MIAMI COUNTY PLANNING DEPARTMENT
CONDITIONAL USE PERMIT

Name of ALL Applicant(s), Owner(s), and/or Agent(s). If necessary use a separate sheet of paper.

Name: 1880 Enterprises LLC
Mailing Address: 1215 W. 12th St., Ste. 250
City, State, Zip Code: KCMO 64101-1407
Phone: (913) 594-3603 (Quarry #)
Email: GDandar@clarksonconstruction.com

Name: Clarkson Construction Company
Mailing Address: 4133 Gardner Ave.
City, State, Zip Code: Kansas City, MO 64120
Phone: (913) 777-1473 (Gabe Dandar)
Email: GDandar@clarksonconstruction.com

Surveyor/Engineer: Gabe Dandar (Owner's Representative)
Phone: (913) 594-3603 (Quarry #) Email: GDandar@clarksonconstruction.com

Name of Conditional Use Permit (CUP): 1880 Block Quarry
Vicinity: 37301 Hedge Lane Road, Paola, Kansas 66071
S: 26/27 T: 18 R: 23 Township: Osage Zoning: AG
Water: Public Water District: Public Water-3 Verification of water attached: X
~~Road & Bridge minimum infrastructure verification attached:~~ ☐ Shared Access ☐
Deed(s) Attached X Site Plan: 2 Copies to Scale X 1 Copy Reduced Size X ~~Affidavit of existing structure(s):~~ ☐
Narrative: X Certified list of property owners within 1,000 feet X ~~Building Plans (if applicable)~~ ☐

Prior to Submittal of Conditional Use Permit Application

- An incomplete application cannot be accepted.
- **ALL** fees must be paid prior to the CUP being presented to the Board of County Commission meeting.
- Unforeseen circumstances do arise and could delay the CUP process.

OWNER STATEMENT: I/We, the owner(s)/duly authorized agent, do hereby make application for a Conditional Use Permit described with this application.

Owner's Signature (all owners must sign) X _____ Date: _____

~~Owner's Signature~~: Gabe Dandar, Authorized Owner Representative _____ ~~Date:~~ 2-13-25

OFFICE USE ONLY

Application #: 25001
Receipt # / Amt: 510569
Date Application Received: 2/14/25

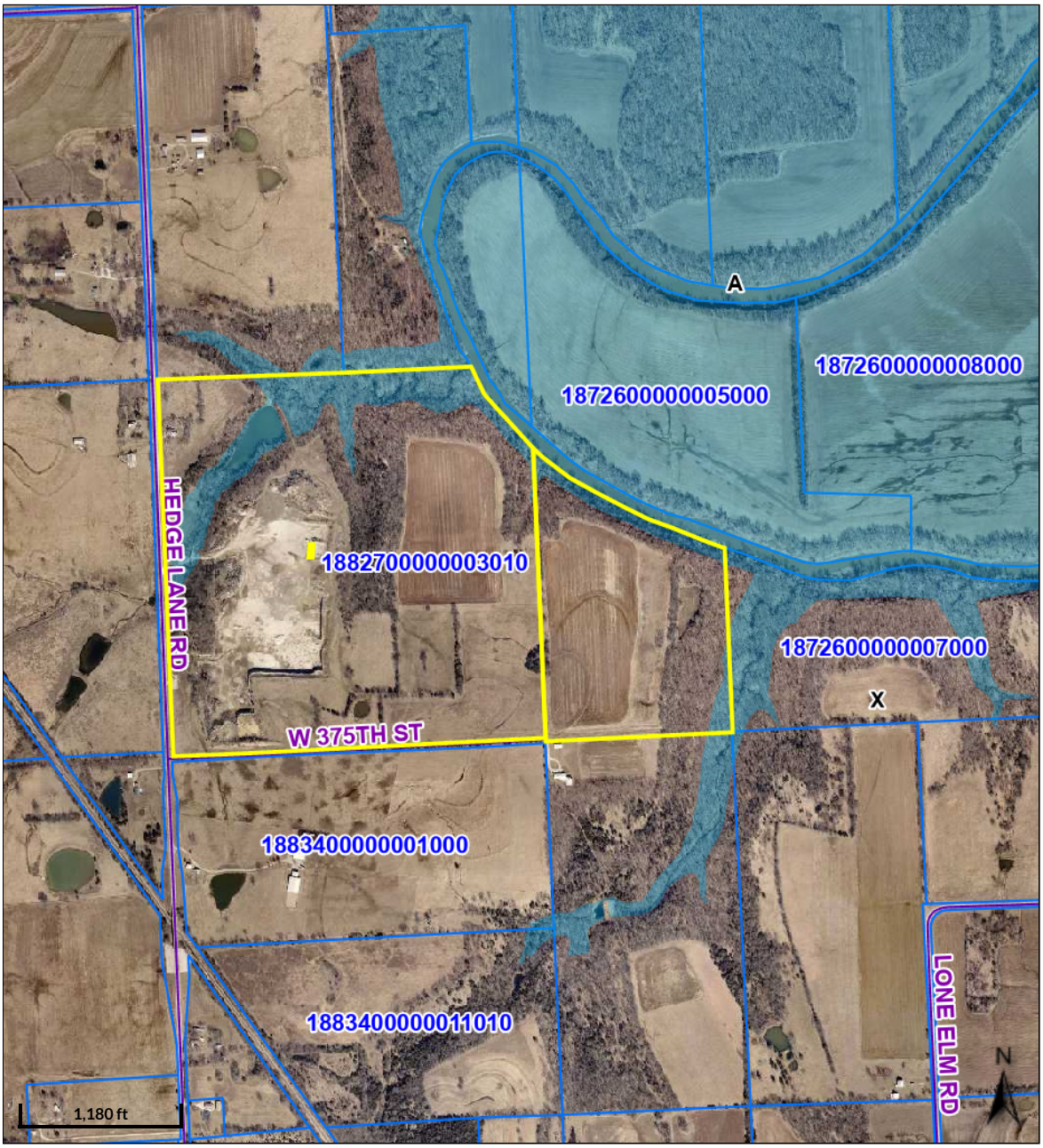
Application Fee: $600
Notification / Publication Fee: $40.00 / $300.00
Postage for Surrounding property owners. ***
Stormwater Plan/Report ***

*** Notification to surrounding property owners is the number of mailings multiplied by the current postage rate (calculated at the time of the application).
Stormwater Review: The applicant is responsible for all costs associated with a 3rd party review of a Stormwater Plan/ Report. The applicant will be notified of all related costs to the stormwater review by the Planning Department and will need to submit payment upon notification. ***

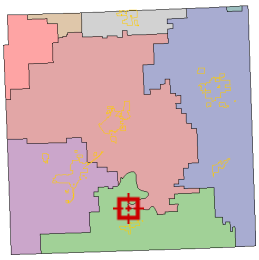
RECEIVED
FEB 14 2025

Updated Oct. 2024

Miami County KANSAS



Overview



Legend

- City Limits
- Centerlines
- Parcels
- Lakes

Flood Zones

- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

This property ownership map is for tax purposes only. It is not intended for conveyances, nor is it a legal survey.

Date created: 2/24/2025
Last Data Uploaded: 2/21/2025 9:35:13 PM

Developed by SCHNEIDER GEOSPATIAL

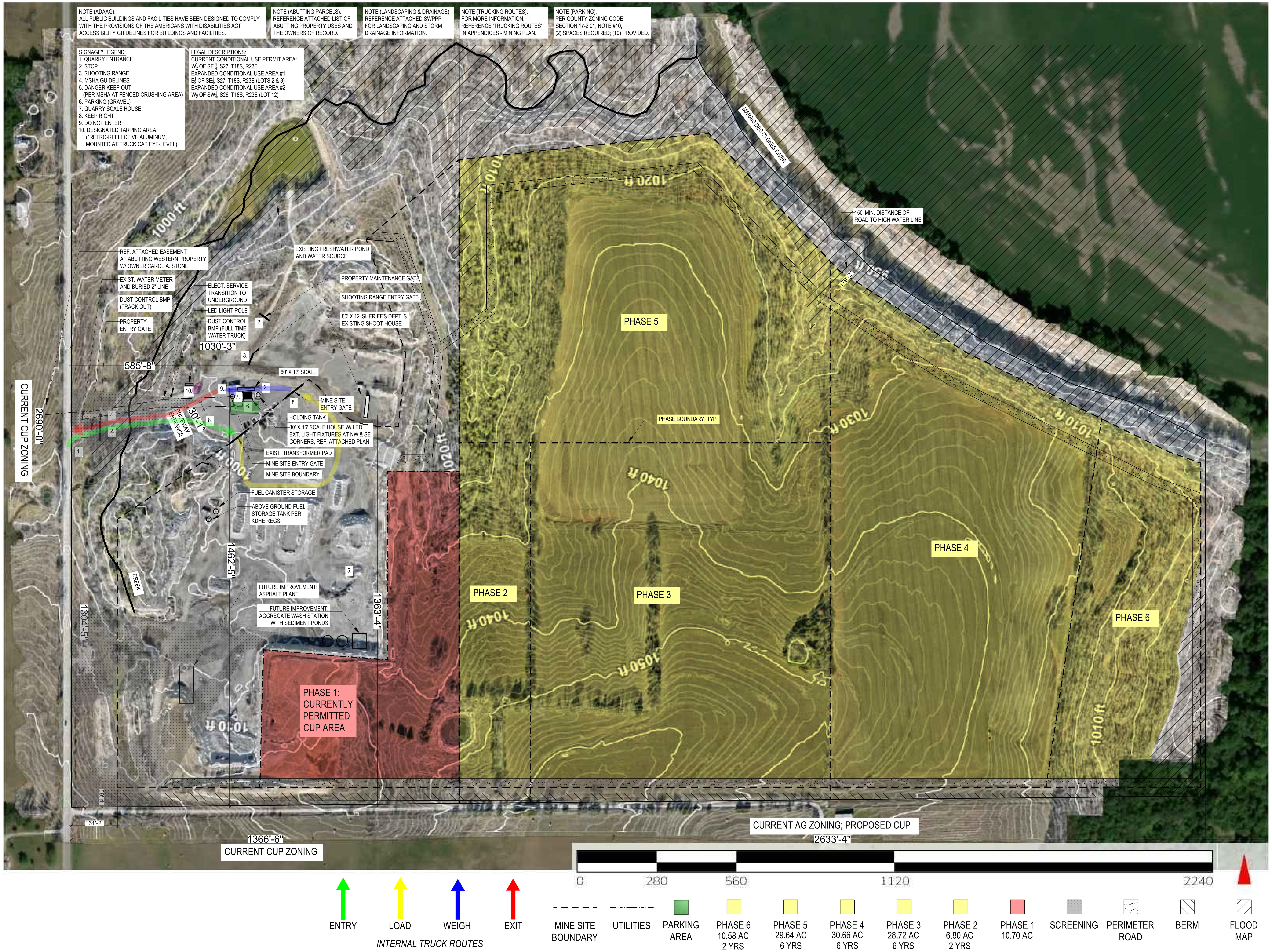
1880
ENTERPRISES, LLC
38.450493, -94.853571

1880 Block Quarry
Hedge Ln Rd
& W 375th St.
Paola, KS 66071

PROJECT
1880 Block Quarry
Conditional Use Permit
Site Plan

OWNER
1880 Enterprises, LLC
1215 W 12th St. Ste. 250
Kansas City, MO 64101

ARCHITECT
Rolf Petermann
The Rhys Ivy Company
1215 W 12th St. Ste. 250
Kansas City, MO 64101
785.865.6186



SITE PLAN - C.U.P.

0 200 400 600 800 1000 1200
SCALE : 1"=200'

DATE
02.12.25

AUTHOR
RBP

PHASE
C.U.P.

REVISION LOG

C.U.P. SITE PLAN
A1.1

1880 Block Quarry
Limestone Surface Mining Plan

37301 Hedge Lane Rd, Paola, KS 66071

1880 Enterprises, LLC

Executive Summary

1880 Block Quarry

The 1880 Block Quarry, situated just North of Fontana, Kansas along Hedge Lane, serves as a longstanding resource for Miami County. Recently acquired by 1880 Enterprises, LLC, the quarry's operational framework necessitates a significant reassessment to meet current objectives and standards following the transfer of ownership from Richard Block and leased to Miami County. This plan is designed to delineate strategies for optimizing resource extraction, enhancing safety protocols, prioritizing environmental conservation, ensuring regulatory compliance, and establishing a working roadmap for sustainable development. Through meticulous planning and adherence to industry best practices, our aim is to maintain operational integrity while contributing to the ongoing progress and prosperity of Miami County as well as surrounding communities.

Business Idea

Expand the product offering of the rock quarry by identifying and capitalizing on market opportunities. Conduct market research to understand the demand for various rock or stone materials in the region. Develop strategic partnerships with construction companies, infrastructure developers, haulers, and road builders to provide reliable aggregates supply. Provide strategic advantages to internal partners for bidding opportunities.

Mission Statement

Our mission is to be a trusted partner in providing essential construction materials, fostering long-term relationships with customers, and positively contributing to the economic development and infrastructure growth of our region.

Vision Statement

Our vision is to be a regional leader in rock quarrying, guided by our unwavering commitment to integrity, transparency, and ethical practices. We foster a culture of dedication and unwavering commitment, valuing our employees, projects, and clients alike. Through teamwork and collaboration, we build strong relationships, inspire trust, and achieve shared goals as one cohesive team.

We understand the importance of our role within the community and strive to make a positive impact on the growth and well-being of our team members and the regions we serve. We actively engage with local stakeholders, supporting initiatives that enhance the communities in which we operate.

Embracing a culture of innovation, we continuously seek new ways to improve our quarrying processes, products, and services. We encourage creative thinking, challenge conventional practices, and leverage cutting-edge technologies to deliver sustainable and efficient solutions.

By embodying these values, we aim to set the highest standards of excellence in the industry, ensuring that our quarrying operations serve as a benchmark for integrity, commitment, teamwork, community impact, and innovation.

Table of Contents

Introduction

Background

The 1880 Block Quarry, located just north of Fontana, Kansas, in Miami County, has a proven history of limestone extraction dating back to its inception under the lease agreement between Raymond Block and Miami County in 1954. Formerly managed by the county, the quarry has been a notable source of limestone aggregate for local projects and infrastructure until recent years. Following its recent acquisition by 1880 Enterprises, the quarry has been rebranded as the "1880 Block Quarry" with a renewed focus on upholding its legacy while aligning with updated standards and practices. 1880 Enterprises, established as a joint venture in 2023, is dedicated to producing limestone aggregate for local municipalities and the Kansas Department of Transportation, solidifying the quarry's pivotal role in regional development initiatives.

Objectives

Optimize Resource Extraction: Maximize limestone extraction efficiency while minimizing environmental impact and operational costs through innovative equipment, optimized workflows, and continuous process improvement.

Safety: Prioritize personnel safety by adhering to stringent protocols, providing comprehensive training, and conducting regular safety inspections as outlined in the "Safety and Environmental Considerations" section.

Environmental Stewardship: Mitigate environmental impact through site reclamation, environmental awareness initiatives, and water management.

Compliance and Regulation: Ensure full compliance with county, state, and federal regulations governing quarry operations, fostering streamlined communication and compliance with regulatory bodies.

Infrastructure Overview

The infrastructure at the 1880 Block Quarry is designed to support efficient quarry operations and ensure compliance with regulatory requirements. Central to the operational setup are scales and a scale house, which serve as a central administrative hub, providing oversight and management of quarry activities. This is where a significant portion of the mandatory signage is displayed. Additionally, plans include the potential installation of a quality control trailer to enable on-site testing and analysis of limestone products, ensuring adherence to quality standards and customer specifications. An integral component of the infrastructure is the aggregate washout facility, designed to manage and treat wastewater generated during the washing process, thereby minimizing environmental impact, and promoting sustainable practices. Furthermore, the construction of two evaporation basins will facilitate the treatment and disposal of water used in quarry operations, aligning with environmental regulations and best practices. Additionally, the quarry site features an existing county shooting range, which will be maintained and managed separately from

quarry operations. For a visual representation of the quarry layout and infrastructure components, please refer to Appendix A.

Site Contacts

Quarry Manager

Wyatt Hale	(660) 464-0864	w.hale@geukc.com

Safety Manager

Spencer Flick	(660) 542-4120	s.flick@guekc.com

Financial Controller

Brooke Pottorf	(816) 807-9463	b.pottorf@geukc.com

1215 W 12th Street, Suite 250
Kansas City, MO 64101-1407
Fax: (816) 817-0926

Clarkson Construction Contact

Gabe Dandar	(913) 777-1473	gdandar@clarksonconstruction.com

Additional 1880 Block Quarry Employees

(1) Scale House Operator
(3) Operators – Certified or Premium

Site Overview

Geographic Location

Site Address

37301 Hedge Lane Rd
Paola, KS 66071

Full Description

- Current Conditional Use Permit Area:
  - W ½ of SE ¼, S27, T18S, R23E
- Expanded Conditional Use Area #1
  - E ½ of SE ¼, S27, T18S, R23E
    - Lots 2 & 3
- Expanded Conditional Use Permit Area #2
  - W ½ of SW ¼, S26, T18S, R23E
    - Lot 12

*For visual of this description, please refer to Appendix C – *Supplemental Site Maps*

Hedge Lane Road & W. 375th Street (NE Corner)
Fontana, Kansas

Geographic Location & Site Map

See Appendix A & B

Description of Mine Site

Location

The site is located at the northeast corner of Hedge Lane Road and West 375th Street just North of Fontana, Kansas. The Site location is also shown on the site map featured in Appendix A. The parcel description of the site can be seen above. Latitude/Longitude: Coordinates of the Site entrance per Google Earth are 38.450493, -94.853571 (decimal), 38°27'01.8"N 94°51'12.9"W (degrees, minutes, seconds).

Activity

The site serves as a limestone quarry and surrounding pasture fields. This activity includes periodic surfacing mining, overburden management, aggregate crushing, and rock hauling. The site also has outdoor shooting range operated by others (Miami County, KS Sheriff's Office). Shooting range activity is planned to be permitted within the terms of the Miami County Conditional Use Permit. Quarry waste will be covered with a minimum of two feet of soil. Upon conclusion of mining activity, the Site conditions will be commensurate with state requirements for mine reclamation. For more information on post-mining reclamation, see Appendix E – *Completed Documentation*, for our approved

Reclamation Plan. The 1880 Block Quarry site is related to SIC Code 1422: Establishments primarily engaged in mining or quarrying crushed and broken limestone. For more information on historical truck counts and routes, please see *Trucking Routes* within Appendix A.

Utilities

Electric

At present, there are no electrical generation facilities situated within or in close proximity to the 1880 Block Quarry. Electrical utility services are provided by Heartland Rural Electric. The distribution of electrical power predominantly occurs underground within the quarry premises to minimize interference with quarry operations. Notably, no overhead power lines intersect areas frequented by quarry traffic. There is a designated transformer, pad, and disconnect equipment located on the West face of the Scale House.

Water

The quarry's water meter is positioned just North of the junction of the quarry entrance and Hedge Lane, situated outside the confines of the quarry site. The water main, a 2" line, is situated on the quarry side of the road. Water distribution is run entirely underground, supplying water to the scale house. As for restroom facilities, the scale house currently relies on portable toilets, until the permanent scale house is completed (Permit #240449). The new scale house will rely on a 2400 gallon holding tank (Permit #240447), pumped bi-weekly, for wastewater purposes.

Drainage

The first receiving water of the site is the Marais Des Cygnes River. Runoff flows from the quarry area to the west, then northward toward the Marais Des Cygnes River. Runoff for the east portion of the site flows northeast toward the river valley bordering the property. Per FEMA Firmette panel 20121C0325D effective 1/16/2014, the low elevation portions of the site are in zone A and subject to inundation during the 1% annual flood chance. This area stems from the Marais Des Cygnes River at the northeast corner of the site and extends toward the west and south including the entrance road of the Site. The U.S. Fish and Wildlife Service National Wetland Inventory Mapper database indicates there are no known wetlands are located within the quarry area. The United States Department of Agriculture Natural Resources Conservation Service indicates soil composition quarry pit, Wagstaff silty clay loam, Clareson-Rock outcrop complex, and Eram silty clay loam, predominantly in hydrologic soil group D. Group D soils have a slow infiltration rate when thoroughly wet. Maps indicating flood zone, drainage basin, wetlands and soil are in Appendix C.

Resource Assessment

Mineral Deposit Analysis

Agriculture is an important part of the economy of Miami County. Upland soils, developed in residuum and loess, support pasture and a variety of cultivated crops. Alluvial soils in river valleys are used mainly for cultivated crops. Several carbonate rock units in the county, such as the Lower Farley, Upper Farley, and Argentine Limestones, provide an important source of building stone as well as crushed rock for road construction. Oil and gas production in Miami County comes from the Forest City Coal Gas Area. Oil and gas fields in the county include Beagle, Black, Block, Louisburg, and Paola-Rantoul. In 2021, 2,517 wells produced 162,940 barrels of oil and no gas (Kansas Geological Survey, 2022).

Geological Survey Findings

Rock found at the surface in Miami County, Kansas, an area of about 590 square miles, formed during the Pennsylvanian Subperiod (299-323 million years ago) when cycles of shallow seas, swamps, and river channels deposited alternating beds of limestone, sandstone, shale, and coal in eastern Kansas. The oldest rocks - the Hertha Limestone - crop out in river valleys in the southeastern part of the county. The youngest rocks - the Stanton Limestone - form the uplands in the northwest.

Miami County lies in the Osage Cuestas region of eastern Kansas, where gently dipping limestones and shales that underlie the entire county have been eroded to create ridges with steep, cliff-like faces on one side and gentle slopes on the other. Agriculture is important to the economy of Miami County, and the county is also home to Hillsdale Lake, the federal public water supply reservoir.

Aggregate materials are used to make concrete, mortar, asphalt, and other similar products. Aggregate made from crushed stone is an essential component of the concrete and asphalt used to construct roads. Miami County's limestone aggregate resources are increasingly important to support the transportation infrastructure needs in northeast Kansas, especially in the Kansas City metro about 25 miles north of the county.

The Surficial Geology of Miami County Kansas Geological Survey map shows for the Block Quarry that there are four geologic formations in the general area. The contact between the top Dennis Limestone and Cherryvale Shale formations represents the Bronson-Linn Subgroup boundary of the Kansas City Group. Due to difficulty differentiating boundary defining units within the county, these two formations are collectively mapped as one unit. The lower elevation formation is the Swope Limestone and Galesburg Shale. The middle part of the Bronson Subgroup of the Kansas City Group is composed of the Swope Limestone and overlying Galesburg Shale formations. Due to the close genetic relationship of these units (i.e., deposited as the sea level rose and fell) and the Comparatively thin nature of the Galesburg Shale, these formations are collectively mapped as one unit.

Quality Control

Standard Practices

As previously stated, 1880 Enterprises is a three-way joint venture, comprised of three different industry professionals. 1880 Block Quarry intends to utilize Clarkson Construction Company's established Quality Management System (QMS) which is appropriate to the scope of our activities. Clarkson Construction keeps records of all certificates of accreditation from AMRL and a listing of accreditation as well as an annual Criteria Compliance document (per AASHTO R18 5.1.1 requirement). As an affiliate of Clarkson, we believe our Quality Program ensures that our work meets or exceeds the expectations of our clients. Our team-wide focus centers upon adhering to governing requirements. We continually monitor our performance against the goals of our Quality program. Clarkson Construction's *Quality Management Systems Manual* can be seen in Appendix G.

DOT Requirements

The Block Quarry site is located just North of Fontana, Kansas and falls under the Kansas Department of Transportation (KDOT) jurisdiction. The quarry will generally be used to generate construction materials for use on KDOT projects. The materials generated will include aggregates for concrete, asphaltic pavement, base rock, drainage rock, riprap, etc. Each of the individual materials have specific Specification requirements that must be met to be used on KDOT projects. Please see Appendix K for KDOT MRC Lab Report Results. The 1880 Block Quarry will have an on-site quality control lab capable of performing most of the DOT required test methods. What is unable to be tested there will be brought to Clarkson's dedicated quality control laboratory. The required testing includes but is not limited to the following:

- Gradations
- Soundness
- Wear
- Plasticity
- Modified Soundness by Freeze/Thaw
- Relative Dynamic Modulus of Elasticity
- Expansion
- Wetting & Drying

SECTION 1115

TEST METHODS FOR DIVISION 1100, AGGREGATES

1115.1 GENERAL TEST METHODS

KT tests are general procedures performed in the field and the central laboratory. They are included in Part V. Copies can be obtained by contacting the Plans and Proposals Section in the Bureau of Construction and Materials, the local DME, or the Quality Assurance Section at the Materials and Research Center. Check the special provision regarding test methods to ascertain the date of the latest revision.

TITLE	TEST METHOD
Sampling Aggregates	KT-1
Sieve Analysis of Aggregates	KT-2
Material Passing No. 200 Sieve by the Wash Method	KT-3
Percent Retained on the No. 200 Sieve by Dry Screening	KT-4
Unit Weight of Aggregate	KT-5
Specific Gravity and Absorption of Aggregate	KT-6
Clay Lumps and Friable Particles in Aggregate	KT-7
Shale or "Shalelike" Materials in Aggregate	KT-8
Plasticity Test	KT-10
Moisture Test	KT-11
Determination of Free Moisture or Absorption of Aggregate For Use in Concrete	KT-24
Determination of Percentage of Crushed Particles in Crushed Gravel	KT-31
Sieve Analysis of Extracted Aggregate	KT-34
Sticks in Aggregate	KT-35
Making, Curing and Testing Cement Treated and Unbound Bases In the Laboratory	KT-37
Moisture Contents of Asphalt Mixtures of Mineral Aggregates -Microwave Oven Method	KT-43
Uncompacted Void Content of Fine Aggregate	KT-50
Plastic Fines in Combined Aggregates by Use of the Sand Equivalent Test	KT-55
Flat and Elongated Particles in Coarse Material Test	KT-59

1115 - TEST METHODS FOR DIVISION 1100, AGGREGATES

1115.2 MATERIALS AND RESEARCH CENTER TEST METHODS

KTMR tests are procedures found at the Materials and Research Center and are not expected to be performed in the field. Copies can be obtained by contacting the Quality Assurance Section in the Materials and Research Center.

TITLE	MR TEST METHOD
Permeability for Base Course Material	KTMR-5
Soundness and Modified Soundness of Aggregates by Freezing and Thawing	KTMR-21
Durable Aggregate Test	KTMR-22
Wetting and Drying Test of Sand-Gravel Aggregate for Concrete	KTMR-23
Procedures for Testing Lightweight Aggregates	KTMR-24
Test Method for Compressive Strength of Hydraulic Cement Mortars Using 2 inch Cube Specimens	KTMR-26
Modified Specific Gravity and Absorption of Aggregate	KTMR-27
Determination of Total Acid Insoluble Residue	KTMR-28

1115.3 AASHTO TEST METHODS

In addition to the test methods referenced above, the following American Association of State Highway and Transportation Officials (AASHTO) test methods are used as written in the current edition of the AASHTO Materials Manual, Part II. Copies can be obtained from AASHTO, or can be viewed at the offices of the local DME, Construction and Materials Headquarters, or the Quality Assurance Section in the Materials and Research Center.

TITLE	AASHTO TEST METHOD
Organic Impurities in Fine Aggregates for Concrete	AASHTO T 21
Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	AASHTO T 96
Lightweight Pieces in Aggregate	AASHTO T 113

Mining Methods and Techniques

Surface Mining Methods

The surface mining methods employed at the 1880 Block Quarry are put in place to promote a streamlined process tailored solely to limestone extraction. With most of the existing mineable area already clear due to its previous use as pasture ground, minimal clearing and grubbing are anticipated within the current CUP. The sequence of operations involves several key steps as follows.

The mining operation at the quarry employs the conventional truck and shovel method, complemented by drill and blast techniques. Vegetation, topsoil, and overburden will be meticulously removed and segregated for future reclamation efforts. These materials will also contribute to enhancing existing site improvements when necessary.

Given the varying dimensions of the limestone deposits within the 1880 Block Quarry, the height of mining benches will be subject to adjustment. Preliminary assessments, based on core samples taken from proposed mining limits, indicate an average topsoil depth of approximately 1.5 feet. Soft seams within the lower bench range from 1-18 feet, while those in the upper bench range from 0-15 feet. Conversely, hard seams in the lower bench range from 0-27 feet, with the upper bench spanning 6-37 feet. Further details can be found in Appendix L – Drill Log for reference.

Extraction of limestone and waste rock involves drilling, blasting, and loading onto transport trucks using hydraulic excavators and wheel loaders. The aggregate is then transported to stockpiles situated in the central portion of the quarry site, conveniently located near the portable crusher for processing

Standard equipment, including excavators, off-road trucks, front-end loaders, and rotary drills are employed, predominantly powered by diesel fuel. On-site power will be utilized to operate essential facilities such as the scale house, quality control trailer, and water pumps as needed.

It is important to note that methods employed may be subject to change. Adjustments to mining methods may occur to accommodate equipment availability and operational considerations. Flexibility in adapting to evolving circumstances is integral to the quarry's operational planning and execution. Reference of aggregate washout area, mineable surface area, and sediment basins are reflected in the Site Map – Appendix A.

Additional Blasting Information

The 1880 Block Quarry contracts all drilling and blasting operations to Austin Powder Company, a trusted industry leader. Austin Powder is responsible for marking drilling locations, loading the blast, and carrying out the detonation. Per our subcontract, they handle all necessary blasting permits and ensure compliance with federal and state regulations. This includes deploying seismographs to monitor vibration levels, ensuring that blasting activities do not exceed permissible limits or disrupt nearby residents. During blasting operations, Austin Powder sets up signage to clearly mark the blast zone for safety. Blasting is typically conducted once per month, usually on Thursdays. A standard blasting schedule involves Austin Powder arriving on-site at 7:00 AM to begin drilling, completing preparations and blasting by 11:00 AM, and leaving the site by 12:00 PM. For detailed seismograph data and additional blasting information, please refer to Appendix M – *Blasting Info*.

Equipment and Technology Overview

Refer to Appendix H – Master Equipment List for details on the equipment used at the 1880 Block Quarry. Please note that the equipment lineup is subject to change based on aggregate demand and the evolving needs of the parent companies.

Safety and Environmental Considerations

Safety Protocols and Procedures

The Safety and Environmental Considerations section of this mining plan emphasizes our dedication to safeguarding personnel and minimizing the environmental footprint of quarry operations. Acknowledging the inherent risks and environmental implications of quarrying, this section outlines comprehensive strategies and protocols aimed at ensuring safety and mitigating environmental impacts. Through stringent safety measures, regulatory compliance, and the implementation of best practices, we strive to cultivate a secure work environment while preserving the natural ecosystem surrounding the 1880 Block Quarry. This section underscores our commitment to responsible quarrying practices, operational excellence, and environmental sustainability. Our Site-Specific Safety Plan, Emergency Action Plan, and Training Plan can be seen in Appendix F.

Environmental Impact Assessment

The environmental impact assessment for the 1880 Block Quarry encompasses a thorough evaluation of potential environmental risks associated with quarry operations. This assessment considers various factors, including air and water quality, soil erosion, habitat disturbance, and noise pollution. In accordance with regulatory requirements and industry best practices, the following risk mitigation strategies have been identified:

Air Quality Management: Implement dust control measures, such as watering unpaved roads and stockpiles, installing windbreaks/berms, and utilizing dust suppression technologies on processing equipment. Regular maintenance and inspection of equipment to minimize emissions will also be conducted.

Water Management: Employ sedimentation ponds and erosion control measures to prevent sediment runoff into water bodies. Implement best management practices (BMPs) for stormwater management, including the installation of sediment traps and vegetative buffers along waterways.

Habitat Protection: Conduct habitat assessments prior to quarry expansion or development to identify sensitive areas and implement measures to minimize disturbance. Establish buffer zones around sensitive habitats and implement habitat restoration initiatives where necessary.

Noise Abatement: Utilize noise barriers and mufflers on equipment to reduce noise levels. Implement operational controls, such as scheduling noisy activities during off-peak hours, to minimize the impact on surrounding communities.

Waste Management: The Site implements controls and procedures to keep exposed areas clean of litter, garbage, and floatable debris and intercept such materials to minimize their discharge to receiving waters. These controls are implemented as part of good housekeeping procedures and include:

- Preventing or minimizing handling of waste or materials during a storm event that could potentially result in a discharge.
- Containing industrial materials susceptible to being dispersed by the wind.
- Covering industrial waste disposal containers when not in use to contain industrial materials.

- Diversion of run-on and stormwater away from stock-piled materials.
- Cleaning and managing spills of such wastes or materials; and
- Conducting routine observations of outdoor areas and equipment that may come into contact with such materials or waste and become contaminated.

For a comprehensive list of potential pollutant sources and best management strategies, please refer to Appendix D - Potential Sources and List of BMP's. This appendix provides guidance on identifying, assessing, and mitigating environmental risks associated with quarry operations.

By implementing these risk mitigation strategies and adhering to regulatory requirements and industry standards, the 1880 Block Quarry aims to minimize its environmental footprint and promote sustainable quarrying practices.

Regulatory Compliance

Permits and Licensing Requirements

The notion of permits and licensing as they relate to quarry operations, offer a detailed examination of the regulatory framework governing operations at the 1880 Block Quarry. It provides an overview of the permits, licenses, and approvals required to ensure compliance with local, state, and federal regulations. This segment delves into the meticulous process of obtaining and maintaining regulatory compliance, emphasizing alignment with environmental, safety, and operational standards. For a comprehensive record of all KDHE applications and approvals to date, please consult Appendix E - *Completed Documentation*, which consolidates pertinent KDHE applications and approved documents for easy reference.

Compliance with Environmental Regulations

Ensuring compliance with environmental regulations is a top priority of the 1880 Block Quarry. Extensive measures have been made to ensure alignment with local, state, and federal environmental regulations. Emphasizing the quarry's dedication to minimizing environmental impact, various initiatives aimed at preserving natural resources are highlighted. Of particular significance is the Stormwater Pollution Prevention Plan (SWPPP) detailed in Appendix I. Additionally, this comprehensive document outlines required periodic inspections and corresponding reports, serving as a crucial tool in our commitment to environmental responsibility and sustainable quarrying practices. Regarding required inspections, the most recent Annual Water Quality Report can be seen in Appendix J.

Timeline and Schedule

Project timeline and Milestones

The project timeline for the 1880 Block Quarry is marked by pivotal milestones, each essential for its establishment and operation. Presently, our mine site, as per KDHE form LR-2, is authorized for the extraction of 14 acres, supported by a reclamation surety bond secured through Zurich American Insurance Company. This bond, covering 38 acres and valid until cancelled, assures financial backing for reclamation endeavors extending beyond the initial mining zone. Detailed KDHE forms, such as LR-2 and LR-4 outlining the surety particulars, are accessible in Appendix E - Completed Documentation. For this first initial phase of mining operations, we plan to utilize this year to gather historical data and strategize for the future before applying for additional acreage in 2025.

Hours of Operation

M-F – 7AM – 3PM

Saturday & Sunday – Closed

The 1880 Block Quarry will not be open on the following holidays (2025):

- Memorial Day – 5/26
- Independence Day – 7/4
- Labor Day – 9/1
- Thanksgiving & Friday after – 11/27 & 11/28
- Christmas Eve & Christmas Day – 12/24 & 12/25 & 12/26
- New Year's Eve & New Year's Day (2026) 12/31/25 & 1/1/26 & 1/2/26

Seasonality

Winter weather makes it difficult to continue the manufacturing process of crushed limestone. Below freezing temperatures tend to gunk up our machines and create an inconsistent product. It is our plan to stay open year-round, stockpiling material ahead of time to prepare for lack of production in winter months. We will not be open when weather conditions create unsafe travel conditions for our employees. We plan to notify our status of operation via our website, www.1880enterprises.com.

Cost Estimates and Budgeting

Market Analysis

CUSTOMERS

- Miami County
- Lynn County

MARKET OPPORTUNITIES

DOT Contractors – We have prequalified this quarry for KDOT AB-3. We are in the process of expanding our Prequals to include Ditch Liner, Utility Trench backfill (Clean Rock), and Rip Rap. We believe that we can be cost competitive throughout Miami County, Linn County and as far north as the southern Overland Park and Olathe.

We also see an opportunity to take in asphalt tailings and clean concrete to be processed and sold to the public. These products would provide an ancillary revenue stream that would be based on the property reserves.

Products

POTENTIAL PRODUCTS

COMMERCIAL

- Borrow
- Aggregates
- Architectural Stones/Rip Rap

COUNTY/MUNICIPAL

- Chip/Road Rock
- Base Courses
- Rip Rap

DOT SPEC

- AB-3 – Approved
- Asphalt Rock – KDOT Approved
- PB-2 – KDOT Approved
- Ditch Liner – Needs DOT Approval
- Rip Rap (various Dimensions) – Awaiting DOT Approval

DELIVERY

Team with local hauling partners to maximize economic impact to the region while reducing haul cost to the customers.

Contingency Plans

Risk Assessment and Management

Dust (Medium) – Employ water truck on site at all times. At quarry entrance, we plan to implement polyethylene/rubber dust control mats. These are chemically resistant, 100% recyclable, lightweight mats that will be used to remove dust, mud, and sediment before trucks leave the quarry and enter the surrounding roadways. An example can be seen below.

Sound (Low) – Conduct work activities only during daytime hours, from 7 AM to 5 PM, to minimize noise disturbances.

Water (High) – Establish settling basins for water containment, utilize onsite water for operational needs and dust suppression, and conduct regular testing to verify compliance with EPA standards.

Blasting (Medium) – Adhere strictly to the Blasting Plan to mitigate risks associated with blasting operations.

Track out – Install cattle guards to capture debris from vehicles before they exit the site, reducing the risk of track out contamination. At the quarry entrance, we plan to implement polyethylene/rubber dust control mats. These are chemically resistant, 100% recyclable, lightweight mats that will be used to remove dust, mud, and sediment before trucks leave the quarry and enter the surrounding roadways. An example can be seen below.

Please refer to Appendix D – *Potential Pollutant Sources and List of BMPs* for information regarding environmental risks and management.

Emergency Response Procedures

Emergency Contacts

U.S. EPA National Response Center (24 hr/day) – (800) 424-8802
Kansas Division of Emergency Management (24 hr/day) – (800) 275-0297
Kansas Department of Health and Environment (24 hr/day) – (785) 296-1679

The 1880 Block Quarry prioritizes the safety and well-being of all personnel and the surrounding environment. In the event of emergencies, the following procedures outline our response protocols:

Spills and Leaks: In the event of spills or leaks, immediate action will be taken to contain the spill and prevent further environmental contamination. Trained personnel will utilize appropriate containment measures and equipment to mitigate the spill's impact. Additionally, designated personnel will notify relevant authorities and follow all regulatory reporting requirements. For a list of potential pollutants and associated best management practices, consult Appendix D – Potential Pollutant Sources and List of BMP's.

Injuries and Medical Emergencies: For injuries and medical emergencies involving mine personnel, our response procedures align with the protocols outlined in the Clarkson Construction Site Safety and Security Plan, detailed in Appendix F. Trained first responders will provide immediate medical assistance and initiate emergency medical services as necessary. Additionally, designated personnel will coordinate with external emergency responders and facilitate the transfer of injured individuals to medical facilities for further treatment.

Fire Emergencies: In the event of a fire emergency, personnel will follow established evacuation procedures to ensure the safety of all individuals on-site. Trained personnel will utilize firefighting equipment and extinguishing agents to contain and extinguish the fire, prioritizing the protection of personnel, property, and the environment.

Equipment Malfunctions: In the event of equipment malfunctions or failures, trained personnel will promptly assess the situation and implement appropriate measures to minimize risks and ensure the safety of personnel. Maintenance personnel will be notified to address and rectify the equipment issue promptly.

Natural Disasters: During natural disasters such as severe weather events, earthquakes, or floods, personnel will follow established evacuation procedures and seek shelter in designated safe areas. Designated personnel will monitor weather alerts and provide timely updates and instructions to all individuals on-site.

Communication and Coordination: Effective communication and coordination are critical during emergency situations. The quarry manager will notify relevant authorities, coordinate with emergency responders, and disseminate information to all personnel on-site.

By implementing these emergency response procedures and adhering to established protocols, the 1880 Block Quarry is committed to maintaining a safe and secure environment for all personnel and minimizing the impact of emergencies on the surrounding community and environment. The emergency response procedures are subject to change and will be updated with the MSHAW approved site-specific safety plan at time of completion.

Appendices

*****ALL APPENDICES ATTACHED AS SEPERATE FILES**

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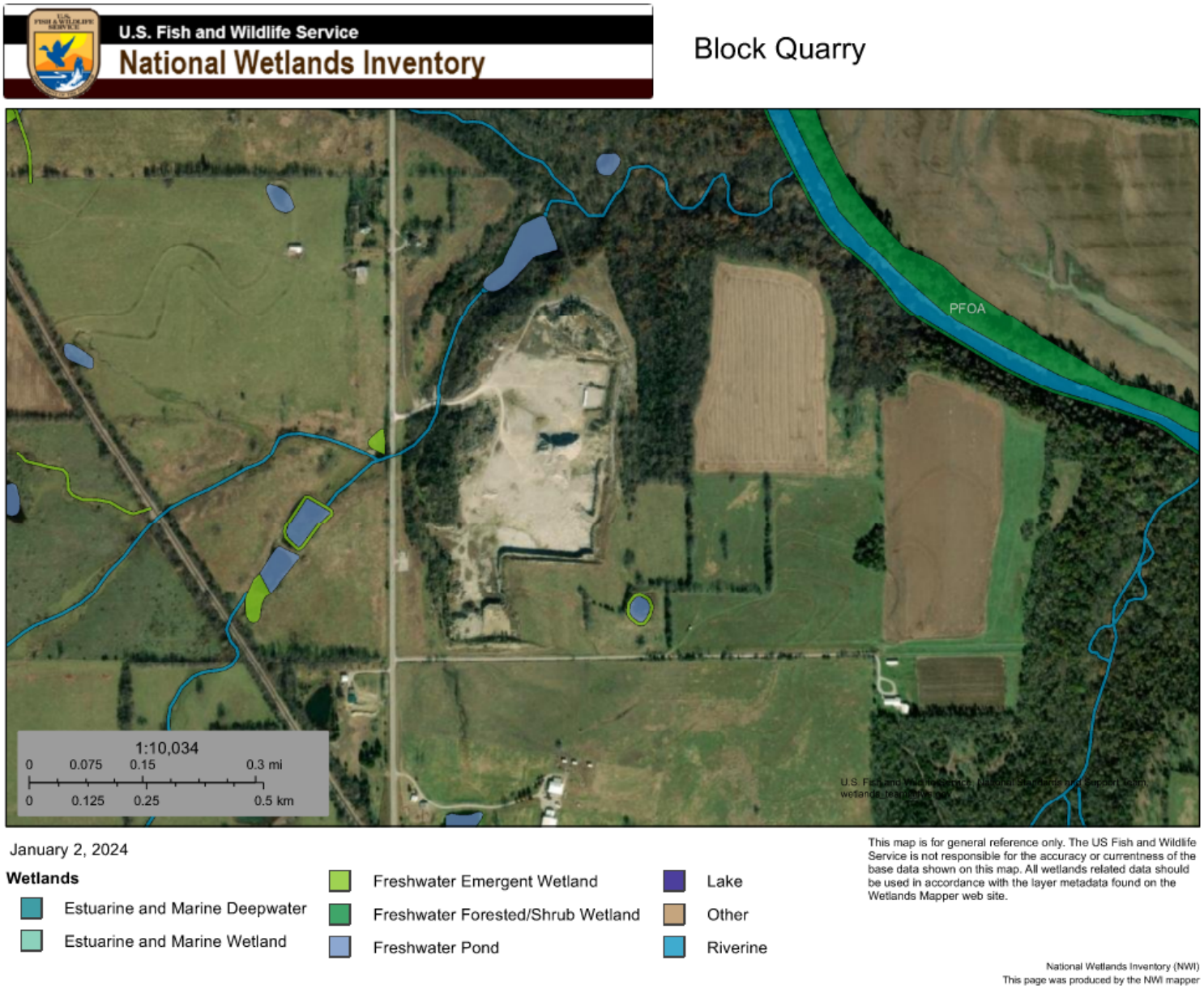
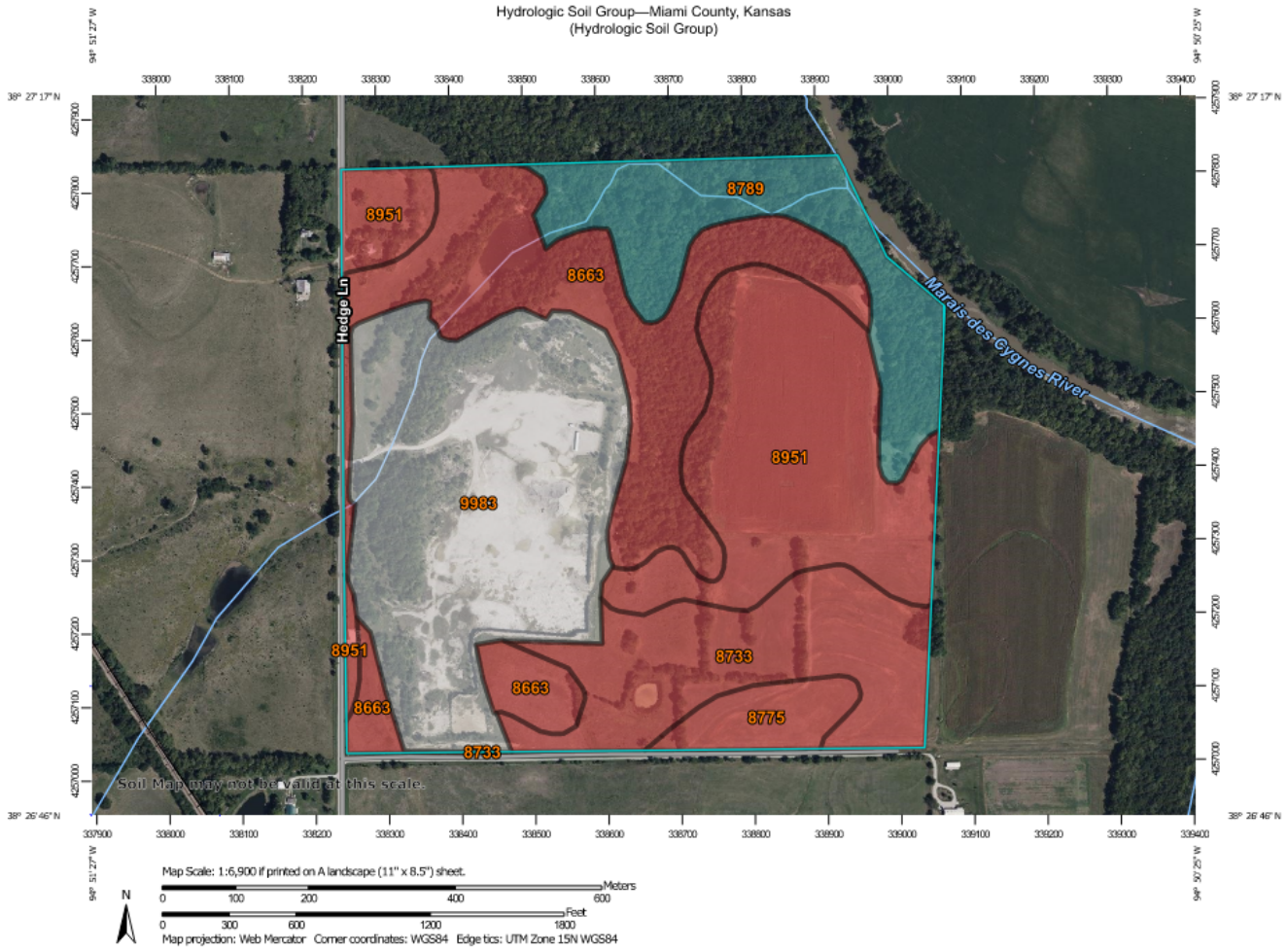
Appendix A – Site Maps

Appendix B – Site Location

Appendix C – Supplemental Site Maps





USDA Natural Resources Conservation Service

Web Soil Survey
National Cooperative Soil Survey

1/2/2024
Page 1 of 4

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils

Soil Rating Polygons
- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Lines
- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Points
- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

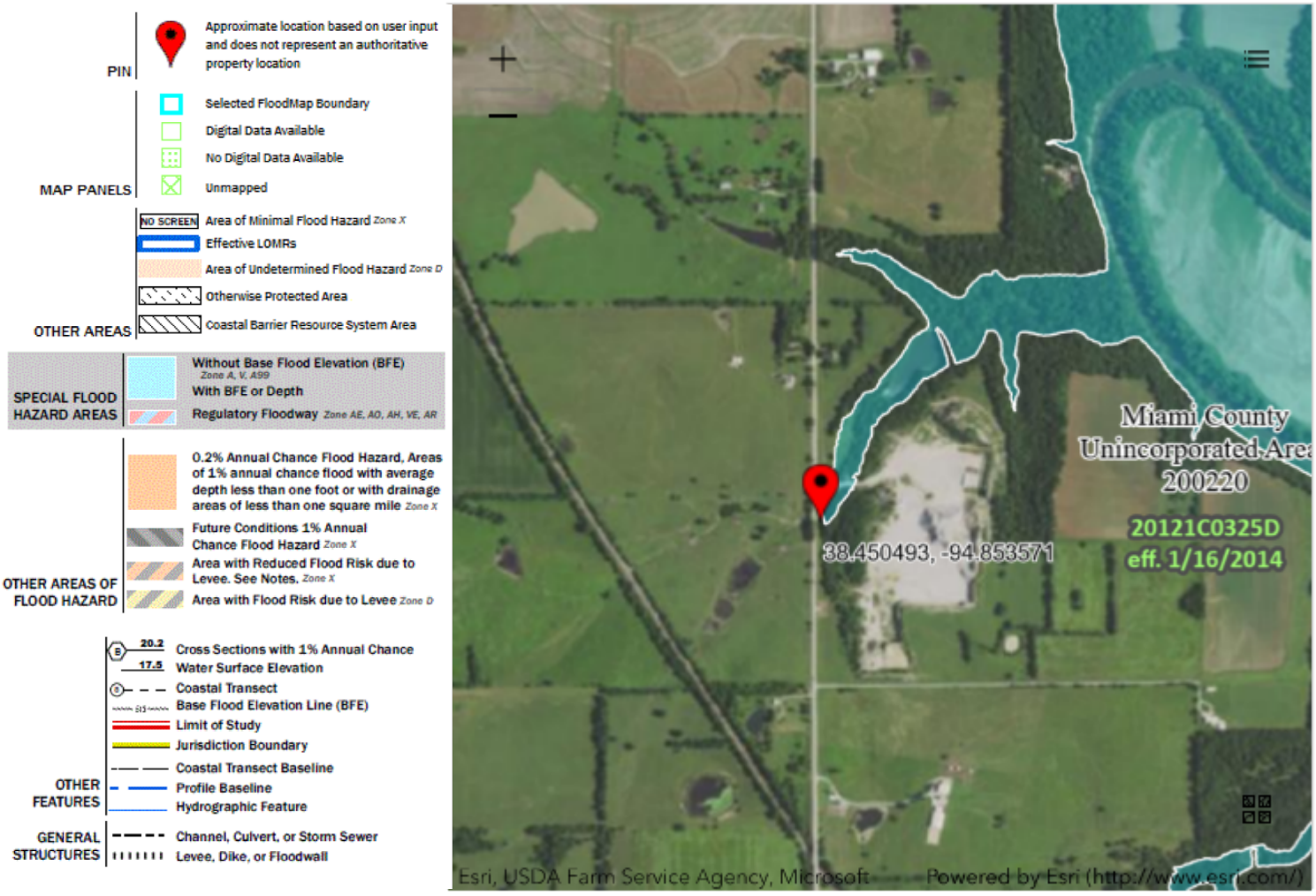
This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Miami County, Kansas
Survey Area Data: Version 24, Sep 12, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Aug 30, 2022—Sep 8, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.


PIN
Approximate location based on user input and does not represent an authoritative property location
MAP PANELS
Selected FloodMap Boundary
Digital Data Available
No Digital Data Available
Unmapped
OTHER AREAS
NO SCREEN
Area of Minimal Flood Hazard Zone X
Effective LOMRs
Area of Undetermined Flood Hazard Zone D
Otherwise Protected Area
Coastal Barrier Resource System Area
SPECIAL FLOOD HAZARD AREAS
Without Base Flood Elevation (BFE) Zone A, V, A99
With BFE or Depth
Regulatory Floodway Zone AE, AO, AH, VE, AR
OTHER AREAS OF FLOOD HAZARD
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
Future Conditions 1% Annual Chance Flood Hazard Zone X
Area with Reduced Flood Risk due to Levee. See Notes. Zone X
Area with Flood Risk due to Levee Zone D
OTHER FEATURES
20.2
17.5
Cross Sections with 1% Annual Chance
Water Surface Elevation
Coastal Transect
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature
GENERAL STRUCTURES
Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall
Miami County
Unincorporated Area
200220
20121C0325D
eff. 1/16/2014
38.450493, -94.853571
Esri, USDA Farm Service Agency, Microsoft
Powered by Esri (http://www.esri.com/)

Appendix D – Potential Pollutant Sources and List of BMP's

Area/Equipment	Potential Pollutant Source	Potential Pollutants	Best Management Practices (BMPs)
Material storage areas	Storage containers	Chemicals Industrial fluids	Secondary containment structures Store fluids in property labeled and closed containers Properly dispose of materials and fluids offsite Contain fluids fand keep from entering storm drains
Vehicles and equipment	Leaks from vehicles and equipment	Oil & grease Fuel Hydraulic fluid Antifreeze Cleaning detergents	Use spill containment for preventative maintenance Perform maintenance offsite when possible Use small secondary pans under equipment Contain fluids fand keep from entering storm drains Place spill kit response materials in appropriate areas Confirm spill response materials are maintained, replenished when used Secondary containment structures
Stockpiles	Loose soil Aggregate dust Aggregate rinse water	Sediment Turbid rinse water	Place away from drainage ditches and high velocity runoff flow Berms downstream of stockpiles Filter socks downstream of stockpiles Rock ditch checks in downstream drainage ditches Detention basins & Evaporative pools Stockpile cover blankets
Waste handling and disposal areas	Uncovered receptacles Portable toilet Septic system	Site waste Sanitary waste	Covered and secured trash receptacles Secured portable toilet Functioning, permitted septic system
Erodible areas	Soil and Aggregates	Sediment	Vegetative/seed stabilization, hydromulch or erosion control blankets Berms downstream of erodible areas Filter socks downstream of erodible areas Rock ditch checks in downstream drainage ditches Detention basins Evaporative pools
Non-stormwater discharges	Irrigation water used to establish or maintain vegetation Water used for dust control Wash rack	Sediment Pesticides	Good housekeeping Periodic inspections Training of non-stormwater discharges Natural vegetive buffer areas
Dust generation and vehicle tracking	Soil and Aggregates	Sediment	Water application to excessive dust areas Non-erodible surface at site access
Managed by Others*			
Outdoor shooting range	Ammunition	Heavy metals	Monitoring and Remediation

Appendix E – Completed Documentation

LR-1 (Rev. 10/21)

Kansas
Department of Agriculture
Division of Conservation

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KS Dept of Agriculture

Mined Land Reclamation Program

APPLICATION FOR MINING LICENSE

The Surface-Mining Land Conservation and Reclamation Act of 1994 specifies that those persons engaged in mining, as defined by the Act, shall be licensed by the Executive Director of the Kansas Department of Agriculture (KDA), Division of Conservation (DOC). The Act also states that a fee of $300.00 is required to accompany each application for a mining license. Political subdivisions of state government are also required to be licensed; however, these entities are **exempt** from the $300.00 fee.

☐ **Please check here if you are a County**

For Division of Conservation Use:
License Number: 24-324

Company/County Name 1880 Enterprises, LLC

Street Address 1 1215 W. 12th Street, Suite 250

Street Address 2

City Kansas City **State** Missouri **Zip** 64101

E-mail s.howard@geukc.com

Telephone 816-512-9465 **Fax**

Contact Person:

As a representative of the above-named company/county, I certify that the above information is correct to the best of my knowledge, and that the above-named company/county has the authority to operate a mine, and that the above-named company/county has complied with all local, state, and federal requirements pursuant to K.S.A. 49-607(7).

First Name Tim **MI** **Last Name** Anderson

Title Co-Owner - 1880 Enterprises, LLC **Date** 29 JAN 24

Signature

Telephone 913-634-5204

E-mail Tim@extremerr.com

Rd 2-8-24
V# 4010

MINE TYPE (check one):

Surface X **Underground** ____

Please submit this form and a payment for fees to:
Kansas Department of Agriculture
Division of Conservation
Mined Land Reclamation Program
1320 Research Park Drive
Manhattan, Kansas, 66502.
Make check payable to State of Kansas.
OFFICE 785-564-6620 FAX 785-564-6778

For Division of Conservation Use Only

Approved by STEVEN K. FROST **Date** 2-8/2024

Signature [signature] **Title** DIRECTOR

LR-2 (Rev. 10/21)

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KS Dept of Agriculture

Kansas Department of Agriculture
Division of Conservation

Mined Land Reclamation Program

APPLICATION FOR NEW SITE REGISTRATION

(Separate requests must be made for each new site registration)

☐ **Please check here if you are a County**

For Division of Conservation Use:
Site Number: 1

Company/County 1880 Enterprises, LLC **License Number** 24-324

Street Address 1 1215 W. 12th Street, Suite 250

Street Address 2

City Kansas City **State** Missouri **Zip** 64101

E-mail s.howard@geukc.com

Telephone 816-512-9465 **Fax**

SITE INFORMATION

Site No. Assigned by DOC	Site Name	County	Legal Description					East/ West	Acres
			Q		S	T	R		
1	1880 Block Quarry	Miami	S	E	27	18S	23		14

Street Address of Site 36845 Hedge Lane Paola, KS 66071

Directions from nearest town Fontana; W on 387th St (.7m), N on Hedge Ln (1.7m), on right.

Name of Landowner 1880 Enterprises, LLC (First) (Last) **Telephone** 816-512-9465

Address 1215 W. 12th Street, Suite 250 **City** Kansas City **State** MO **Zip** 64101

Material(s) to be Extracted:

X Limestone ___Sand & Gravel ___Sand ___Rock ___Shale ___Gypsum ___Sandstone ___Landfill
___Quartzite ___Stone ___Caliche ___Salt ___Gravel ___Soil ___Topsoil ___Clay ___Volcanic Ash

Source of Applicant's Legal Right to Mine on the Land (*choose one*): Lease___ Own X Other___

NEW SITE FEE is $45.00 per site (Counties are exempt)

Rec 2-9-24
#4010

LR-2
Page 2 of 2

K.S.A. 49-607, and K.A.R. 11-8-6, and 11-8-8 **require** a Land Reclamation Plan, Site Map and Reclamation Bond for each site registered with the Division of Conservation. **Counties are exempt from the bonding requirement.**

Reclamation Plan attached (LR-3)	Yes X	
Site Map attached	Yes X	
2 acres or less – exempt from bond requirements	Yes ____	No X
Reclamation Bond Attached (Counties exempt)	Yes X	
Covered by existing bond # ____	Yes ____	No X **If not covered by an existing bond, complete the applicable Bond form** *(choose from forms LR-4 through LR-4D)*

New Surety bond no. 9447259

Attached

As a representative of the above-named company/county, I certify that the above information is correct to the best of my knowledge, and that the above-named company/county has the authority to operate a mine on the site listed above, and that the above-named company/county has complied with all local, state, and federal requirements pursuant to K.S.A. 49-607(7).

First Name Tim **MI** ____ **Last Name** Anderson

Title Co-Owner - 1880 Enterprises, LLC **Date** 29 JAN 24

Signature [signature]

E-mail Tim@extremerr.com **Telephone** 913-634-5204

Please submit this form and a payment for fees to:
Kansas Department of Agriculture
Division of Conservation
Mined Land Reclamation Program
1320 Research Park Drive
Manhattan, Kansas, 66502.
Make check payable to State of Kansas.
OFFICE 785-564-6620 FAX 785-564-6778

For Division of Conservation Use Only

Approved by STEVEN K. FROST **Date** 2-8-2024

Signature [signature] **Title** DIRECTOR

LR-3 (Rev. 10/21)

Kansas
Department of Agriculture
Division of Conservation

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KS Dept of Agriculture

Mined Land Reclamation Program

RECLAMATION PLAN

K.S.A. 49-602. It is the policy of this state to provide for the reclamation and conservation of land affected by surface mining and thereby to preserve natural resources, protect and perpetuate the taxable value of property, and protect and promote the health, safety and general welfare of the citizens of this state.

SITE INFORMATION

Company/County Name 1880 Enterprises, LLC **License Number** 24-324

Street Address 1 1215 W. 12th Street, Suite 250

Street Address 2

City Kansas City **State** Missouri **Zip** 64101

E-mail s.howard@geukc.com

Telephone 816-512-9465 **Fax**

Date of Application

THIS RECLAMATION PLAN WILL BE VALID FOR 10 YEARS FROM THE DATE OF DOC APPROVAL.
Expiration Date: 2-8-2034

SITE INFORMATION

Site Number	Site Name	County	Legal Description Q	S	T	R	East/ West
1	1880 Block Quarry	Miami	SE	27	18 S	23	

Material(s) to be Extracted: X Limestone ___Sand & Gravel ___Sand ___Rock ___Shale ___Gypsum ___Sandstone ___Landfill ___Quartzite ___Stone ___Caliche ___Salt ___Gravel ___Soil ___Topsoil ___Clay ___Volcanic Ash

Street address of site 36845 Hedge Lane Paola, KS 66071

Is the site leased or owned by the operator? Owned

Pre-mining land use? Pasture **Total acreage of the registered site?** 14

What is the total acreage of mining operation (includes roads, stockpiles, storage etc.)?

Indicate the approximate depth in feet of the following:

topsoil 1.5' mineral layer(s) 1) 0.5'
overburden minus topsoil 1.5' 2)

LR-3
Page 2 of 5

RECLAMATION PLANNING

Do you intend to reclaim as you mine?_____ **Or when mining is completed?** x_____
What is the expected total acreage of land to be affected at the site during the life of the mine? _____

(Affected land is defined as the land area where overburden has been removed for mining, overburden storage area, or both)

What is the intended post-mining land use? (check all that may apply)

Use	Estimated Acreage	Use	Estimated Acreage
____ 1. Pasture	_____	____ 6. Commercial/Industrial	_____
____ 2. Farmland	_____	____ 7. Wildlife Habitat	_____
____ 3. Forest	_____	____ 8. Recreation	_____
x 4. Lake or Pond	14	____ 9. Other	_____
____ 5. Residential	_____		

K.S.A. 49-611. (a) An operator authorized under this act to operate a mine, after completion of mining operations and within the time specified in K.S.A. 49-613, shall:

(1) Grade affected lands except for impoundments and pit floors to slopes no steeper than one foot vertical rise for each three feet of horizontal distance. Where the original topography of the affected land was steeper than one foot of vertical rise for each three feet of horizontal distance, the affected lands may be graded to blend with the surrounding terrain. The grading of high banks of sand pits and highwalls may be modified or exempted by the Director.

(2) Provide for the vegetation of the affected lands, except for impoundments, pit floors, and highwalls, as approved by the Director before the release of the bond as provided in K.S.A. 49-616.

I understand under Kansas law I am required to reclaim mined land after completion of mining operations unless a variance is granted by the Director or their designee of the Division of Conservation under authority granted in K.S.A. 49-611 (d). ____ **Initial**

GRADED SLOPES AND FILL AREAS ARE REQUIRED TO BE VEGETATED TO PREVENT EROSION AND SOIL LOSS. Vegetation may include grasses, forbs, legumes, shrubs and trees. Division of Conservation suggests the operator use the grass mixtures recommended by the Natural Resources Conservation Service/ County Conservation District, or KSU Extension for the area.

Please indicate the type or species of grass or other vegetation that will be planted on the reclaimed land:
☐ Brome ☐ Fescue ■ Native Grass ☐ Other

Topsoil: K.S.A. 49-611. (c) Topsoil that is a part of overburden shall not be buried or destroyed in the process of mining.

I understand that topsoil will not be buried or destroyed in the process of mining. ____ **Initial.**

An approximately equal amount of topsoil that was on the site prior to mining must be placed over the areas to be seeded after mining. Do you plan to remove any of the topsoil from the site? _____ **Yes** x_____ **No**
If yes, then state the approximate amount of topsoil to be stockpiled for reclamation on site._____

Certain topsoil reclamation requirements under K.S.A. 49-601 through 624 may receive a variance by the Director or their designee of the Division of Conservation.

When mining is complete, final reclamation planning should occur in consultation with the DOC before beginning reclamation work.

SET-BACK DISTANCE FROM ADJOINING PROPERTY

Although not part of the Surface Mining Land Reclamation and Conservation Act, this statute applies to landowners with land that is mined. The set-back distance should also be enough to allow for the required 3:1 slope of affected mine land to be achieved when shaping is required.

K.S.A. 49-501. Limits on excavation of certain land; civil remedies for violations.

(a) From and after the effective date of this act, land which is located outside the limits of any incorporated city and which is not zoned or is zoned for agricultural use shall not be excavated for limestone mining or quarrying purposes unless there is, for each foot of depth excavated, at least one foot of unexcavated land between the excavation and the property line of the person who owns the land being excavated. The requirement for maintenance of unexcavated land along a property line shall not be required if adjoining lands upon both sides of such property line are being excavated for such purpose.

(b) The commission of any act in violation of subsection (a) shall render the violator liable to the adjoining landowner for the payment of a civil penalty of $1,000 plus actual damages and reasonable attorney fees, recoverable in an action brought by the adjoining landowner.

RECLAMATION REQUIREMENTS

Grading: Shall be completed within **6 months** after receipt of the Final Surface Mining Completion Report.

Seeding: Shall be completed within **one year** or after conclusion of grading, considering optimal seeding time, spring or fall.

Vegetation establishment: Shall be completed in **one to three years**, depending upon vegetation type and/or the amount of rainfall and weather conditions. Each operator shall allow the seeded vegetation at least one year to become established before filing a *Reclamation Approval Request* form.

Natural Resources Conservation Service (NRCS) – *Provides seeding recommendations and conservation planning at no cost. The county Conservation District is normally co-located with the NRCS and can provide a list of grass seeding contractors in your county and often sell grass seed.*

K.A.R. 11-8-7. Reclamation requirements. Reclamation of affected lands shall meet the following standards, in addition to the standards listed in K.S.A. 49-611, and amendments thereto.

(a) Affected lands shall be graded to allowable slopes within six months after filing the final report for the site.

(b) In grading the affected lands, all mining-related waste products and machinery incompatible with the care and growth of vegetation shall be removed from the affected lands. Boulders and stones incompatible with the proposed post-mining use of the site shall be buried or removed from the site.

(c) Topsoil and overburden, or if topsoil was not present initially, then overburden only, shall be preserved in an amount specified in the reclamation plan on the site for reclamation of affected lands.

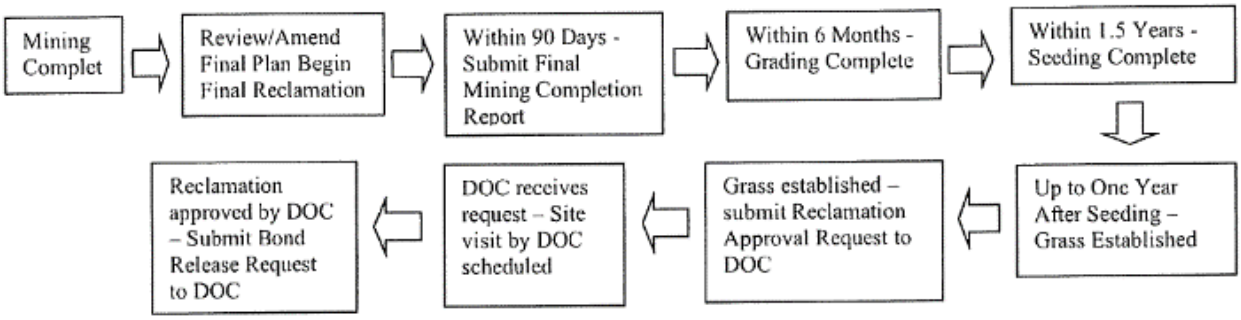
(d) Within one year following the conclusion of all earthwork, seeding of all areas in which vegetation is to be provided shall be completed to the extent permitted by weather and planting requirements.

(e) Erosion control methods shall be used where necessary to prevent rill and gully formation.
(f) Each operator shall allow the seeded vegetation at least one year to become established before filing a release request.
(g) A variance from the requirements of sub-sections (a), (d) and (f) of this regulation, may be granted by the Director or their designee of the Division of Conservation if the operator submits a written request at least 30 days before the initiation of affected reclamation activities. (Authorized by K.S.A. 49-623; implementing K.S.A. 49-611; effective June 19, 1995.)

I understand that under Kansas law, after completion of mining operations, I am required to reclaim mined land in accordance with the standards identified in the reclamation plan unless a variance is granted by the State Conservation Commission under authority granted in K.S.A. 49-611 (d) and K.A.R. 11-8-7. ____ Initial

RECLAMATION PROCESS

Within 3 years after the mining completion report is filed with the DOC all reclamation must be completed. K.S.A. 49-613(a).



By checking the box, I acknowledge that I have read the above statement and do hereby demonstrate my understanding and agreement to abide by these guidelines. ☐

SIGN REQUIREMENTS

K.S.A. 49-607. Signing of Site (c) A mine site registered pursuant to this section or K.S.A. 49-616 shall have, at the primary entrance to the mine site, a clearly visible sign which sets forth the name, business address and phone number of the operator. Failure to post and maintain a sign as required by this subsection, within 30 days after notice from the Executive Director, invalidates the registration.

By checking the box, I acknowledge that I have read the above statement and do hereby demonstrate my understanding and agreement to abide by these guidelines. ☐

LR-3
Page 5 of 5

RECLAMATION MAP REQUIREMENTS

Location Maps should be aerial photographs or enlarged topographic maps of the entire mine area and of a scale sufficient to clearly illustrate the following:

(1) Outline of the registered site detailing the affected areas, incremental mining areas;
(2) Outline of the stockpile area;
(3) Outline of the overburden stockpile areas;
(4) Outline of the settling ponds;
(5) Location of plant sites or processing areas;
(6) Location of roads both existing and planned on-site; and
(7) Location of planed and existing on-site buildings.
(8) The proposed final limits of the excavation, during the number of years for which the permit is requested.

Map Sources:
Google Maps
Google Earth
CAD Drawings

By checking the box, I acknowledge that I have read the above statement and do hereby demonstrate my understanding and agreement to abide by these guidelines. ☒

SIGNATURES

Operator responsible for reclamation:

As a representative of the above-named company, I certify that the above information is correct to the best of my knowledge, and that the above-named company/county has the authority to operate a mine on the site listed above, and that the above-named company/county has complied with all local, state, and federal requirements pursuant to K.S.A. 49-607(7).

First Name Tim **MI** _____ **Last Name** Anderson

Title Co-Owner - 1880 Enterprises, LLC **Date** 29 JAN 24

Signature _____

E-mail Tim@extremerr.com **Telephone** 913-634-5204

DIVISION OF CONSERVATION APPROVAL

_____ Date 2-8-2024
Mined Land Reclamation Program Manager
Division of Conservation, KDA

Notes:

Submit this form to: **Kansas Department of Agriculture, Division of Conservation, Mined Land Reclamation Program, 1320 Research Park Drive, Manhattan, Kansas, 66502** OFFICE 785-564-6620 FAX 785-564-6778

LR-4 (Rev. 10/21)

Kansas
Department of Agriculture
Division of Conservation

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KS Dept of Agriculture

Mined Land Reclamation Program

SURETY BOND

Know all men by these presents, that 1880 Enterprises, LLC (Company/ Principal), 24-324 (License Number) of the County of Jackson, State of Missouri, and Fidelity and Deposit Company of Maryland (The Surety) as surety are firmly bound unto the State of Kansas, Kansas Department of Agriculture, Division of Conservation, Bond Number 9447258, effective date February 2, 2024, expiration date (if any) until cancelled, in the penal sum of $ 22,800.00 lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators, or successors, and assigns, jointly and severally, firmly by these presents.

The condition of this obligation is that whereas the above bounden principal proposes to conduct mining operations in and upon land situated within the State of Kansas, and more particularly described in the attachment to this bond, said land being registered pursuant the K.S.A. 49-608 and including such registered lands and adjoining lands affected by the mining activities of the principal or his agents.

This assignment is to be a continuing one with full power of substitution.

Bond amounts are as follows:
$400 per acre for sand and gravel mining operations
$600 per acre for all other types of mining operations

Bond requirements:
Company Name
License Number
Financial Institution
Bond Number
Amount of Bond
Effective Date of Bond
Expiration Date of Bond
Sites that Bond is Assigned To
Bond is to be assigned to Kansas Department of Agriculture/Division of Conservation

Please check the box notating that the Bond is attached and meets the above-listed requirements. ☒

LR-4

Please list the site registration information for all sites to be operated under this Bond

SITE INFORMATION

Site No.	Site Name	County	Legal Description					East/ West	Acres Bonded
			Q		S	T	R		
#1 TBD	1880 Block Quarry	Miami	S	E	27	18S	23		38 Acres

Now, therefore, if the above principal shall fully comply with all of the provisions of K.S.A. 49-611 and the administrative regulations of the Kansas Department of Agriculture Division of Conservation with respect to the reclamation and conservation of the lands affected by mining operations of the principal or the principal's agents and other lands registered pursuant to K.S.A. 49-607, then this obligation shall be void, otherwise the same shall remain in full force and effect on and after February 2, 2024 (Date).

This bond may not be canceled by the surety without at least 90-day written notice to the Division of Conservation. Additionally, this bond may not be released and shall continue in full force and effect with respect to lands which have become "affected lands" under the provisions of K.S.A. 49-607 prior to the expiration of the 90-day notice period.

Company/Principal Representative

As a representative of the above-named company, I certify that the above information is correct to the best of my knowledge, and that the above-named company has the authority to operate a mine on the sites listed on page 2, and that the above-named company has complied with all local, state, and federal requirements pursuant to K.S.A. 49-607(7).

First Name Aaron **MI** _____ **Last Name** Shimmel

Title 1880 Block Quarry Representative **Date** 01/10/2024

Signature Aaron Shimmel, PE Digitally signed by Aaron Shimmel, PE DN: C=US, E=ashimmel@clarkeconstruction.com, O=Clarkson Construction Company, CN="Aaron Shimmel, PE" Date: 2024.01.10 16:20:45-06'00'

Financial Institution (To be completed by bank or surety)

Name of Financial Institution Fidelity and Deposit Company of Maryland

Street Address 1 1299 Zurich Way

Street Address 2 5th Floor

City Schaumburg **State** IL **Zip** 60196-1056

First Name Debra **MI** J **Last Name** Scarborough

Title Attorney-in-Fact **Date** February 2, 2024

Signature _____
(Bank Official or Surety Attorney-in-Fact)

Please submit this form and Bond to:
Kansas Department of Agriculture, Division of Conservation, Mined Land Reclamation Program
1320 Research Park Drive, Manhattan, KS, 66502
OFFICE 785-564-6620 FAX 785-564-6778

For Division of Conservation Use Only

Accepted by _____ **Date** 2-8-2024

Title Director

ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by Robert D. Murray, Vice President, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint Debra J. SCARBOROUGH, Kellie A. MEYER, Christy M. BRAILE, Mary T. FLANIGAN, Tahitia M. FRY, Rebecca S. LEAL, C. STEPHENS GRIGGS, Lauren SCOTT, Veronica LAWVER, Danielle R. CAPPS, Kristin D. THURBER, Patrick T. PRIBYL, Evan D. SIZEMORE, Jeffrey C. CAREY, Charles R. TETER, III, Hillary D. SHEPARD, Erin C. LAVIN, Mariana WALKER, all of Kansas City, Missouri, its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings,** and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND,** this 6th day of December, A.D. 2023.

ATTEST:
ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

By: Robert D. Murray
Vice President

By: Dawn E. Brown
Secretary

State of Maryland
County of Baltimore

On this 6th day of December, A.D. 2023, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Robert D. Murray, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Genevieve M. Maison

GENEVIEVE M. MAISON
NOTARY PUBLIC
BALTIMORE COUNTY, MD
My Commission Expires JANUARY 27, 2025

Authenticity of this bond can be confirmed at bondvalidator.zurichna.com or 410-559-8790

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify of revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 2nd day of February, 2024.

Thomas O. McClellan
Vice President

TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:

Zurich Surety Claims
1299 Zurich Way
Schaumburg, IL 60196-1056
reportsfclaims@zurichna.com
800-626-4577

Authenticity of this bond can be confirmed at bondvalidator.zurichna.com or 410-559-8790

LR-5 (Rev. 10/21)

RECEIVED
FEB 0 8 2024
KS Dept of Agriculture

Kansas
Department of Agriculture
Division of Conservation

Mined Land Reclamation Program

MINE SITE TRANSFER

(To be completed for transferring or selling companies/counties)

Change in Reclamation Responsibility (Form LR-5A) must be completed and submitted with this form.

This form is very important because it will identify who will be responsible for any reclamation to be completed, as well as the designation of a transfer or sale of the mine site. This can be a costly transfer if it is not negotiated in the contract. It is required that signatures are notarized for BOTH parties involved in the transfer to indicate licensing, registration, bonding, and reclamation responsibility.

[X] Please check here if you are a County

Transfer Company/County Name Miami County Road + Bridge (Transferring/Selling Company/County) License Number 95-110

Street Address 1 23765 W 327th Street Telephone (913) 294-4377

Street Address 2 _____

City Paola State KS Zip 66071 Fax _____

SITE INFORMATION

Site No.	Site Name	Affected Acres		County	Legal Description					East/ West	Acres Bonded
		Transferred	Sold		Q		S	T	R		
1	Block	14		Miami	S	E	27	18S	23		N/A

FEES – check applicable boxes *(to be paid by transferring/selling company)*:

- [ ] 1. No mining was ever conducted – no fees required
- [X] 2. County – exempt from fees
- [ ] 3. Site fees:
  - a. Cancel Registration (previous year's production fee):
    - Total tons sold or consumed _____ X .003/ton = _____
    - Total affected acres _____ X $45.00/acre = _____

TOTAL FEES PAID _____

LR-5
Page 2 of 3

I, Eric C. Sandberg as a representative of the above-mentioned transferring/selling company/county, certify that the information on page one is correct to the best of my knowledge, that the above-mentioned transferring/selling company/county has the authority to transfer or sell a mine on the site listed above, and that the above-mentioned transferring/selling company/county has complied with all local, state and federal requirements pursuant to K.S.A. 49-607-7.

Change in responsibility is as follows (check applicable boxes):

- ☐ Sale of Mine Site
- ☒ Transfer of Mine Site
- ☒ Change in Reclamation Responsibility

First Name Eric MI C Last Name Sandberg

Title Road and Bridge Director Date 1/30/2024

Signature

State of Kansas
County of MIAMI

This instrument was acknowledged before me on January 30, 2024 *(date).*

Signature of Notarial Officer Kristie Reitinger

Seal & Appointment Expiration:

KRISTIE REITINGER
Notary Public, State of Kansas
My Appointment Expires
6/22/2026

ACCEPTANCE by receiving company/county of Mine Site Transfer. I accept the responsibility of this mine site from this date forward. I also will assume the responsibility of registering this site, submitting a new Reclamation Plan, as well as assuring that the mine site will be property bonded.

Change in responsibility is as follows (check applicable boxes):

- ☐ Sale of Mine Site
- ☒ Transfer of Mine Site
- ☒ Change in Reclamation Responsibility

Date 1/10/2024

Name Tim (First) Anderson (Last) Title Co-Owner - 1880 Enterprises, LLC

Company/County 1880 Enterprises, LLC License # 24-324

Street Address 1 1215 W. 12th Street, Suite 250 Telephone 913-634-5204

Street Address 2

City Kansas City State MO Zip 64101 Fax

Signature E-mail tim@extremerr.com

State of Missouri
County of Platte

This instrument was acknowledged before me on 1/10/24 *(date).*

Signature of Notarial Officer: Paula Louise Wolf

Seal & Appointment Expiration: 4/19/26

PAULA LOUISE WOLF
NOTARY PUBLIC, NOTARY SEAL
STATE OF MISSOURI
PLATTE COUNTY
COMMISSION # 18831759
MY COMMISSION EXPIRES: 04/19/2026

Please submit this form and a payment for fees to:
Kansas Department of Agriculture
Division of Conservation
Mined Land Reclamation Program
1320 Research Park Drive
Manhattan, Kansas, 66502.
Make check payable to State of Kansas.
OFFICE 785-564-6620 FAX 785-564-6778

For Division of Conservation Use Only

Approved by (print) STEVEN K. FROST Date 2-8/2024

Signature [signature] Title DIRECTOR

LR-5A (Rev. 10/21)

RECEIVED
FEB 08 2024
KS Dept of Agriculture

Kansas
Department of Agriculture
Division of Conservation

Mined Land Reclamation Program

CHANGE IN RECLAMATION RESPONSIBILITY

(To be completed by company/county transferring reclamation responsibility)

Mine Site Transfer (Form LR-5) must be completed and submitted with this form.

This form is very important because it will identify who will be responsible for any reclamation to be completed. This can be a costly transfer if it is not negotiated in the contract. This form is to have signatures notarized for BOTH parties involved in the transfer to indicate reclamation responsibility.

Transferring Company/County Name Miami County Road + Bridge Dept **License #** 95-110
(Company/county transferring reclamation responsibility)

Street Address 1 23765 W 327th Street

Street Address 2

City Paola **State** KS **Zip** 66071

E-mail esandberg@miamicountyks.org

Telephone (913) 294-4377 **Fax**

Please check the box to ensure that both the transferring and new company have notarized signatures:
☒ Transferring Company ☐ New Company

SITE INFORMATION

Site No.	Site Name	Affected Acres		County	Legal Description				East/ West	Acres Bonded
		Transferred	Retained		Q	S	T	R		
1	Block	14		Miami	S E	27	18S	23		N/A

LR-5A
Page 2 of 2

I, Eric C Sandberg as a representative of the above-named company/county, certify that the above information is correct to the best of my knowledge, that the above-named company/county has the authority to change the responsibility of reclaiming a mine on the site listed above, and that the above-named company/county has complied with all local, state and federal requirements pursuant to K.S.A. 49-607-7.

First Name Eric MI C Last Name Sandberg

Title Road and Bridge Director Date 1/30/2024

Signature [signature]

State of Kansas
County of MIAMI

This instrument was acknowledged before me on January 30, 2024 *(date).*

Signature of Notarial Office [signature]

Seal & Appointment Expiration: KRISTIE REITINGER Notary Public, State of Kansas My Appointment Expires 6/23/2026

ACCEPTANCE by company assuming reclamation responsibility. I accept reclamation responsibility on the site listed above. I also will assume the responsibility of registering this site, submitting a new Reclamation Plan, as well as assuring that the mine site will be properly bonded.

Name Tim (First) Anderson (Last) Title Co-Owner - 1880 Enterprises, LLC

Company/County 1880 Enterprises, LLC License # 24-324

Street Address 1 1215 W. 12th Street, Suite 250 Telephone 913-634-5204

Street Address 2

City Kansas City State MO Zip 64101 Fax

Signature [signature] Date 1/10/2024

State of Missouri
County of Platte

This instrument was acknowledged before me on 1/29/24 *(date).*

Signature of Notarial Officer Paula Louise Wolf

Seal & Appointment Expiration: 4/19/26

PAULA LOUISE WOLF NOTARY PUBLIC, NOTARY SEAL STATE OF MISSOURI PLATTE COUNTY COMMISSION # 18831759 MY COMMISSION EXPIRES 04/19/2026

Please submit this form to: Kansas Department of Agriculture, Division of Conservation, Mined Land Reclamation Program
1320 Research Park Drive, Manhattan, Kansas, 66502.
OFFICE 785-564-6620 FAX 785-564-6778

For Division of Conservation Use Only

Approved by (print) Steven K. Frost Date 2-8-2024

Signature [signature] Title Director

STATE OF KANSAS
DIVISION OF CONSERVATION
KANSAS DEPARTMENT OF AGRICULTURE

1880 Enterprises, LLC **License No. 24-324**

Be it known, that the above-named, having properly filed application with the Division of Conservation, according to the provision of K.S.A. 49-605, is hereby authorized to mine rock, minerals and industrial materials, other than coal, oil & gas.

License must be posted in a conspicuous place and is not transferable.

EXPIRATION DATE: December 31, 2024 **EXECUTIVE DIRECTOR**

Appendix F – Safety and Security Plan

Appendix G – Clarkson Construction Quality Control Systems Manual

Appendix H – Master Equipment List

2008 – Present

Attachment 2- Table C **Master Equipment List (MEL)**

Non-Metallic Mineral Processing Plant

Company Name:

Source ID: **Date of Update:**

Equipment manufactured, modified, or reconstruction after April 22, 2008

Equipment Description	Capacity/Size	Manufacturer (Model)	Date of Manufacture*	Serial Number	Company Number	NSPS OOO Applies	Opacity Limit (see below)	Compliance Test Date	5 Year Test Required
EXCAVATOR	80,500#	Cat 336	2021	00336VYBN10936	5379	NO	-	-	-
TRACK LOADER	44,771#	Cat 963K	2019	0963KJLBL01027	1826	NO	-	-	-
HAUL TRUCK	65,960#	JD400D	2010	DW400DT623443	53502	NO	-	-	-
SKID STEER	11,900#	JD331G	2023	IT0331GMCPF443026	32101	NO	-	-	-
WHEEL LOADER	42,470#	JD744K	2016	IDW744KXJGF676260	1607	NO	-	-	-
CRUSHER	150,000#	ASTEC 4250	2024	420139	39890	YES	12%	2024	YES
CONVEYOR	-	CROSS TECH 3680	2024	80361970	39889	YES	7%	2024	YES

1983 – 2008

Equipment manufactured, modified, or reconstruction between August 31, 1983 and April 22, 2008

Equipment Description	Capacity/Size	Manufacturer (Model)	Date of Manufacture*	Serial Number	Company Number	NSPS OOO Applies	Opacity Limit (see below)	Compliance Test Date
DOZER	83,000#	Cat D8N	1995	5TJ02467	335	NO	-	-

Appendix I – SWPPP

Appendix J – Annual Water Quality Report

Appendix K – KDOT Crushed Limestone Official Quality Test Results

Kansas Department of Transportation 06/02/2023 08:13:55

Test Results Report Report v1

Sample ID: mattmc20230511035343 Sample Date: 05/04/2023

Control Number: CIT Witnessed:

Sampler: Matthew Mcdonald 04

Material Full Name: OFQLimestone, Crushed Limestone Official Quality

Source Name: 00805005

Facility Name:

Represented Quantity/ Units:

Intended Use:

Disposition Remarks: D-4 / Miami Co.
Block Quarry, Paola, KS
S27T18SR23E
Fontana SE1/4 WNRS? -1" Base Impact Primary-Total Production
MRC 23-0758 1-1 OFQ

Authorized by: Zachary Katzer Authorized Date: 06/02/2023

Signed Date

Test Number:	1	Test Method:	KT-02
Test Description:	Aggregate, Gradation		
Test Result Value:	COMP		
Lab ID:	Physical Tests Aggregate	Test Reviewer:	Zachary Katzer

Test Number:	1	Test Method:	OFQ Aggregates
Test Description:	Official Quality for Aggregates		
Test Result Value:	COMP		
Lab ID:	Physical Tests Aggregate	Test Reviewer:	Zachary Katzer

Sample ID: mattmc20230511035343 Page: 1 of 1

KDOT MRC Lab Report - Results

LAB # 23-0758 Date 6/2/2023

SOURCE ID # 805005 PRODUCER Block Quarry (Fontana)(Miami County)

AWP # mattmc20230511035343 LEGAL DESCRIPTION #N/A

TYPE OF TEST OFQ

RESULTS:

Gradation

1	0.75	0.5	0.375	4	8	16	30	50	100	200	GF#
0	11.2	43.6	67.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	6.66

Soundness

LOSS RATIO
0.94

KT-06 Proc 1

SP1. GR. DRY	SP1. GR. SAT.	APP SP1 GR	% ABS
2.478	2.559	2.695	3.2

KT-06 Proc 2

SP2. GR. DRY	SP2. GR. SAT.	APP SP2 GR	% ABS
0.000	0	0	0.0

LA WEAR 29 GRADE B

DEVAL 23.7 GRADE 1

NOTES:

Appendix L – Drill Log

APPENDIX L

Drill Log

Company Name: _____

Location: _____ Hole Diameter: _____

Blast Location/Number: _____ Sheet: _____ of _____

Hole Number	Row Number	Unconsolidated Material Top		Cracks, Caves, or Mudseams		Soft Seams	Hard Seams	Water	Other
lower bench → 1						7'-18'	0'-7' 18'-27'		
2						1'-10½'	0'-1' 10½'-22'		
upper 1						0'-7'	7'-27'		
2						0'-6'	6'-36'		
3						0'-2½'	2½'-31'		
4						0'-15'	15'-37'		

Appendix M – Blasting Info

STORM WATER POLLUTION PREVENTION PLAN
for
1880 BLOCK QUARRY

Annual Review Date: January, 2025

Prepared for:
1880 BLOCK QUARRY
Location: 37301 Hedge Ln Rd- Paola, KS 66071

Prepared by:

ENVIRONMENTAL CONSULTING SERVICES OF KS

SWPPP PLAN
CERTIFICATION INFORMATION

A. Facility Name: **1880 Block Quarry**

B. Facility Type: **Limestone Quarry and Crushing Plant**

C. Standard Industrial Classification (SIC):

D. Date Operations Initiated: **Existing Facility**

E. Operational Hours: **M-S 7 AM to 7 PM**

F. Facility Address: ***37301 Hedge Ln Rd- Paola, KS 66071***

G. Name and Address of Owner: **1880 Block Quarry**

H. Designated Person Responsible for Storm water Pollution Prevention (SWPPP Coordinator):

Wyatt Hale, Plant Manager

I. Management Approval Statement: I have reviewed the attached SWPPP Plan and hereby approve the attached plan and commit management to implementation of the plan.

Signature:_____ Assistant Project Manager Date: 1-15-2025

Gabe Dandar

QUICK SUMMARY

BEST MANAGEMENT PRACTICES (BMPS)

- Maintain berms, rock checks, and/or silt fences to prevent sediment runoffs
- Minimize/eliminate silt tracking outside of property by tires or runoff
- Observe and repair runoff erosions and provide additional ditch checks as needed
- Facility is a Zero-Process Water Discharge; avoid process water discharge(s)
- Daily address any oily substances that come to contact with the ground

INSPECTIONS (MONTHLY/QUARTERLY/3" RAIN EVENTS)

- Within 24 Hours of a 3" rain event complete an inspection
- At Outfalls 1, 2, and 3 at least once a quarter observe the quality of runoff including the presence of: colors, odors, lack of clarity, floating solids, settled solids, suspended solids, trash, oil sheen, or other such things
- Identify and if possible eliminate potential new outfalls

SPILL PREVENTION

- Contain/provide secondary containment(s) for all oily substances on site
- Cleanup any spills no matter how small immediately
- Report any reportable spills

TABLE OF CONTENTS

LIST OF APPENDICES

1.0 INTRODUCTION

This Storm Water Pollution Prevention Plan (SWPPP) is intended to compliment the facility's National Pollutant Discharge Elimination System (NPDES) Operating Permit by reducing water carried pollutants from discharging from the facility. A copy of the NPDES Operating Permit is included in **Appendix 1 and/or onsite**.

The purpose of the SWPPP is to describe the design, implementation, management, and maintenance of "Best Management Practices" (BMPs) used to control and minimize the amount of potential contaminants associated with the operation of a limestone rock quarry industry that may enter the storm water . Proper SWPPP implementation is designed to maintain compliance with the regulations related to storm water pollution prevention and to ensure compliance with company standards.

This SWPPP should be used during daily operations and will be amended as appropriate during the term of the operation.

If additional activities associated with the above named operations generate storm water and contribute to the potential discharge of pollutants, the operators of those sub-processes shall follow the provisions of this SWPPP.

The BMPs in this SWPPP have been developed based on guidance provided in the following documents:

a. Developing your storm water pollution prevention plan, a guide for Industrial Operators (EPA Document 833-B-09-002) February 2009
b. Best Management Practices for Erosion and Sediment Control (US DOT Report No. FHWA-FLP-94-005)
c. Protecting Water Quality: A field guide to erosion, sediment and storm water best management practices for development sites in Missouri, published by the Missouri Department of Natural Resources

2.0 PROJECT DESCRIPTION

2.1 Site Location

The facility is located in **Miami** County, Kansas **(**SECTION 27, TOWNSHIP 18S, RANGE 23EOHNSON COUNTY**)**. **Figure 1**, included in **Appendix 2** is a Map that shows the location of the facility.

Outfalls shown on **Figure 1** may be added or deleted following notification of Kansas Department of Health and Environment (KDHE). Notification should include a revised **Figure 1** identifying the added or deleted outfalls. The revised **Figure 1** must also be added to this SWPPP.

The addition of a new outfall requires an Alternative Analysis (AA) of Best Management Practices (BMP). The AA is addressed in **Section 5** of the SWPPP.

2.2 Facility

The facility consists of ***a Limestone Quarry and Crushing Plant and ancillary equipment, gravel haul roads and stockpile areas, maintenance areas, fuel Above Ground Storage Tank(s), equipment parking areas and shop/office building(s).*** The facility normally operates 6 days per week from approximately 7 AM until 7 PM. Personnel are on site continuously during operating periods when the facility is open for business.

The facility occupies approximately 50 acres for its plant in addition to the Offices/buildings and parking lots. Approximately 10% of the property is currently in permanent paved, building, & or vegetative cover (grass, trees and shrubs). A facility layout showing these features and location of BMPs is depicted in **Figure 1** (located in **Appendix 2**).

Land use surrounding the site is described as agricultural.

The Figure 1 show the general topography of the facility and storm water flows to the outfalls.

3.0 FACILITY OPERATIONS

3.1 Description of Potential Contaminants

The facility utilizes and stock piles aggregates and other open raw materials, and stores fuel that are subject to the storm water and potentially can contaminate the runoff quality.

Description of Exposed Material	Period of Exposure	Quantity Exposed	Location	Method of Storage	Description of Material Management Practice
Aggregate	*Year Round*	*< 550,000 Tons*	*Stockpile Areas*	*Pile*	*Berm/Sed. Trap*
Fuel	*Year Round*	*See SPCC Plan*	*See SPCC Plan*	*AST*	*See SPCC Plan*
Motor/Lube Oils	*Year Round*	*See SPCC Plan*	*See SPCC Plan*	*See SPCC Plan*	*See SPCC Plan*

3.2 Description of Past Spills/Leaks

The facility has not had a significant spill within the past three years. Significant spills and leaks include, but are not limited to, releases of oil or hazardous substances in excess of quantities that are reportable under CWA Section 311 (see 40 CFR 110.6 and 40 CFR 117.21) or Section 102 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 USC §9602. Appendix 3 provides a form to be used to identify significant spills. This list should be updated with any spills

3.3 Pollution Prevention Team

LEADER:

Leader: Mr. Gabe Dandar Title: SWPPP Coordinator

Telephone: (913) 777-1473 Office: (816) 483-8800

Responsibilities: Delegates or provides emergency response coordination, coordinates employee training, maintains records, obtains storm water samples when required, and delegates or conducts inspections, notifications, & implements all phases of the SWPPP.

MEMBERS (Facility Staff As Needed and Assigned):

Name: Wyatt Hale Title: Plant Manager

Telephone: 660-464-0864

Responsibilities: Alternate emergency response coordinator, assist team leader in ensuring implementation of all phases of the SWPP, day to day monitoring of all BMP's.

3.4 General Provisions

Several general provisions are included within the permit:

- If vehicle or equipment washing/rinsing is conducted at the facility or other similar process wastewater is generated, the operator shall prevent the resulting wastewater to discharge in order to meet the effluent limitations and other permit conditions.
- If dumping or disposal of waste asphalt products, or waste rock is conducted at the facility, the operator shall prevent the material from entering waters of the state. Runoff or leachate from these activities must be treated prior to release from the site. Discharging these materials into waters of the state during off site activities is also prohibited.
- The operator shall prevent the spillage or loss of fluids, oil, grease, fuel, etc. from vehicle maintenance, equipment maintenance, or warehousing activities and thereby prevent the contamination of storm water from these substances.
- If hazardous wastes are transported, stored, or used for maintenance, cleaning or repair, they will be managed according to the provisions of the Hazardous Waste Laws and Regulations.
- The operator shall designate an individual as responsible for environmental matters at the facility who will serve as a contact for the department. This is the person whose name is on the permit application as “facility contact”, and if the person changes, KDHE should be notified.
- The operator shall maintain records of all pumped discharges that enter surface waters of the state; currently we are committed not to do so. If so, these records must include an estimate of the volume, the date and time(s), and the location of each discharge.

3.5 Discharges

Discharges from storm water runoff and vehicle and equipment wash water (without any detergents, acids, caustics, solvents, or other additives) are allowed; currently we are committed not to do so. Vehicle and equipment washing with detergents, acids, caustics, solvents, or other additives is authorized if the wastewater is not discharged. This means that the wash water with said additives must not enter settling basins or other treatment device unless such devices are designed and operated to be no-discharge. It must soak into the ground, evaporate, or be contained in a tank on site. Wash water containing hazardous wastes does not occur at this site, otherwise it must be disposed of in accordance with applicable hazardous waste regulations.

This permit does not authorize discharges of waste material into waters of the state. This permit does not authorize discharges to waters of the state from any location other than the outfall(s) described on page one of the permit. Should there be any waste concrete from delivery trucks, it shall be washed into a dedicated shallow depression or other device designed to capture the concrete and allow it to dry. Washing waste concrete into waters of the state or in a location where it is likely to enter waters of the state, such as a drainage ditch, is prohibited by State Law and Regulations.

3.6 Monitoring and Reporting

Non-storm water discharges are those caused by something other than storm water runoff and include pit dewatering, vehicle and equipment wash water and all dry-weather

discharges from processing plants. The non-storm water discharge parameters may be required (see **Appendix 1**) to be monitored or collected and analyzed. If required submit the results of the monitoring and sampling to KDHE as required.

If and when required Storm water samples should be collected. Samples will be collected prior to or at the property boundary or before the discharge enters waters of the state on the property.

4.0 BEST MANAGEMENT PRACTICES (BMPS)

This plan is based on the use of BMPs to control and minimize the amount of potential contaminants that may impact storm water. **Figure 1** in **Appendix 2** shows the BMP locations used at the facility and below is a brief description of BMPs. Additional information about each BMP to be used on site may be included in **Appendix 4 and 5**. Since the physical character of the facility will be modified as new material is exposed and removed, implementation of additional BMPs may be considered throughout the life of the operation.

4.1 Site Grading

Runoff from the facility will be treated with BMPs where applicable. BMPs will be located down grade from the facility activities. If new areas of disturbed land are opened at the facility, runoff patterns will be modified so that sediment and pollutants will be controlled through a series of erosion control devices on the property. This SWPPP should be implemented concurrently with or prior to clearing activities.

4.2 Temporary and Permanent Non-Structural BMPs

Existing vegetation should be preserved wherever practical. The time that disturbed areas are without vegetative cover should be minimized. Non-structural BMPs that are used include preservation of trees and mature vegetation, protection of existing vegetation for buffer strips along drainage courses, mulching, sodding, temporary seeding, geotextiles, preserving existing stream channels as overflow areas when channel straightening or shortening is allowed, soil stabilization emulsions and tackifiers, mulch tackifiers, and stabilized site entrances and exits. If additional erosion is detected, potential non-structural BMPs that may be used include protection of existing vegetation for buffer strips along drainage courses, mulching, sodding, temporary seeding, geotextiles, preserving existing stream channels as overflow areas when channel straightening or shortening is allowed, soil stabilization emulsions and tackifiers, and mulch tackifiers.

In some cases revegetation may be a suitable stabilization practice. Vegetation reduces erosion potential in four ways by:

(1) Shielding the erodible surface from the direct erosive impact of raindrops
(2) Improving the water storage porosity and capacity so more water can infiltrate into the ground
(3) Slowing the runoff and allowing the sediment or fines to become deposited on site
(4) Physically holding the soil in place with plant roots

4.3 Temporary and Permanent Structural BMPs

Temporary and permanent structural BMPs will be considered throughout the life of the operation. The structural BMPs in place include diversion of storm water runoff away from disturbed and stockpile areas, silt fences consisting of either filter fabric fences or straw bale fences, diversion dikes, drainage swales, sediment traps, rock check dams, subsurface drains to gather or transport water for surface discharge elsewhere, pipe slope drains to carry concentrated flow down a slope face, level spreaders to create sheet flow conditions, rip-rap or gabions, rock filter bags for curb sewer drains, and other temporary BMPs. If additional erosion is detected, potential structural BMPs include diversion of storm water runoff away from disturbed and stockpile areas, silt fences consisting of either filter fabric fences or straw bale fences, diversion dikes, drainage swales, sediment traps, rock check dams, subsurface drains to gather or transport water for surface discharge elsewhere, pipe slope drains to carry concentrated flow down a slope face, level

spreaders to create sheet flow conditions, rip-rap or gabions, rock filter bags for curb sewer drains, and other temporary or permanent structural BMPs.

4.4 Sedimentation Basins

A sedimentation basin that is used as a BMP must be properly designed and maintained. Accumulated sediment should be removed from a sediment basin as needed to ensure proper operation. Discharges from any sediment basin should not cause scouring of the banks or bottom of the receiving stream. A sediment basin should be maintained until the disturbed area served by the basis is permanently stabilized.

4.5 Additional BMPs

The following are the minimum BMPs that must be implemented at the facility:

- Collection facilities will be provided on site, and arrangements for proper disposal of waste products which may be exposed to storm water.
- The operator shall provide sediment and erosion control sufficient to prevent pollution and comply with effluent limitations established in the storm water permit (located in **Appendix 1**). The operator shall not allow mined material or overburden to enter waters of the state as necessary to meet effluent limitations and benchmarks provided in the permit.
- If fueling facilities are present on the site, applicable federal and state regulations concerning underground storage, above ground storage, and dispensers, including spill prevention control and counter measures.
- All waste products (except fuels), and storage containers (such as drums, cans or cartons) shall be stored so that these materials are not exposed to storm water. Drums, barrels, tanks and similar containers that are sealed without operational taps or valves are not considered exposed to storm water. Commingled water may not be discharged under this permit. The operator shall provide spill prevention, control and/or management to prevent any spills of these pollutants from entering waters of the state. Any containment system used to implement this requirement shall be constructed of materials compatible with the substances contained and shall also prevent the contamination of groundwater.
- Good housekeeping practices will be maintained on the site to keep solid waste from entry into waters of the state.

4.6 Training

Training will be provided to all personnel involved in material handling and storage, and housekeeping of areas having materials exposed to storm water. This may be satisfied by in-house training provided by facility staff. Proof of training shall be submitted on request of KDHE. A draft outline of the training has been attached in **Appendix 6**. A blank form for documenting the training is included in **Appendix 7**.

5.0 ALTERNATIVE ANALYSIS

The Operating Permit requires the SWPPP to include an Alternative Analysis (AA) evaluation of BMPs for new outfall locations. The AA evaluation should include practices that are designed to be:

(1) Non-degrading water quality;
(2) Less degrading water quality; and
(3) Degrading water quality.

The chosen BMP will be the most reasonable and cost effective while ensuring that the highest statutory and regulatory requirements are achieved, and the highest quality is attainable for water discharged from the facility.

The AA evaluation must demonstrate why “no discharge” or “no exposure” is not a feasible alternative at the facility. The AA will be maintained in **Appendix 8**.

6.0 SITE INSPECTIONS

6.1 Inspection Frequency

The facility will be inspected on a regularly scheduled basis at least **once per quarter** to ensure that BMPs are properly maintained and effective. The inspections will be recorded in a brief written report.

These inspections shall be conducted by the person responsible for environmental matters at the site, or a person trained by and directly supervised by the person responsible for environmental matters at the site.

6.2 Inspection Objectives

The inspections must include observation and evaluation of BMP effectiveness, deficiencies, and corrective measures that will be taken. Deficiencies requiring minor repairs must be corrected **within 7 days**. Deficiency corrective actions that require additional time or installation of a treatment device will be detailed in the written notification which will include a timeline for the corrective actions. Installation of a treatment device, such as an oil water separator, will require a modification of the operating permit. Routine maintenance of BMPs will be documented in the monthly inspection report. Notification of routine maintenance is not required.

6.3 Inspection Report

A log of each inspection and copy of the inspection report must be retained on the site and made available to the KDHE upon request. A copy of an inspection report is included as **Appendix 9**. Completed inspection reports will be maintained in **Appendix 10**. The inspection report contains the following information:

- Inspector's name
- Date of inspection.
- BMP location and condition.
- Effectiveness of BMPs and problems.
- Any spills, leaks or maintenance needs of any of the structures or practices.
- Actions taken to or necessary to correct or repair the observed problems.
- Storm water discharge location erosion or sedimentation.
- List of areas where operations have permanently or temporarily stopped.
- Signature of the person designated within this SWPPP to conduct the inspections.

7.0 PROTECTION OF STREAMS, LAKES, PONDS, AND RESERVOIRS

In compliance with the Clean Water Law the site shall not pollute any waters of the state, or place, cause, or permit to be placed any water contaminant in a location where it is reasonably certain to cause pollution of any waters of the state. Also, they shall not discharge water contaminants into any waters of the state, which reduce the quality of these waters below the state's water quality standards. Unless a 404/401 permit has been received from the Army Corps of Engineers, no land disturbance activity will take place in jurisdictional waters of the U.S.

As water runs away from the site, eventually it will enter a stream, otherwise referred to "waters of the state". As stated in State regulations, no water contaminant, by itself or in combination with other substances, shall prevent the waters of the state from meeting the following conditions:

(a) Waters shall be free from substances in sufficient amounts to cause the formation of putrescent, unsightly or harmful bottom deposits or prevent full maintenance of beneficial uses;
(b) Waters shall be free from oil, scum and floating debris in sufficient amounts to be unsightly or prevent full maintenance of beneficial uses;
(c) Waters shall be free from substances in sufficient amounts to cause unsightly color or turbidity, offensive odor or prevent full maintenance of beneficial uses;
(d) Waters shall be free from substances or conditions in sufficient amounts to result in toxicity to human, animal or aquatic life;
(e) There shall be no significant human health hazard from incidental contact with the water;
(f) There shall be no acute toxicity to livestock or wildlife watering;
(g) Waters shall be free from physical, chemical or hydrologic changes that would impair the natural biological community;
(h) Waters shall be free from used tires, car bodies, appliances, demolition debris, used vehicles or equipment and solid waste.

The personnel or contractors hired by the site shall comply with these and any other federal, state, and local laws and regulations controlling pollution of the environment. To ensure that these general criteria are met, the following guidelines will be observed:

1) Machinery will be kept out of waterways and drainage ditches as much as possible;
2) Fuel, lubricants, debris and other water contaminants will not be stored in areas that are subject to contact with water (such as adjacent to stream banks or water conveyance ditches) or where contaminated runoff from the storage areas can enter waters;
3) Refueling of machinery will not take place in, or directly alongside, any water body or drainage way;
4) Clearing of vegetation/trees will be kept to the minimum required to operate the facility; and
5) Work shall conform to the conditions that are part of any Corps of Engineers Section 404 permit.

8.0 AMENDMENT OF SWPPP

The SWPPP will be amended and update as appropriate during the term of the operation. The SWPPP will be amended, at a minimum, whenever the:

- Design, operation, or maintenance of BMPs is changed;
- Design of the operation is changed that could significantly affect the quality of the storm water discharges;
- Inspections indicate deficiencies in the SWPPP or any BMP;
- KDHE notifies the site in writing of deficiencies in the SWPPP;
- SWPPP is determined to be ineffective in controlling and minimizing the amount of potential contaminants that may enter storm water ;
- Benchmark limits from a storm water outfall are exceeded;
- KDHE determines violations of Water Quality Standards that may occur or have occurred.

APPENDIX 1

NPDES Permit

See Attached Sheet for Instructions

NOTICE OF INTENT (NOI)
For Stormwater Runoff from Industrial Activity
Authorized by a Kansas Water Pollution Control General Permit
Under the National Pollutant Discharge Elimination System

Submission of this Notice of Intent constitutes notice that the party identified in Section I of this form desires to be authorized by an NPDES permit issued for stormwater runoff from industrial activity in the State of Kansas. Becoming a permittee obligates the discharger to comply with the terms and conditions of the Kansas NPDES Stormwater Runoff from Industrial Activity General Permit. **Completion of this NOI does not provide automatic coverage under the general permit. Coverage is provided, and discharge permitted when the Kansas Department of Health and Environment (KDHE) authorizes the NOI. A signed and dated copy of the authorized NOI will be provided to the owner or operator.** Upon authorization of the NOI, a Kansas permit number and a Federal permit number will be assigned to the industrial facility. ONLY COMPLETE NOI FORMS ACCOMPANIED BY THE $60 ANNUAL PERMIT FEE WILL BE PROCESSED. KDHE WILL NOTIFY PERSONS WHOSE NOI FORMS ARE INCOMPLETE, DEFICIENT, OR DENIED.

Please Print or Type.

I. FACILITY OWNER OR OPERATOR INFORMATION

Owner or Operator's Name: 1880 Enterprises, LLC
Contact Name: Gabe Dandar

Company Name: 1880 Enterprises, LLC
Company Name: 1880 Enterprises, LLC

Owner or Operator's Phone: (816) 512-9465
Contact Phone: (913)-777-1473

Mailing Address: 1215 W. 12th St., Suite 250
E-mail Address: gdandar@clarksonconstruction.co

City: Kansas City State: MO Zip Code: 64101

PERMIT FEE BILLING INFORMATION

Billing contact name: Gabe Dandar
Phone: 913-777-1473

Billing Address (if different):
Email Address: gdandar@clarksonconstruction.co

City: State: Zip Code:

II. FACILITY INFORMATION

A. LOCATION

Industrial Facility Name: Site Name: 1880 Block Quarry
Facility Contact Name: Gabe Dandar

Street Address: 37161 Hedge LN Road
Company Name: 1880 Enterprises, LLC

City: Paola State: KS Zip Code: 66071
Contact Phone: (913)-777-1473

County: Miami
E-mail Address: gdandar@clarksonconstruction.con

Physical Location: 38.4535/-94.8508

NW, SE	27	18S	23 ☒ E; □ W;	and	See Above	See Above
QTR QTR	Section	South, Township	Range		Decimal Degrees Latitude	Decimal Degrees Longitude

For Official Use Only:

Received	**Paid:**	**Accepted** □ Y; □ N
	Date:	
	Initials:	**Reviewer**
	Check No.:	**Date**
Authorized by:		
Secretary, Kansas Department of Health and Environment		**Date**
KS Permit No.	**Federal Permit No.**	

B. EXISTING CONDITIONS/USES

Is any part of the Facility located on Indian lands? ☐ Y; ☒ N

If yes, contact EPA Region VII regarding discharging stormwater runoff from industrial activities on Indian lands.

If stormwater runoff drains to or through a Municipal Separate Storm Sewer System; MS4 Name: Name of the first receiving water; stream; or lake: Marais Des Cygnes River River Basin: Marais Des Cygnes River

Are any Critical Water Quality Management Areas, Special Aquatic Life Use Waters, or Outstanding National Resource Waters located within 1/2 mile of the facility boundary? Marais Des Cygnes River ☒ Y; ☐ N

SIC/Activity Codes: Primary: 1422 Secondary (if applicable): _____ _____ _____

If this facility has another existing NPDES or Kansas Water Pollution Control permit(s). Enter the permit number(s): _____

C. FACILITY DESCRIPTION

Facility Description: Limestone surface mine quarry and crushing operations located in Miami County, Kansas.

Site map attached.

Is this a new facility? ☐ Y; ☐ N

Approximate total facility size 70 acres. Approximate size 70 acres of industrial development on site.

Provide an area location map that shows the boundaries of the industrial site and arrows showing direction(s) of stormwater flow from the industrial site to the first receiving water.

III. ANNUAL FEE

Enclose a check for the first year of the annual permit fee specified in K.A.R. 28-16-56 et seq. as amended. Make the check payable to "KDHE". Per K.A.R. 28-16-56, as amended. The current annual permit fee for this general permit is $60. An invoice for future annual permit fees will be sent to the identified billing contact person requesting a permit until such time as the permittee submits a Notice of Termination (NOT).

IV. NOI CERTIFICATIONS

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

I understand that continued coverage under the NPDES general permit for Stormwater Runoff from Industrial Activity is contingent upon maintaining eligibility as provided for in the requirements and conditions of the general permit, and paying the annual fee.

Gabe Dandar

Signature (owner, operator, or duly authorized representative)

8/12/2024

Date

Gabe Dandar

Name and Official Title (Please Print)

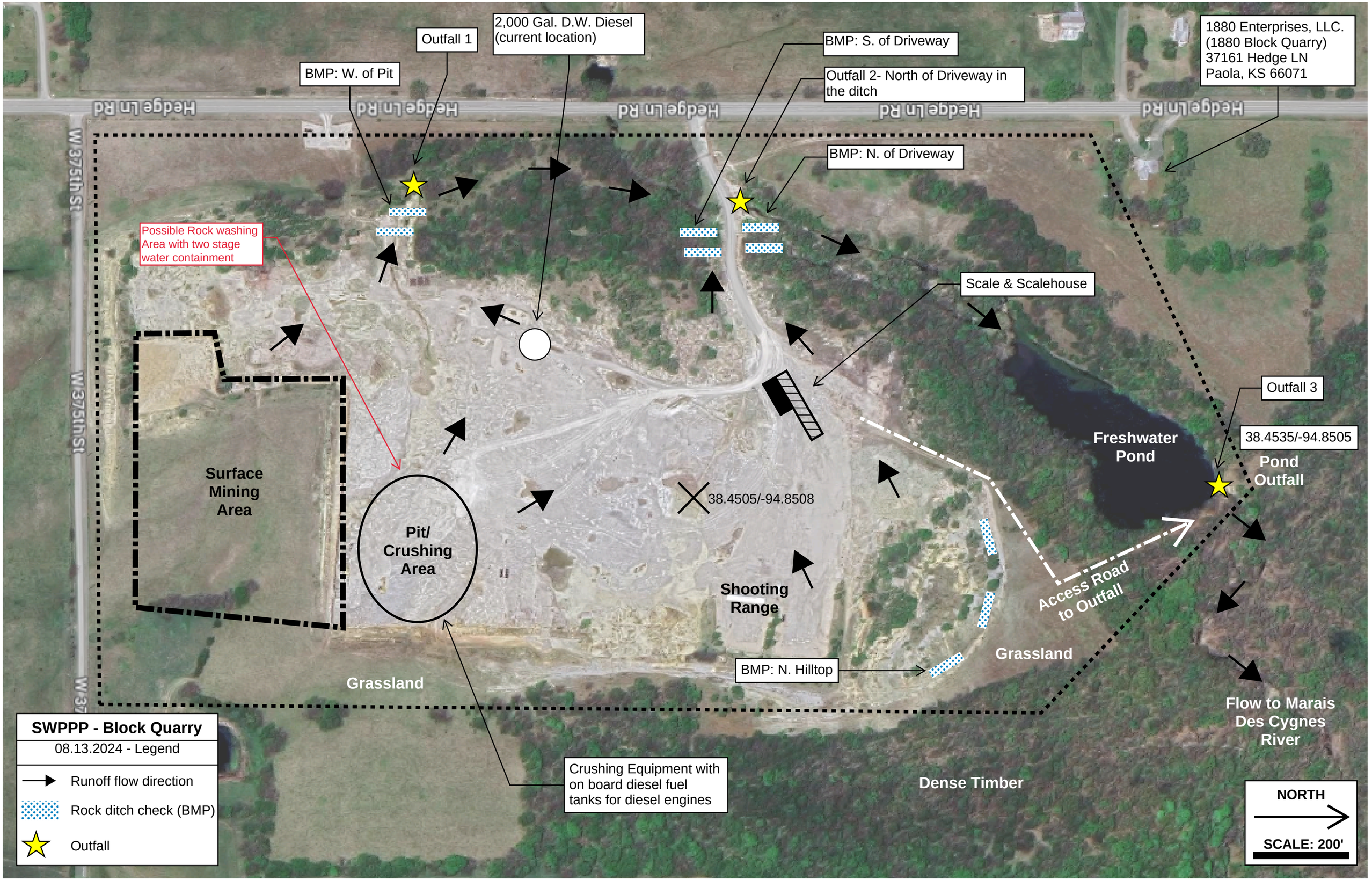
(Note: A copy of the permit can be obtained at www.kdheks.gov/stormwater)

Send completed form to:
Kansas Department of Health and Environment
Bureau of Water, Industrial Programs Section
1000 SW Jackson, Suite 420
Topeka, KS 66612 - 1367

KDHE Contact Information:
Phone: (785) 296-4347
E-mail: stormwater@kdheks.gov

APPENDIX 2

Figures


Hedge Ln Rd
Hedge Ln Rd
Hedge Ln Rd
Hedge Ln Rd
Hedge Ln Rd
W 375th St
W 375th St
Outfall 1
2,000 Gal. D.W. Diesel (current location)
BMP: W. of Pit
BMP: S. of Driveway
Outfall 2- North of Driveway in the ditch
1880 Enterprises, LLC.
(1880 Block Quarry)
37161 Hedge LN
Paola, KS 66071
BMP: N. of Driveway
Possible Rock washing Area with two stage water containment
Scale & Scalehouse
Outfall 3
38.4535/-94.8505
Pond Outfall
Freshwater Pond
Surface Mining Area
Pit/ Crushing Area
38.4505/-94.8508
Shooting Range
Access Road to Outfall
Grassland
Grassland
BMP: N. Hilltop
Flow to Marais Des Cygnes River
Crushing Equipment with on board diesel fuel tanks for diesel engines
Dense Timber
SWPPP - Block Quarry
08.13.2024 - Legend
Runoff flow direction
Rock ditch check (BMP)
Outfall
NORTH
SCALE: 200'

APPENDIX 3

Significant Spills and Leaks

None Has Occurred

List of Significant Spills and Leaks
(Three Years Prior to Effective Date of Permit)
Significant spills include, but are not limited to, releases of oil or hazardous substances in excess of RQ.

1st Year Prior										
				Description				**Response Procedure**		
Date	Spill	Leak	Location (as indicated on site map)	Type of Material	Quantity	Source	Reason	Amount of Material Recovered	Material No Longer Exposed to Storm Water (True/False)	Preventive Measures Taken
2nd Year Prior										
				Description				**Response Procedure**		
Date	Spill	Leak	Location (as indicated on site map)	Type of Material	Quantity	Source	Reason	Amount of Material Recovered	Material No Longer Exposed to Storm Water (True/False)	Preventive Measures Taken
3rd Year Prior										
				Description				**Response Procedure**		
Date	Spill	Leak	Location (as indicated on site map)	Type of Material	Quantity	Source	Reason	Amount of Material Recovered	Material No Longer Exposed to Storm Water (True/False)	Preventive Measures Taken

APPENDIX 4

BMP Details

APPENDIX 5

BMP Specifications

APPENDIX 6

Employee Training Outline

Employee Training Outline (Sample)

Topic 1 General overview of storm water pollution planning requirements.

Topic 2 Materials and activities that have the potential to impact storm water at the facility. (Refer to Section 3.0)

- Aboveground fuel storage tank area
- Loading the diesel fuel tank
- Fueling equipment from the diesel fuel tank
- Stock pile areas
- Solid waste dumpsters

Topic 3 Pollution prevention activities (Refer to Section 4.0)

- Good housekeeping
- Spill prevention plan
- Vegetative cover to prevent erosion
- Preventative maintenance
- Employee training
- Flow diversion structures
- Retention and detention berms

APPENDIX 7

Employee Training Form

SWPPP Employee Training Form

Date: ______________________________

Instructor: ______________________________

Topics Discussed/Scenario: ______________________________

____

____

____

Attendees: (Please print name)	Signature:

APPENDIX 8

Alternative Analysis

None Required At This Time

APPENDIX 9

SWPPP Inspection Log

Facility Name and Location: 1880 Enterprises (Block Quarry)- 37301 Hedge LN Rd- Paola, KS

SWPPP Visual Inspection: Monthly or Quarterly (within 30 Minutes of Runoff) or 3" Rain Events

Date:_____ **Rain (Yes or No)**_____ **Temp:**_____

Inspector: _____

	General Requirements	**Yes**	**No**	**NA**
1	Are **collection facilities** provided for proper disposal of waste products?	X		
2	Are all paints, solvents, **petroleum products**, petroleum waste products and storage containers under roof or other containment?	X		
3	Have all **pump discharges** that enter waters of the state been recorded?			X
4	Are all **outfalls** clearly marked in the field or clearly identified on a map submitted to KDHE and kept on file in the facility office?	X		

	Water Quality Standards **(A Minimum of Once a Quarter Visually Observe Runoff @ Outfalls)**	**Yes**	**No**	
5	Are waters free from substances in sufficient amounts to cause the formation of **putrescent, unsightly or harmful bottom deposits**, or prevent full maintenance of beneficial uses?	X		
6	Are waters free from **oil, scum and floating debris** in sufficient amounts to be unsightly or prevent full maintenance of beneficial uses?	X		
7	Are waters free from substances in sufficient amounts to cause unsightly **color or turbidity, offensive odor** or prevent full maintenance of beneficial uses?	X		
8	Is the water free from any **solid waste** such as used tires, appliances, equipment, and all other debris?	X		

	BMP Conditions	**Yes**	**No**	**NA**
9	***(BMP(s) For Outfalls)*** - Condition satisfactory? Describe location and cause of any problems and actions taken below.			
11	***(Additional BMPs; describe below)*** - Condition satisfactory? Describe location and cause of any problems and actions taken below.			
12	***(Vehicle Maintenance Areas)*** - Condition satisfactory? Describe location and cause of any problems and actions taken below.			
13	**(Oil/Fuel Storage and Fueling/Handling Areas)** - Condition satisfactory? Describe location and cause of any problems and actions taken below.			
14	**(Grounds Free of of Oil Spots and Spills)** - Condition satisfactory? Describe location and cause of any problems and actions taken below.			
15	**(Secondary Containments Provided for Oil/Fuel Storage Areas)** - Condition satisfactory? Describe location and cause of any problems and actions taken below.			
16	**Vegetation** - Reestablished in areas that operations permanently or temporarily stopped?			X
17	**Storm water Discharges** - Condition satisfactory? Describe location and cause of any problems and actions taken below.			
18	**Non-Storm water Discharges** - Are there any non-storm water discharges?		X	

Please note the location, cause and action taken to correct any unsatisfactory conditions below:

_____

APPENDIX 10

Completed SWPPP Inspection Logs