1 CHAPTER 1: FACILITY INFORMATION

1.1 CONTACT INFORMATION

Facility Name: Alvin Road Mine

Facility Location: 00000 Alvin Road, Grimesland, Pitt County, NC 27837

Office Location: 4158 Norris Store Road, Ayden, NC 27513

Mailing Address: PO Box 128, Ayden, NC 27513

Phone: (252) 746-9278

Email: bobby@trippbrothers.com

1.2 USGS COORDINATES

Facility: 35.597415 deg N, -77.227212 deg W

Outfall SDO-1: 35.599510 deg N, -77.227170 deg W

Upstream Site: 35.599687 deg N, -77.227635 deg W

Dnstream Site: 35.599114 deg N, -77.225582 deg W

1.3 RESPONSIBLE PARTIES

PRIMARY
Name: Bobby Tripp
Title: Manager / Operator
Phone: (252) 378-5284

PRIMARY
Name:
Title: Manager / Operator
Phone:

PRIMARY
Name:
Title: Manager
Phone:

CONSULTANT
Name: Ken Elliott
Title: Consultant
Phone: (252) 339-9021

1.4 STORMWATER POLLUTION PREVENTION TEAM

The stormwater pollution prevention team is responsible for assisting the facility manager in developing and revising the facility's Stormwater Pollution Prevention Plan (SWPPP), implementing and maintaining control measures and Best Management Practices (BMP's), and taking corrective actions where required. Each member of the stormwater pollution prevention team will have ready access to either an electronic or paper copy of the applicable portions of the General Permit and the SWPPP.

The Pollution Prevention Team consists of the following members, with blanks for additional members:

Name of Leader:	Bobby Tripp	Title: Manager / Operator
Work Phone:	(252) 378-5284	
Responsibilities: Coordinate all stages of plan development and implementation; coordinate employee training; ensure that corrective actions are taken regarding observations made during quarterly site inspections. Keep all records and ensure that reports are submitted; acts as spill response coordinator.		

Name of Co-Leader:	Title: Manager / Operator
Work Phone:	
Responsibilities: Assist leader in coordinating all stages of plan development, implementation, employee training, and corrective actions.	

Name of Team Member:	Ken Elliott	Title: Consultant
Work Phone:	(252) 339-9021	
Responsibilities: Assist leader in coordinating all stages of plan development, implementation, and corrective actions. Assist leader with record keeping and generation of reports. Acquire quarterly water samples from stormwater outfalls, courier same to State certified lab for analyses, document results. Maintain SWPPP book and amendments.		

1.5 ACTIVITIES AT THE FACILITY

Alvin Road Mine is a mineral extraction operation to excavate a 14.69-acre sand mine to sell sand and topsoil to local contractors and developers.

1.6 SIC CODE

1442 – Construction Sand and Gravel

1.7 TRI FACILITY ID NUMBER

N/A

1.8 EPA NUMBER

N/A

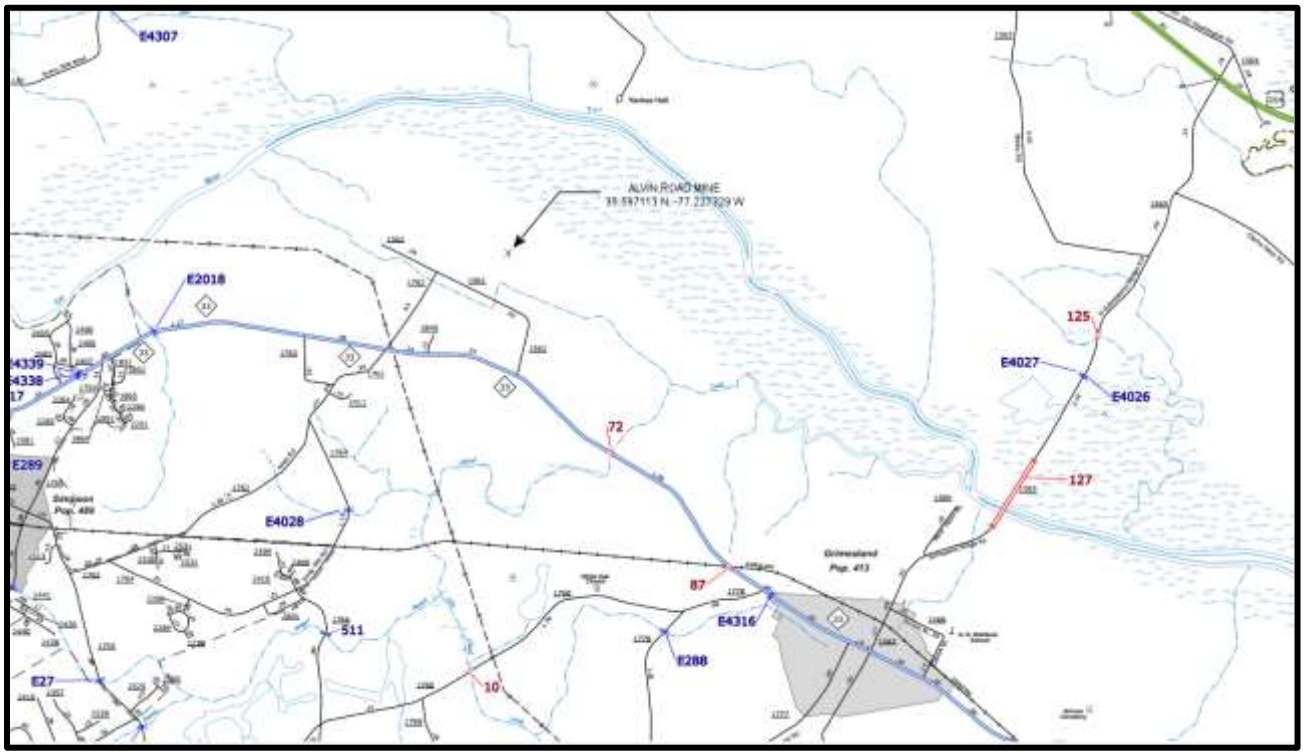
1.9 OPERATION SCHEDULE / NUMBER OF EMPLOYEES

This facility operates from sunrise to sunset, Monday – Saturday, no Sunday operations. There are approximately 9 employees on premises at any given time.

1.10 EXISTING ENVIRONMENTAL PERMITS

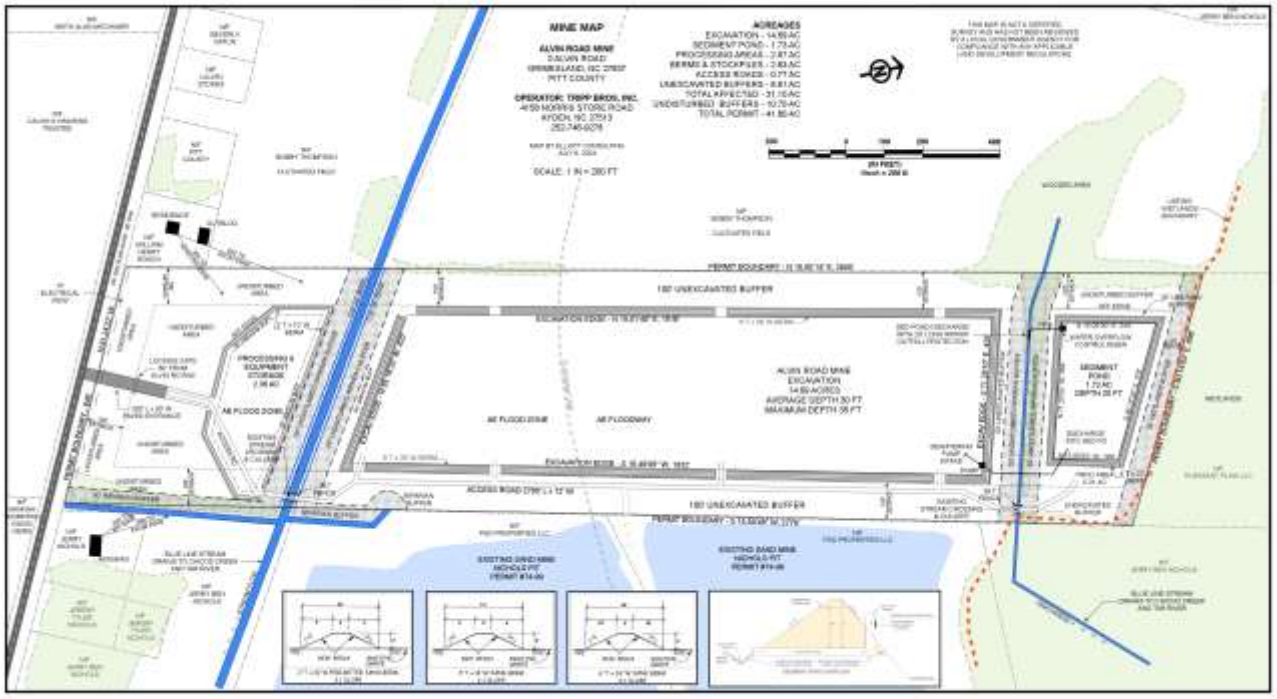
TYPE OF PERMIT	PERMIT NUMBER	EXPIRATION DATE
NCDEQ Mining Permit		n/a
General Stormwater NPDES Permit	NCG02	n/a
DWR Water Withdrawal Regist.		n/a

1.11 GENERAL LOCATION MAP



1.12 SITE DRAINAGE MAP

The site drainage map following is an illustration of the overall site, property lines, buildings, operation or process areas that are exposed to stormwater. Furthermore, the site map identifies drainage pathways, stormwater control structures, and receiving streams. Comments are included on the site map to identify and explain potential stormwater pollutants that are located on the site, where they mix with stormwater, and where stormwater leaves the site.



2 CHAPTER 2: POTENTIAL POLLUTANT SOURCES

2.1 INDUSTRIAL ACTIVITY AND ASSOCIATED POLLUTANTS

Table 1 identifies activities and materials exposed to stormwater, pollutants potentially present in stormwater runoff, potential sources of pollutants, and material management practices used to minimize the discharge of pollutants.

TABLE 1: IDENTIFICATION OF ACTIVITIES, MATERIALS, POTENTIAL POLLUTANT SOURCES			**Completed by:** Ken Elliott **Title:** Environmental Consultant **Date:** September 16, 2024
ACTIVITIES AND MATERIALS	QUANTITY EXPOSED	DESCRIPTION OF MATERIAL MANAGEMENT PRACTICE	POTENTIAL POLLUTION PARAMETERS / OUTFALLS
Sand Storage	1	Sand is stored awaiting removal	Settleable Solids (SS), Total Suspended Solids (TSS), Turbidity, pH Outfall SDO-1
Equipment Parking	Varies	Excavators and loaders are stored on sand.	None Anticipated Outfall SDO-1
Trailer Truck Parking	Varies	Trailers for trucks are stored on sand.	None Anticipated Outfall SDO-1
Sand Loading Area	Varies	Sand is loaded onto trucks on sand.	SS, TSS, Turbidity, pH Outfall SDO-1

2.2 SPILLS AND LEAKS

Table 2 is a list of the spills and leaks that have occurred since beginning of the Foster Forbes Mine project and could be polluting stormwater runoff from the facility.

2.3 ALLOWED NON-STORMWATER DISCHARGES

The only non-stormwater discharges which shall be allowed in the stormwater conveyance system are:

- All other discharges that are authorized by a non-stormwater NPDES permit.
- Uncontaminated groundwater, foundation drains, air conditioner condensate without added chemicals, springs, discharges of uncontaminated potable water, waterline and fire hydrant flushing, water from footing drains, irrigation waters, flows from riparian habitats and wetlands.
- Discharges resulting from fire-fighting or fire-fighting training, or emergency shower or eye wash because of use in the event of an emergency.

Table 3 certifies that no non-stormwater discharges were present at the facility in the three years prior to the initiation of the NPDES permit for Tripp Bro's, Inc. – Alvin Road Mine.

TABLE 2: LIST OF PAST SIGNIFICANT SPILLS AND LEAKS **PAGE 1 OF 1**											**Completed by**: Ken Elliott **Title**: Environmental Consultant **Date**: September 16, 2024
Instructions: Record below all significant spills and significant leaks of toxic or hazardous pollutants that have occurred at the facility in the three years prior to the effective date of the NPDES Stormwater Permit.											
Definitions: Significant spills include, but are not limited to, releases of oil or hazardous substances in excess of reportable quantities.											
				DESCRIPTION				RESPONSE PROCEDURE			
DATE (month/day/year)	SPILL	LEAK	LOCATION (as indicated on site map)	TYPE OF MATERIAL	QUANTITY	SOURCE, IF KNOWN	REASON	AMOUNT OF MATERIAL RECOVERED	MATERIAL NO LONGER EXPOSED TO STORMWATER (True/False)	PREVENTIVE MEASURES TAKEN	
1st Year Prior											
NONE											
2nd Year Prior											
NONE											
3rd Year Prior											
NONE											

TABLE 3: NON-STORMWATER DISCHARGE ASSESSMENT AND CERTIFICATION PAGE 1 OF 1				**Completed by**: Ken Elliott **Title**: Environmental Consultant **Date**: September 16, 2024	
DATE OF TEST OR EVALUATION	OUTFALL DIRECTLY OBSERVED DURING TEST (identify as indicated on the site map)	METHOD USED TO TEST OR EVALUATE DISCHARGE	DESCRIBE RESULTS FROM TEST FOR THE PRESENCE OF NON-STORMWATER DISCHARGE	IDENTIFY POTENTIAL SIGNIFICANT SOURCES	NAME OF PERSON WHO CONDUCTED THE TST OR EVALUATION
	Outfall SDO-1	Visual Inspection	No non-stormwater discharges detected	N/A	Ken Elliott (Elliott Consulting)

CERTIFICATION

I certify under penalty of law that his 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 fine and imprisonment for knowing violations.

A. NAME & OFFICIAL TITLE (type or print):	B. AREA CODE AND TELEPHONE NO.:
C. SIGNATURE	D. DATE SIGNED:

3 CHAPTER 3: STORMWATERMANAGEMENT STRATEGY

3.1 FEASABILITY STUDY

A review of the technical and economic feasibility of changing the methods of operations and/or storage practices to eliminate or reduce exposure of materials and processes to rainfall and run-on flows must be completed. Whenever practical the facility shall prevent exposure of all storage areas, material handling operations, and manufacturing or fueling operations. Tripp Bro's, Inc. – Alvin Road Mine prevents exposure of possible pollutants where feasible.

In areas where elimination of exposure is not practical, the stormwater management plan shall document the feasibility of diverting stormwater runoff away from areas of potential contamination. The drainage system on the property is set up to divert the stormwater away from the processing areas before being discharged to roadside ditches leading to Chicod Creek.

3.2 SECONDARY CONTAINMENT REQUIREMENTS AND RECORDS

Table 4 lists all areas where spills could occur, the type of secondary containment in possible spill areas, and recommendations for spill containment, if any.

If the secondary containment devices are connected to stormwater conveyance systems, the connection shall be controlled by manually activated valves or other similar locking devices. Any stormwater that accumulates in the containment shall be visually observed prior to being released for:

- Color
- Foam
- Outfall Staining
- Visible Sheens
- Dry Weather Flow

Accumulated stormwater may be released if found to be uncontaminated by any material. Records documenting the individual making the observation, the description of the accumulated stormwater, and the date and time of release will be located in the facility's Spill Prevention, Control, and Countermeasure (SPCC) Plan. The records containing this information must be kept for a period of five (5) years.

3.3 BEST MANAGEMENT PRACTICES (BMP) SUMMARY

The facility utilizes several structural controls to manage stormwater such as secondary containment and culverts that discharge to a rip rap spillway. In addition to these structural controls, the facility also maintains several administrative controls, including:

- Spill Prevention and Response
- Minimizing Exposure
- Preventative Maintenance
- Maintaining Good Housekeeping
- Erosion and Sediment Control
- Management of Runoff

- Employee Training
- Preventing Non-Stormwater Runoff
- Minimizing Waste, Garbage, and Floatable Debris
- Minimizing Dust Generation and Vehicle Tracking of industrial Materials

Tripp Bro's, Inc. – Alvin Road Mine set up their drainage pathways so that the majority of stormwater from the facility will follow culverts and drainage ditches around the processing areas before discharging to roadside ditches leading to Chicod Creek. The size of the facility allows for significant filtering of pollutants prior to the discharge of the stormwater off the property.

A summary of the BMP's on-site shall be reviewed and updated annually.

3.4 SPILL PREVENTION AND RESPONSE PROCEDURES

Tripp Bro's, Inc. – Alvin Road Mine has a Spill Prevention Control and Countermeasure plan that lists facility personnel responsible for implementation of the SPCC along with a signed list of individuals acknowledging their responsibilities for the plan. A responsible person shall be always on-site during facility operations that have the potential to contaminate stormwater runoff through spills or exposure of materials associated with the facility operations.

Tripp Bro's, Inc. – Alvin Road Mine understands that an uncontrolled leak or spill that is exposed to stormwater may have a negative impact on stormwater quality for Oil and Grease (O&G) levels. Therefore, the facility will take the necessary precautionary measures to prevent or contain any spills or leaks throughout the facility.

3.5 PREVENTATIVE MAINTENANCE AND GOOD HOUSEKEEPING

All oil-containing equipment should be inspected for leaks prior to use each day. If any leaks are discovered the equipment should be promptly repaired. Additionally, equipment operators will notice equipment leaks during the use of the equipment and should apply absorbent to the leaked material and have the leaks repaired. Tripp Bro's, Inc. – Alvin Road Mine should perform routine maintenance as described by the equipment manufacturer on all its oil-containing equipment to prevent leaks from occurring and follow all preventative maintenance procedures that have been developed by the facility concerning the maintenance and repair of equipment.

The facility will inspect all culverts and spillways to ensure that they are structurally sound. In addition, all rip-rap located in drainage pathways will be inspected periodically to ensure that it is properly in place and no heavily loaded with sediment. The facility will make repairs as necessary. The facility will keep an eye on any oil sheen present in the stormwater located in the drainage swales throughout the facility and will try to find and fix the source of the oil sheen.

Tripp Bro's, Inc. – Alvin Road Mine will inspect all oil storage areas as part of the monthly checks required in the facility's SPCC Plan. If any leaks are discovered, they will be cleaned up with an appropriate absorbent. Facility employees are trained to promptly clean up any leaking oils or other chemicals with appropriate absorbents and to dispose of them properly.

Tripp Bro's, Inc. – Alvin Road Mine will conduct facility inspections as described in Chapter 5.1, and any trash or debris discovered on the ground during facility personnel's normal day-to-day activities will be promptly cleaned up and properly disposed of. Any maintenance performed on structural control measures at the facility will be documented on the Control Measure Maintenance Logs located in Appendix 4.

3.6 EMPLOYEE TRAINING

Facility employees who work in areas where industrial materials or activities are exposed to stormwater, or who are responsible for implementing activities necessary to meet the conditions of the General Permit will be trained in the following items and BMP's:

Spill Prevention and Response:

- Identifying potential spill areas and drainage routes, including information on any past spills and causes.
- Reporting spills to appropriate individuals, without penalty (e.g. – employees should be provided "amnesty" when they report such instances).
- Specifying material handling procedures and storage requirements.
- Implementing spill response procedures.
- Identify spill response trained personnel to employees for first responder awareness.

Good housekeeping:

- To promptly clean up spilled materials to prevent polluted runoff.
- Identifying places where brooms, vacuums, sorbents, foams, neutralizing agents, and other good housekeeping and spill response equipment are located.
- Display signs reminding employees of the importance and procedures of good housekeeping.
- Discuss updated procedures and report on the progress of practicing good housekeeping at every meeting.
- Provide instruction on securing drums and containers and frequently checking for leaks and spills.

Material Management Practices:

- Neatly organize materials for storage (i.e. – chemical drum storage, equipment storage, etc.)
- Identify all toxic and hazardous substances stored and handled on-site.
- Discuss handling procedures for these materials.
- Discuss proper drum labelling (new and empty drums).
- Discuss how to read MSDS sheets.
- Make sure employees know where MSDS's are kept in their department.

Stormwater Pollution Prevention Plan Maintenance:

- Monitoring
- Inspections

- Planning
- Reporting
- Documentation

The above training will be conducted at hiring and annually for existing employees.

Records of training will be kept in Appendix 7.

3.7 SWPPP IMPLEMENTATION

The facility shall implement the Stormwater Pollution Prevention Plan and all appropriate BMP's to prevent contaminants from entering surface waters via stormwater. Implementation shall include documentation of all monitoring, measurements, inspections, maintenance activities, and training provided to employees, including the log of sampling data and of actions taken to implement BMP's associated with industrial activities. Such documentation shall be kept on-site for a period of five (5) years and made available to the Director of the Division of Water Quality or authorized representatives immediately.

TABLE 4: AREAS ON SITE WHERE POTENTIAL SPILLS/LEAKS COULD OCCUR **PAGE 1 OF 1**			**Completed by:** Ken Elliott **Title:** Environmental Consultant **Date:** September 16, 2024
Instructions: The first, second, and third columns, list all identified possible sources of spills, describe where the spill would flow to, and describe the containment system that is currently in place. The fourth column, list any recommendations for improving the containment system in the area.			
POSSIBLE SOURCE OF SPILL	WHERE SPILL WILL FLOW	TYPE OF SECONDARY CONTAINMENT	REQUIRED CONTAINMENT

4 CHAPTER 4: SCHEDULES AND PROCEDURES FOR MONITORING

4.1 MONITORING REQUIREMENTS

Tripp Bro's, Inc. – Alvin Road Mine has analytical monitoring requirements as described below. Analytical monitoring must be conducted semi-annually, for every year of permit coverage.

SAMPLE PARAMETERS	BENCHMARK MONITORING CONCENTRATION	UNITS	FREQUENCY	TYPE	LOCATION
Total Suspended Solids (TSS)			12/year	Grab	Outfall SDO-1
Settleable Solids (SS)	100	Mg/L	12/year	Grab	Outfall SDO-1
Turbidity			12/year	Grab	Outfall SDO-1
pH			12/year	Grab	Outfall SDO-1
Enterococci			12/year		Outfall SDO-1
Total Rainfall	N/A	inches	12/year	Rain Gauge	Rain Gauge

Tripp Bro's, Inc. – Alvin Road Mine does not use more than 55 gallons of new motor oil and hydraulic oil per month, combined, averaged over the calendar year, and therefore does not have to sample for Non-Polar Oil & Grease.

4.2 MONITORING SCHEDULE

Analytic monitoring must be conducted semi-annually for all pollutants at Outfall SDO-1 for every year of permit coverage according to the following monitoring schedule:

MONITORING PERIOD	SAMPLE NUMBER	START	END
Year 1 – Period 1	1	July 1, 2024	December 31, 2024
Year 1 – Period 2	2	January 1, 2025	June 30, 2025
Year 2 – Period 1	3	July 1, 2025	December 31, 2025
Year 2 – Period 2	4	January 1, 2026	June 30, 2026
Year 3 – Period 1	5	July 1, 2026	December 31, 2026
Year 3 – Period 2	6	January 1, 2027	June 30, 2027
Year 4 – Period 1	7	July 1, 2027	December 31, 2027
Year 4 – Period 2	8	January 1, 2028	June 30, 2028
Year 5 – Period 1	9	July 1, 2028	December 31, 2028
Year 5 – Period 2	10	January 1, 2029	June 30, 2029

A minimum of 60 days must separate Period 1 and Period 2 sample dates, unless monthly monitoring has been instituted. Inability to sample because of adverse weather conditions must be documented in the SWPPP and recorded on the DMR described in Section 5.4 of this SWPPP.

The facility should report the results from each sample taken within the monitoring period. Failure to monitor semi-annually may result in the Division requiring monthly monitoring and reporting for all parameters for a specified period. "No Discharge" from an outfall during a monitoring period does not constitute failure to monitor if it is properly reported. Descriptions for a Tier One, Tier Two, and Tier Three response can be seen below.

4.2.1 TIER ONE RESPONSE

If the first valid sampling results are above a benchmark value for any parameter at any outfall, the facility shall:

1. Conduct a stormwater management inspection of the facility within two weeks of receiving sampling results.
2. Identify and evaluate possible causes of the benchmark value exceedance.
3. Identify potential and select specific source controls, operational controls, or physical improvements that could bring concentrations within the benchmark range.
4. Implement the selected actions within two months of the inspection.
5. Record each instance of a Tier One response in the SPPP. Include the date and value of the benchmark exceedance, the inspection date, the personnel conducting the inspection, the selected actions, and the date the selected actions were implemented.
6. Note: Benchmark exceedances for a difference parameter separately trigger the several tiered response requirements.

4.2.2 TIER TWO RESPONSE

If the first valid sampling results from two consecutive monitoring periods are above the benchmark values for any specific parameter at any outfall, the facility shall:

1. Repeat all required actions outlined above in Tier one.
2. Immediately institute monthly monitoring for all parameters at every outfall where a sampling result exceeded the benchmark value for two consecutive samples. Monthly monitoring and reporting shall continue until all three consecutive sample results are below the benchmark values or within benchmark range.
3. If no discharge occurs during the sampling period, the facility is required to submit a monthly monitoring report indicated "No Flow" to comply with reporting requirements.
4. Alternatively, in lieu of steps 2 and 3, the permittee may, after two consecutive exceedances, exercise the option of contacting the DWQ Regional Office Supervisor as provided in Tier Three, including reduced or additional sampling parameters or frequency.
5. Maintain a record of the Tier Two response in the SPPP.
6. Continue Tier Two response obligations throughout the permit COC renewal process.

4.2.3 TIER THREE RESPONSE

If the valid sampling results required for the permit monitoring periods exceed the benchmark value for any specific parameter at any specific outfall on four occasions, the facility shall notify the DWQ Regional Office Supervisor in writing within 30 days of receipt of the fourth analytical results. The DWQ may, but is not limited to:

- Require that the facility revise, increase, or decrease monitoring frequency for some or all parameters.
- Rescind coverage under the General Permit and require that the facility apply for an individual stormwater discharge permit.
- Require the facility to install structural stormwater controls.
- Require the facility to implement other stormwater control measures.
- Require the facility to perform upstream and downstream monitoring to characterize impacts on receiving waters.
- Require the facility to implement site modifications to qualify for a No Exposure Exclusion, or
- Require the permittee to continue Tier Three obligations through the permit COC renewal process, and possibly into the next permit cycle.

4.3 MONITORING PROCEDURES

4.3.1 MEASUREABLE STORM EVENTS

A. All required monitoring must be performed on a storm event that results in an actual discharge form your site (measurable storm event) that follows the preceding measurable storm event by at least 72 hours (three 24-hour days). In the case of a snowmelt, the monitoring must be performed at a time when a measurable discharge occurs at your site.

B. For each monitoring event, except snowmelt monitoring, you must identify the date and duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event or, alternatively, the absence of measurable precipitation in the 72 hours (three 24-hour days) preceding the monitoring event. For snowmelt monitoring, you must identify the dates of the snowfall and of the sampling event.

C. A rainfall log should be kept to monitor measurable storm events and ensure that samples are taken during a qualifying measurable storm event. An on-site rain gauge reading must be recorded for each sampled event as well as the total precipitation.

4.3.2 SAMPLE TYPE

A minimum of one grab sample shall be taken during the first 30 minutes of a measurable storm event. **If the collection of the grab sample during the first thirty minutes is impracticable, the sample must be collected as soon as practicable after the first 30 minutes and documentation must be kept explaining why the grab sample could not be taken during the first thirty minutes.** All stormwater sampling and analysis must be conducted in accordance with the requirements set forth in 40 CFR 136.

4.3.3 ADVERSE WEATHER CONDITIONS

When adverse weather conditions prevent the collection of samples according to the relevant monitoring schedule, the facility must take a sample during the next qualifying storm event. The facility must document in the SPPP any failure to monitor, indicating the basis for not sampling during the usual monitoring period.

4.3.4 SUBSTANTIALLY IDENTICAL OUTFALLS

If a facility has multiple outfalls with substantially identical stormwater discharges that are required to be sampled, the facility may petition the Director of the Division of Water Quality for representative outfall status. If it is decided that the stormwater discharges are substantially identical and the facility is granted representative outfall status, then the sampling requirements may be performed at a reduced number of outfalls.

Tripp Bro's, Inc. – Alvin Road Mine does not have any substantially identical outfalls at this time.

5 CHAPTER 5: INSPECTIONS AND REPORTING

5.1 FACILITY INSPECTIONS

Tripp Bro's, Inc. – Alvin Road Mine will inspect the facility and all stormwater systems as part of the Preventative Maintenance and Good Housekeeping Program at a minimum on a semi-annual schedule, once during the first half of the year (January 1 – June 30), and once during the second half of the year July 1 – December 31), with at least 60 days separating the inspection dates.

Facility inspection forms can be found in Appendix 3 of this SWPPP. For any corrective actions that are deemed necessary because of the inspection, a Corrective Action form should be filled out and completed. The Corrective Action form can be found in Appendix 4 of this SPPP.

5.2 QUALITATIVE MONITORING REQUIREMENTS

Qualitative monitoring requires a visual inspection of each stormwater outfall regardless of representative outfall status. Qualitative monitoring shall be performed semi-annually according to the monitoring schedule listed in Section 4.2 of this plan, and during required analytical monitoring events. Inability to sample because of adverse weather conditions must be documented in the SWPPP and recorded on the DMR. Only outfalls discharging stormwater associated with industrial activity must be monitored. Tripp Bro's, Inc. – Alvin Road Mine must perform qualitative monitoring at Outfall SDO-1.

The samples must be visually inspected for the following water quality characteristics:

- Color
- Odor
- Clarity
- Floating solids
- Suspended solids
- Foam
- Oil sheen
- Erosion or deposition at outfall
- Other obvious indicators of stormwater pollution

A minimum of 60 days must separate the monitoring dates, unless additional sampling has been instituted as part of other analytical monitoring requirements. The results of the qualitative monitoring should be filed in Appendix 5 of this SWPPP.

If the facility's qualitative monitoring indicates that existing BMP's are ineffective, or that significant stormwater contamination is present, the facility shall investigate potential causes, evaluate the feasibility of corrective actions, and implement those corrective actions within 60 days. A written record of the investigation, evaluation, and response actions shall be kept in the SPPP. If the facility repeatedly fails to respond effectively to correct problems identified by qualitative monitoring, or if the discharge causes or contributes to a water quality standard violation, the DWQ may, but is not limited to:

- Require that the facility revise, increase, or decrease monitoring frequency for some or all parameters.
- Require the facility to install structural stormwater controls.
- Require the facility to implement other stormwater control measures.
- Require the facility to perform upstream and downstream monitoring to characterize impacts on receiving waters.
- Require the facility to implement site modifications to qualify for a No Exposure Exclusion.

5.3 RECORDING RESULTS

For each measurement or sample taken pursuant to the requirements of this General Permit, the facility shall record the following information:

- The date, exact place, and time of sampling measurements.
- The individual(s) who performed the sampling measurements.
- The date(s) analyses were performed.
- The individual(s) who performed the analyses.
- The analytical techniques or methods used.
- The results of such analyses.

5.4 SWPPP AMENDMENT AND ANNUAL UPDATES

Tripp Bro's, Inc. – Alvin Road Mine shall amend the SWPPP whenever there is a change in design, construction, operation, site drainage, maintenance, or configuration of the physical features which may have a significant effect on the potential for the discharge of materials to the stormwater.

In addition, the SWPPP shall be reviewed and updated on an annual basis. This annual update shall include:

- An updated list of significant spills or leaks for the previous three (3) years, or the notation that no spills have occurred.
- A written re-certification that the stormwater outfalls have been evaluated for the presence of non-stormwater discharges.
- A documented re-evaluation of the effectiveness of the on-site stormwater BMP's.
- A review and comparison of sample analytical data to benchmark data over the past year, including a discussion about Tiered Response status. The Division's Annual Summary Data Monitoring Report (DMR) form shall be used.

Annual Update Forms can be found in Appendix 6 of this SPPP. And the Annual Summary DMR form can be found in Appendix 2 of this SWPPP.

5.5 DISCHARGE MONITORING REPORTS

Samples analyzed shall be submitted to the Division of Discharge Monitoring Report (DMR) forms provided by the Director of the Division of Water Quality (DWQ). DMR forms can be found in Appendix 2 of this SWPPP and are also available on the Division's website

http://portal.ncdenr.org/web/wq/ws/su/npdessw. Submissions shall be delivered to the DWQ no later than 30 days from the date the facility receives the sampling results from the laboratory.

Two signed copies of the DMR's should be submitted to:

Central Files
Division of Water Quality
1617 Mail Service Center
Raleigh, NC 27699-1617

The facility shall also record the required qualitative monitoring observations on the SDO Qualitative Monitoring report form provided by the Division and shall retain the completed forms on site. These forms do not need to be submitted to the Division unless required by the DWQ.

Qualitative Monitoring reports are available in Appendix 5 and online at the website listed above.

5.6 ADDITIONAL REPORTING

In addition to the reporting requirements described in this chapter Tripp Bro's, Inc. – Alvin Road Mine must also follow reporting provisions below:

- Planned Changes: The facility shall give notice to the Director of the Division of Water Quality as soon as possible of any planned changes which could significantly alter the nature or quality of pollutants discharged. This notification requirement includes pollutants which are not specifically listed in the general permit or subject to notification requirements.
- Anticipated Noncompliance: The facility shall give notice to the Director of any planned changes at the permitted facility which may result in noncompliance with the General Permit.
- Spills: The facility shall report to the local DWQ Regional Office, within 24 hours, all significant spills. Additionally, the facility shall report spills including: any oil spill of 25 gallons or more, any spill regardless of the amount that causes a sheen on surface waters, any oils spill regardless of amount occurring within 100 feet of surface waters, and any oil spill less than 25 gallons that cannot be cleaned up within 24 hours.
- Bypass: If the facility knows in advance of the need for a bypass, it shall submit prior notice, if possible at least 10 days before the date of the bypass, including an evaluation of the anticipated and quality of the bypass.
- 24-Hour Reporting: The facility shall report to the central office or the appropriate regional office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the facility becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the facility becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time compliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

6 CHAPTER 6: GENERAL REQUIREMENTS

This chapter provides guidance on some of the administrative requirements related to organizing the Stormwater Pollution Prevention Plan. These requirements include:

- A compliance schedule.
- Who must sign the plan.
- Where to keep the plan.

6.1 COMPLIANCE SCHEDULE

The facility shall comply with Limitations and Controls specified for stormwater discharges in accordance with the following schedule:

6.1.1 EXISTING FACILITIES ALREADY OPERATING BUT APPLYING FOR PERMIT COVERAGE FOR THE FIRST TIME

The Stormwater Pollution Prevention Plan shall be developed and implemented within 12 months of the effective date of the Certificate of Coverage and updated thereafter on an annual basis. Secondary containment shall be accomplished within 12 months of the effective date of the Certificate of Coverage.

6.1.2 NEW FACILITIES APPLYING FOR COVERAGE FOR THE FIRST TIME

The Stormwater Pollution Prevention Plan shall be developed and implemented prior to the beginning of discharges from the operation of industrial activity and be updated thereafter on an annual basis. Secondary containment shall be accomplished prior to the beginning of discharges from the operation of industrial activity.

6.1.3 EXISTING FACILITIES PREVIOUSLY PERMITTED AND APPLYING FOR RENEWAL UNDER THIS GENERAL PERMIT

All requirements, conditions, limitations, and controls contained in the new permit shall be effective immediately upon issuance of the Certificate of Coverage. New elements of the Stormwater Pollution Prevention Plan for permit renewal shall be developed and implemented within 6 months of the effective date of the general permit and updated thereafter on an annual basis. Secondary containment shall be accomplished prior to the beginning of discharges from the operation of industrial activity.

6.2 SIGNATORY REQUIREMENTS

All records and information such as Notices of Intent, Notices of Termination, Stormwater Pollution Prevention Plans, reports, and certifications which are required to be kept by this permit, to be submitted to the DWQ, or to be submitted to the operator of a permitted municipal separate storm sewer system, shall be signed as follows:

6.2.1 ALL NOTICES OF INTENT SHALL BE SIGNED AS FOLLOWS:

A. For a corporation: by a responsible corporate officer. For the purpose of this permit a responsible corporate officer means: (1) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-making functions for the corporation; or (2) 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 A regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure 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 f or permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

B. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
C. For a municipality, State Federal, or other public agency: by either a principal executive officer or ranking elected member.

6.2.2 ALL REPORTS REQUIRED BY THE PERMIT AND OTHER INFORMATION REQUESTED BY THE PERMIT ISSUING AUTHORITY SHALL BE SIGNED BY A PERSON DSCRIBED ABOVE OR BY A DULY AUTHORIZED REPRESENTATIVE OF THAT PERSON. A PERSON IS A DULY AUTHORIZED REPRESENTATIVE ONLY IF:

A. The authorization is made in writing by a person described above.
B. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of manager, operator, superintendent, or position of equivalent responsibility or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position).
C. The written authorization is submitted to the Permit Issuing Authority.
D. Changes to authorization. If an authorization under chapter 6.2.2 is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of this Part must be submitted to the Director of the DWQ prior to or together with any reports, information, or applications to be signed by an authorized representative.
E. Certification. Any person signing documents under this section shall make the following 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 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."

6.3 PLAN LOCATION AND PUBLIC ACCESS

Records of analytical and qualitative monitoring data results shall be maintained at the facility along with the Stormwater Pollution Prevention Plan. The facility shall also maintain records of all monitoring information, including:

- All calibration and maintenance records.
- All original strip chart recordings for continuous monitoring instrumentation.
- Copies of all reports required y the General Permit
- Copies of all data used to complete the Notice of Intent to be covered by the General Permit.

These records shall be maintained for a period of at least 5 years from the date of the sample, measurement, report, or Notice of Intent application.

The Stormwater Pollution Prevention Plan is stored in the following location:

LOCATION	NAME	TITLE	PHONE NO.
Site Office	Bobby Tripp	Owner, Manager	252-378-5284
Site Office	Ken Elliott	Consultant	252-339-9021
Website	tripp-sp3.com/alvin-road		

7 CHAPTER 7: SPPP 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 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.

Name: Bobby Tripp
Title: Manager / Operator

Signature:
Date:

Name:
Title: Manager / Operator

Signature:
Date:

Name: Ken Elliott
Title: Consultant, Elliott Consulting

Signature:
Date: September 16, 2024

8 CHAPTER 8: SWPPP MODIFICATIONS

PLAN ACTIVITY LOG

ACTIVITY DATE	ACTIVITY CONDUCTED BY:	DESCRIPTION OF ACTIVITY
April 13 2022	Ken Elliott	Program installed by Elliott Consulting
April 13, 2022	Ken Elliott Tripp Bro's, Inc.	Program reviewed by Tripp Bro's, Inc. – Alvin Road Mine