County, Arkansas Lat 34.22866"N Long -92.50248"W

Date:	10/7/2024	Project #	Turley Intl Resources
Scale:	See Map	Figure:	1





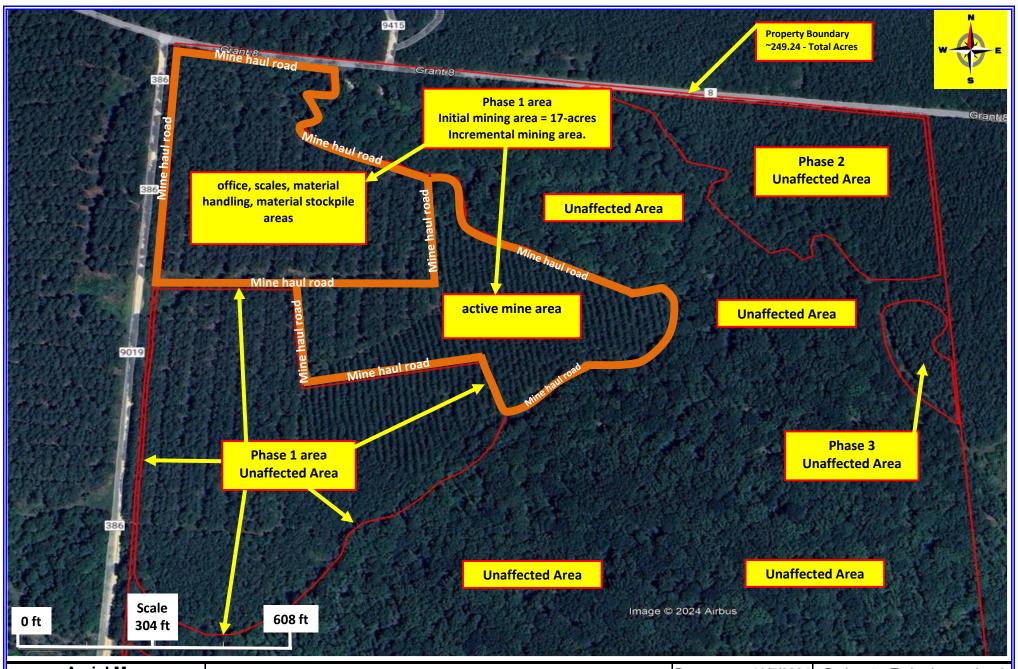
Aerial Map

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Direction of storm water flow

Date:	10/7/2024	Project #	Turley International
Scale:	See Map	Figure:	2





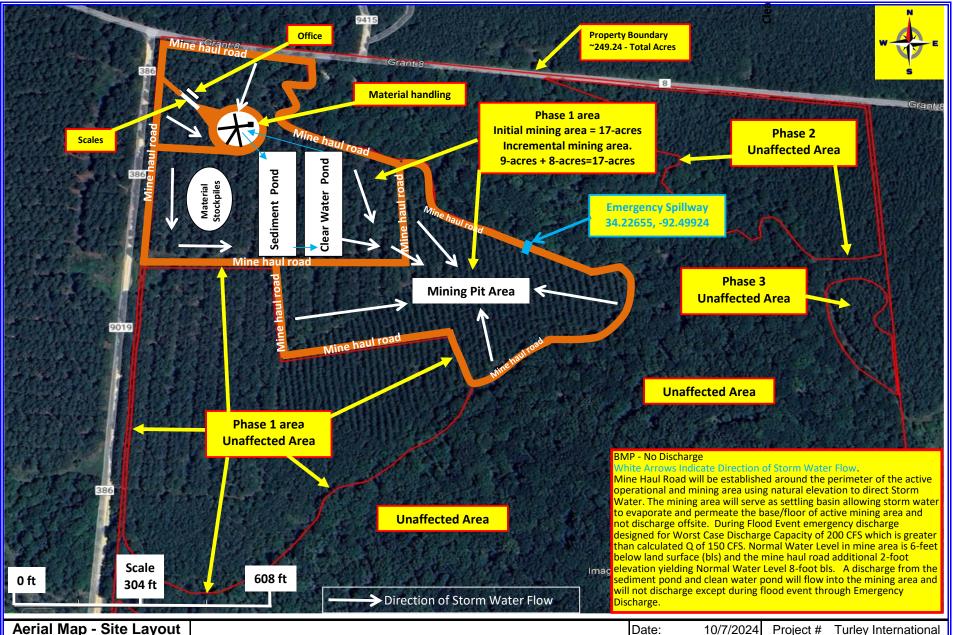
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Direction of storm water flow

Date:	10/7/2024	Project #	Turley International
Scale:	See Map	Figure:	3





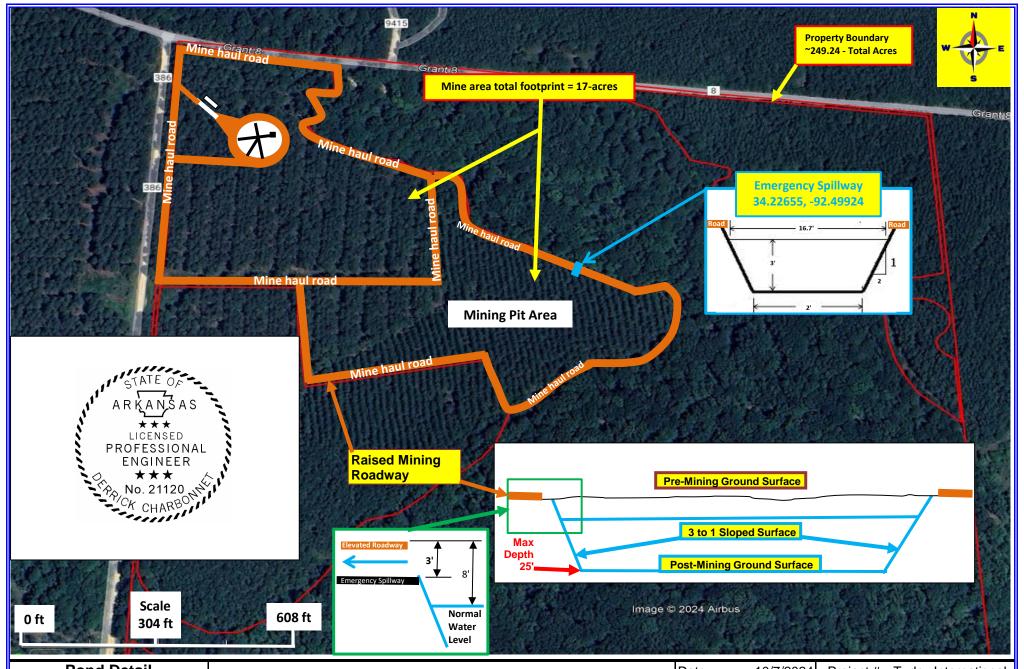
Turley International Resources 5663 Grant 8

Sheridan, Grant Co., AR 72150 (SE corner intersection Grant 8 & 386)

Reference: Google Map S2-T6S-R14W Sheridan, Grant County, Arkansas Lat 34.22866"N Long -92.50248"W

Date:	10/7/2024	Project #	Turley International
Scale:	See Map	Figure:	4





Pond Detail

Turley International Resources 5663 Grant 8 Sheridan, Grant Co., AR 72150

(SE corner intersection Grant 8 & 386)

Reference: Google Map S2-T6S-R14W Sheridan, Grant County, Arkansas Lat 34.22866"N Long -92.50248"W

Note: See Figure 6 Attached Calculations

Dat	e: 10	0/7/2024 Pr	oject# Tu	ırley International
Sca	ıle:	See Map I	igure:	5



Mine Pond Emergency Discharge Structure

Water in the pit will normalize to ground water approximate 7-10' below soil surface https://cida.usgs.gov/ngwmn/index.jsp

A 2' high raised Access Road will be built around active mine area

Dredge pit will only take stormwater flow from mining area (17 Acres)

This area will expand a previous mine that has not discharged

Calculations are based on 100yr/24-hour storm event intensity for this area (9 in/hr) https://hdsc.nws.noaa.gov

Calculations are based on 98% Runoff coefficient (0.98)

1.5 inch stone will be used for spillway

Mine pit water level will be at least 2' below bottom of Emergency Spill way (normally 7-10')

Rational Equation: Q=ciA

The Rational equation requires the following units:

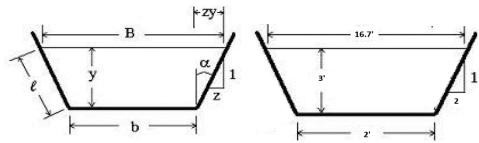
Q = Peak discharge, cfs

c = Rational method runoff coefficient i = Rainfall intensity, inch/hour

A = Drainage area, acre

150 ft3/s (cfs) =(0.98)(9, inch/hour)(17 Acres)

Trapezoidal open Channel Cross-Section



- b, bottom width of channel (ft)(2')
- y, depth of flow (ft)(3')
- B, the water surface width(ft)(14')
- *I,* the wetted length of the sloped side;
- a, the angle of the sloped side of the channel from the vertical; and
- z, the channel side slope expressed as horiz:vert = z: 1. (2':1')

Cross Sectional area flow, A is A=by+zy²(A=24ft²)

Wetted perimeter P, is $P=b+2y(1+z^2)^{\Lambda}$ /₂ (P=15.416)

Hydraulic Radius Rh=A/P(1.56)

Manning Equation Q=1.486/n AR^2/3S^1/2 n=(1.5^1/6)/44.4 (for 1.5"stone) Q=150 cfs Q=150 cfs

Worst case discharge <u>150 cfs</u>, Emergency spillway Capacity <u>200 cfs</u>

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Calculations

Turley International Resources 5663 Grant 8 Sheridan, Grant Co., AR 72150

(SE corner intersection Grant 8 & 386)

Reference: AR pond design requirements & Ch 50 Ten States
Sheridan, Grant County, Arkansas
Lat 34.22866"N Long -92.50248"W

Date:	10/7/2024	Project #	Turley Intl Resources
Scale:	See Map	Figure:	6

