



Alexander C. Johnson

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November 17, 2025

VIA FEDERAL EXPRESS & ELECTRONIC MAIL

Paul R. Drury Jr., AICP
Planning & Zoning Director
Anderson Township
7850 Five Mile Road
Anderson Township, Ohio 45230-2356

Re: Application for Special Zoning Certificate for Hamilton County Auditor Parcel
No. 500-0081-0032-00_____


Mr. Drury,

As you are aware, this law firm represents Evans Gravel, Inc., an Ohio corporation, with respect to an application for an Anderson Township Special Zoning Certification in connection with the expansion of an existing conditionally approved use of Hamilton County Auditor Parcel No. 500-0081-0032-00. Please find enclosed with this letter ten (10) copies of an Application for Anderson Township Special Zoning Certificate and one (1) check in the amount of Five Hundred and 00/100 Dollars (\$500.00), payable to the order of Anderson Township, in satisfaction of the fee required in connection with the aforementioned application.

Please do not hesitate to reach out at your convenience with any questions you may have in connection with this Letter or the documents enclosed herein.

Respectfully,

KEATING MUETHING & KLEKAMP PLL

By: 

Alexander C. Johnson
Associate

ACJ:mlc

Enclosures: Ten (10) copies of an Application for Anderson Township Special Zoning Certificate
One (1) check for Five Hundred and 00/100 Dollars (\$500.00), payable to Anderson Township

cc: Douglas Evans
Benjamin J. Yoder, Esq., BRICKER GRAYDON LLP
Daniel P. Utt, Esq., KEATING MUETHING & KLEKAMP PLL
Kristopher T. Milner, KEATING MUETHING & KLEKAMP PLL

Keating Muething & Klekamp PLL

Attorneys at Law

One East Fourth Street | Suite 1400 | Cincinnati, Ohio 45202

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APPLICATION FOR ANDERSON TOWNSHIP SPECIAL ZONING CERTIFICATE

Property Address: 4455 Mt. Carmel Road, Cincinnati, Ohio 45244 (the “**Property**”)
Parcel ID: 500-0081-0032-00
Property Zoning: Industrial Development
Owner Name: Evans Gravel, Inc. (the “**Owner**”)
Owner Address: 3700 Roundbottom Road
Cincinnati, Ohio 45244
Owner Phone: (513) 831-4102
Owner Email: devans@evanslandscaping.com
Delivery Method: Email and Overnight Delivery

Introduction and Background

This Application for amendment or expansion of a Special Zoning Certificate for the Property is being submitted to the Anderson Township Board of Zoning Appeals in response to previous inspections of the property owned by Evans Gravel, Inc., located at 4455 Mt. Carmel Road, Anderson Township, Ohio (the “**Property**”) in 2023 and 2025, and a Notice of Zoning Violation issued by Anderson Township on October 8, 2025 (the “**NOV**”). In response to meetings and discussions with Anderson Township and its outside Counsel, and the NOV, Owner submits this Application for a Special Zoning Certificate (the “**Application**”) to expand the boundaries of the Property’s permitted conditional uses, as shown on Exhibit A.

As depicted on the Photometric Survey of the Property attached as Exhibit A, an approximate 32.763 acre portion of the Property, as depicted with black boundary lines, currently operates as a sand and gravel mining operation, pursuant to a Special Zoning Certificate issued and renewed by Anderson Township on December 12, 2018, and the mining permit issued by the Ohio Department of Natural Resources, Division of Mineral Resources Management, dated effective October 22, 2018, and expiring October 21, 2033. A copy of the Zoning Certificate issued by Anderson Township dated December 12, 2018, Permit Number Z2018-0511, is attached as Exhibit B. A copy of the Surface Mining Renewal Permit Number IMR-2181-1 is attached hereto as Exhibit C. This Application requests the expansion of the area covered by the Special Zoning Certificate, for limited purposes, to include an additional, contiguous area, containing approximately 11.938 acres, as depicted in red boundary lines on the attached Exhibit A.

This Application does not seek to expand the permitted sand and gravel or other mining operations at the Property. Rather, at the Township’s request, Owner submits this Application to include the existing detention ponds and sediment structures and road that service the Property. These structures are necessary to the Property’s operations, and fundamental to minimizing the effects that the original conditional uses of the Property have on neighboring properties. Owner believes the exclusion of these areas from the conditional use boundary was an oversight as the 11.938 acre area in question is not used for the actual mining operation. It is noteworthy that the Surface Mining Permit covers the entire 77 acre Property; however, the area of the Property currently covered by the Conditional Use Zoning Certificate is approximately 32.763 acres.

The Ponds are Necessary for Environmental Compliance.

The ponds included as part of this Application are man-made ponds, serving as drainage and erosion control for the Property, as well as neighboring upland properties. The following diagram shows the configuration of the ponds:

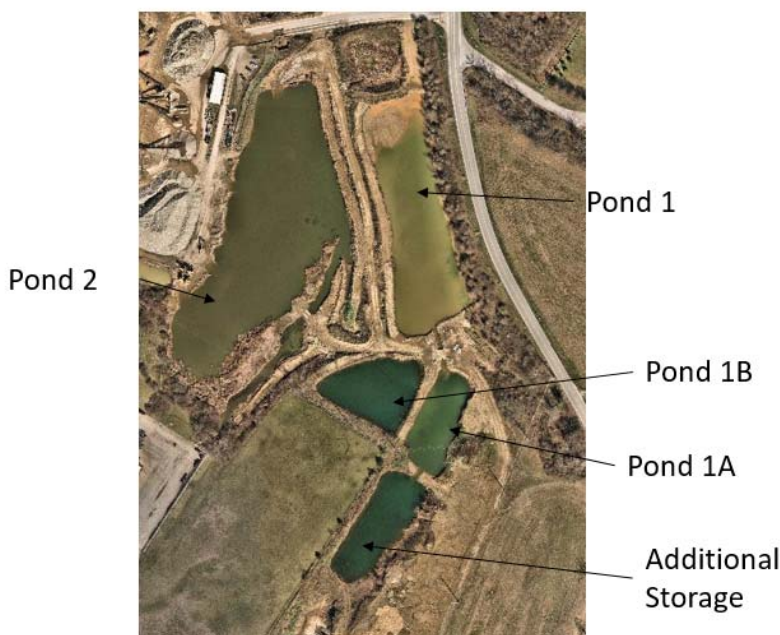


Figure 1: Configuration of Ponds

Please note that the pond names used in this document are illustrative and not reflective of any permit or other documents, including, but not limited to any National Point Discharge Elimination System (“NPDES”) permit. The ponds or storm water detention areas have been on the Property since as early as 2006 based on a review of CAGIS Maps for the area.

This use of these sediment structures is necessary to for the Property’s operations to meet the required standards to discharge water under an NPDES permit. Discharges from the sand and gravel operation are governed by NPDES Permit 1IJ00143*AD (“NPDES Permit”). A copy of NPDES Permit is attached as Exhibit D, and the NPDES Permit is currently in process of renewal with the existing permit expiring February 28, 2026. In part, the NPDES Permit requires the Owner to sample and monitor Total Suspended Solids (“TSS”) in its discharges. The water ponds provide retention to achieve the standards required by the NPDES Permit. The ponds act in series to allow for the settling and cleaning of water, which leads to lower levels of TSS. As water is retained, it allows sediment, which correlates to TSS, to fall settle at the bottom of the pond. Once the pond reaches capacity, the overflowing water has had time to settle, which leads to reduced TSS, and improved water quality in the Property’s discharges.

Pond 1 receives waters from the sand and gravel mining operation's dewatering process. To prevent excessive water levels within the pit, water is pumped from the pit into Pond 1 via a pipe located in the pond's northwest corner. The pumped water is a mixture of water used in the washing process, as well as accumulated storm and surface runoff waters from the Property and other adjacent properties. Eventually, the water held in Pond 1 will either evaporate or overflow into Pond 1A. Water that enters Pond 1A will eventually flow into Pond 1B. During times of high precipitation, there is an additional storage pond behind Pond 1. This additional storage provides increased volume, which helps prevent water from passing into Pond 1A and Pond 1B too quickly, which would may allow enough time for proper settling. Water held in Ponds 1, 1A, and 1B eventually flows into Pond 2. Pond 2 is the final sediment structure before water is discharged into an unnamed tributary of the Little Miami River. Water leaving Pond 2 must comply with the limitations set forth in the NPDES Permit.

Importantly, the expansion of the conditional use area to include the ponds will have no adverse effects upon other property owners. The ponds require no mechanical systems; produce no dust, smoke, or smog; and provide a silent and passive means for achieving a necessary ends: the removal of particulate matters from runoff.

In addition to de-watering activities, each of the ponds controls runoff, and provide important stormwater detention from adjoining properties to the south and from upland areas in Anderson Township that are not part of the sand and gravel operations, nor the Property. These areas are additional areas of contribution of sediment entering the ponds. Over time, as the sediment accumulates from dewatering and surface runoff, the sediment accumulates to a level that negatively affects available retention volume within the ponds, as can be seen in the following photographs:



Figure 2: 2023 photograph showing accumulated sediment.



Figure 3: 2020 photograph showing accumulated sediment.



Figure 4: 2022 photograph showing accumulated sediment and cleaned out areas.

With reduced retention volume, the ponds are not able to retain water as long, leading to less deposition time for TSS. Therefore, periodic dredging is required to maintain the effectiveness of the ponds for treating the water prior to discharge.

Pond Maintenance and Use of Materials

Maintenance of sediment control structures is a requirement of the Property's Storm Water Control Measures and Pollution Prevention Programs, as detailed in Part IV.C.3 of the NPDES Permit. Upon dredging the pond, Owner mixes the recovered sediment with topsoil and other suitable materials at the Property, to be utilized as part of other grading activities occurring at the Property. The soil and dredged material are then spread on-site and farmed on the open areas at the Property outside of the area covered by the Conditional Use for the sand and gravel mining operation.

This use of sediment does not constitute "Surface Mining" as provided in the Ohio Revised Code Section 1514.01, as: (i) Owner's use of materials resulting from the sand and gravel operation is purely incidental; (ii) the recovered sediment is used in an unprocessed form; and (iii) the sediment is being used in a non-commercial manner for Owner's use on the same tract of land. Therefore, the activities proposed in this Application to expand the conditional use boundary does not constitute an expansion of the Property's mining activities.

The pond dredging and grading activities serve as a beneficial use for the current agricultural uses at the Property outside of the gravel operations, and for the Property's potential future uses and development. The site grading activities associated this Application include, but are not limited to, site grading and the installation of culverts (or similar drainage and erosion control features). The purpose of this site work is to improve drainage. Proper grading and stormwater controls, combined with additional vegetation, helps reduce the inflow of TSS into the ponds, which therefore lowers the frequency of required pond maintenance, as detailed above. As a result, the Ponds' stormwater retention performance should also improve.

Addition of Road

In addition to including the Ponds within the conditional use boundary, this Application seeks to add a portion of a paved road into the conditional use boundary. This road serves as the main route to and from the sand and gravel mining operation, and it appears the full length of road where it connects with Mt. Carmel Road was mistakenly omitted from the conditional use boundary. Since the issuance of the original conditional use approval for the sand and gravel mine, there has been a gate locked during non-business hours at the entrance from Mt. Carmel (along with a wheel wash), and signage identifying Evans Gravel, Inc., and contact person for the company posted on the gate.

Future Uses of Property

As the Township is aware, Evans Landscaping, Inc. and Evans Gravel, Inc. entered into a Consent Order with the State of Ohio to resolve alleged violations of Ohio's solid waste and construction demolition debris regulations. As part of the Consent Order, Evans Gravel, Inc. agreed to place an engineered cap, consisting of clay, aggregate top soil, and asphalt pavement over approximately

14-acres of the Property. The work required by the Consent Order has now been completed, and the Certification Report for Consent Order for Cap Construction has been submitted to the State of Ohio as of November 3, 2025. A copy of which is attached hereto as Exhibit E. As part of the Consent Order, Evans Gravel, Inc. will be executing and recording a Declaration of Use Restrictions to protect the integrity of the cap in connection with future development and use of the Property.

In terms of future use of the Property, Evans Gravel, Inc. intends to continue utilizing the portion of the Property approved for the conditional use for a sand and gravel operation until expiration of the conditional use approval in 2033, and any future renewals thereof. The balance of the Property will continue to be utilized for agricultural purposes, and the Property is being marketed for future development permitted as principal or conditional uses under the Anderson Township Industrial Development District Regulations.

The Owner acknowledges and understands that future development of the Property outside of the conditional use boundaries will require a separate Zoning Certificate before commencing any development activities. Additionally, the Owner further acknowledges and understands that any future parking activities at the Property shall comply with all parking, loading, and access requirements contained in Article 5.3 of Anderson Township's Zoning Resolution.

Summary

The proposed activities under this appeal and subject to the Application (i) do not involve the mining or extraction of sand or gravel as part of the mining activity; (ii) improve drainage and erosion control for the Property; (iii) are related to necessary maintenance to ponds providing stormwater control for the Property and other upland areas; and (iv) enhance the future utility of the Property for potential redevelopment and use. For the reasons set forth herein, the Owner respectfully requests the Township approve this Application for the enlargement of the Conditional Use area previously approved by Anderson Township.



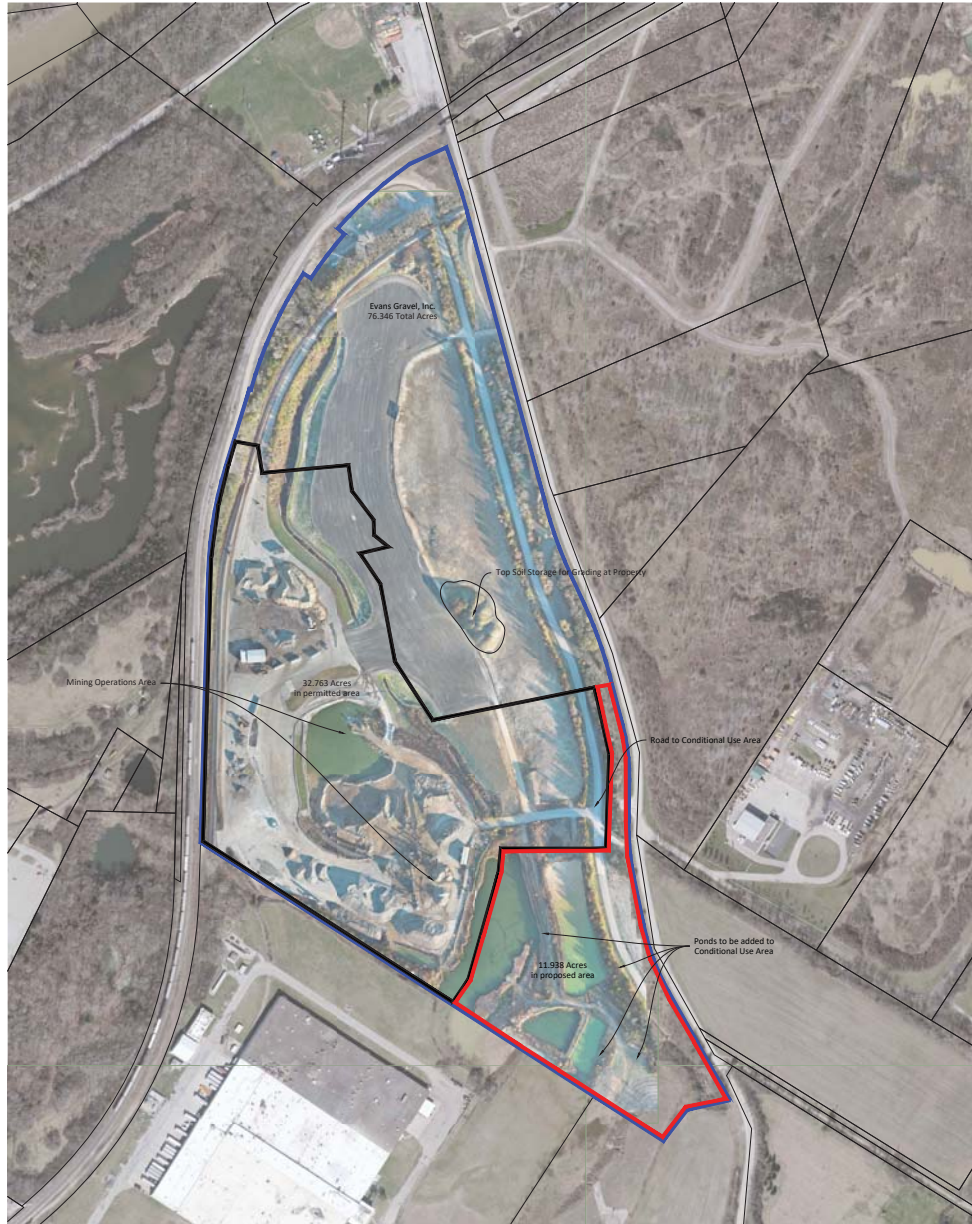
EXHIBIT A

Keating Muething & Klekamp PLL

Attorneys at Law

One East Fourth Street | Suite 1400 | Cincinnati, Ohio 45202

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SITE PLAN
1" = 200'

Positioning Method: ODOT VRS
 Coordinate System: Ohio State Plane, South Zone (3402)
 Photogrammetry was captured using Autel EVO II Pro-6K RTK
 Data was processed using Carlson Software Photo Capture 2025
 Parcel data was obtained from Hamilton County GIS

- PERMITTED CONDITIONAL USE AREA
- PARCEL BOUNDARY
- PROPOSED ADDITIONAL CONDITIONAL USE AREA



Todd A. Cluxton
 TODD A. CLUXTON, P.E. 69677

DS2 engineers & surveyors
 107 West Second Street-Mayville, KY 41056
 100 South High Street Suite 200-Hilliard, OH 45133
 Phone: 888-564-0961 Fax: 606-564-0962

| REVISIONS | |
|------------|--|
| 8/8/2025 | |
| 10/6/2025 | |
| 11/17/2025 | |

PROJECT: SITE PLAN
 LOCATION: CLIENT: EVANS GRAVEL, INC.
 ADDRESS: COUNTY: HAMILTON
 PROJECT #: DATE: MAY 6, 2025

SHEET: C1/1



EXHIBIT B

Keating Muething & Klekamp PLL

Attorneys at Law

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Anderson Township Planning and Zoning

Anderson Center

7850 Five Mile Road
Anderson Township, Ohio 45230-2356

Phone: 513.688.8400

Fax: 513.231.3970

AndersonTownship.org
AndersonCenterEvents.org

HAMILTON COUNTY, OHIO
Anderson Township Zoning Commission
Zoning Certificate

To: EVANS GRAVEL, INC
4455 MT CARMEL RD
CINCINNATI, OH 45244
SPECIAL ZONING CERTIFICATE

Date: 12/12/2018

Permit Number: Z2018-0511

Pursuant to Article 2.1 A et seq. of the Anderson Township Zoning Resolution, THIS IS TO CERTIFY that the

MINING OPERATIONS, Granted Extension of Conditional Use for an additional fifteen (15) years; granted Conditional Use, with Case 16-2003 BZA and extended through Case 2-2009 BZA; the conditional use includes: extracting, excavating, mining or processing of sand, rock and/or gravel per Article 3.16, C, 1, approved with conditions outlined in the Resolution, per drawing attached, granted with Case 10-2018 BZA, 12/6/2018.

Located at 4455 MT CARMEL RD, Zoning District ID, Anderson Township.

is approved pursuant to the regulations of the Anderson Township Zoning Resolution provided that it complies with all conditions as set forth in the Anderson Township Zoning Resolution.

This certificate is issued in compliance with Article 2.1 A et seq. of the Anderson Township Zoning Resolution.

THIS CERTIFICATE MUST BE PRESENTED TO THE HAMILTON COUNTY BUILDING INSPECTOR, IF APPLICABLE, IN ORDER TO OBTAIN NECESSARY BUILDING PERMITS.

Anderson Township Zoning Commission

By:

Sarah E. Donovan, Planner I

Note: Approval of a Zoning Certificate does not assure compliance with any other restrictions, including deed or subdivision restrictions, which may be applicable.

Care should be taken to construct all improvements completely within the legal boundaries of the property on which the improvements are to be constructed and to comply with any applicable setback requirements.

**ANDERSON TOWNSHIP BOARD OF ZONING APPEALS
HAMILTON COUNTY, OHIO**

Applicant: Doug Evans, President
Evans Gravel Inc.
4455 Mt. Carmel Road
Cincinnati, Ohio 45244

CASE NO. 10-2018 BZA

DECISION: GRANTED

FOR: Evan's Gravel, Inc., 4455 Mt. Carmel Road

This matter was first heard on July 12, 2018 and continued in progress on September 6, 2018, October 4, 2018 and November 1, 2018 upon a request by the Applicant for an extension of time for an existing conditional use. Said request and hearing involved the premises known as 4455 Mt. Carmel Road, specifically 30 acres within a larger 77.8± acre tract (Parcel ID 500-081-032), Zoned "ID" District. The Applicant is requesting that the Anderson Township Board of Zoning Appeals grant an extension of the conditional use permit for extracting, excavating, mining or processing of sand, rock and/or gravel on the 30-acre portion of the property as depicted on Exhibit P to the application submitted by Applicant (hereinafter, the "Property") per Article 3.16, C, 1 of the Anderson Township Zoning Resolution for fifteen (15) additional years.

Whereas, approval of this specific request shall carry no endorsement of other Evans' operations in general; and whereas approval does not endorse or authorize any other use on the Property; and whereas, if additional uses are desired for any other parts of the parcel other than the 30-acre portion that is the subject of this application, such uses must be approved by the Township before the use is started; and whereas the surface gravel mine is consistent with the Anderson Plan, as it incorporates the Ancor Plan which acknowledges a history of surface mining operations in the area and is of an intensity consistent with past mining operations in the area; and

Being fully advised and from the evidence adduced at the hearing of this case, the Board hereby determines that it would NOT be contrary to the public interest, health, and safety to grant the conditional use for the following reasons: Upon the Applicant's compliance with the conditions set forth in this Resolution, there will be compliance with the requirements of Article 3.16, F of the Anderson Township Zoning Resolution, the continued use of the subject Property will be compatible with surrounding uses, and the effect on health, safety, and morals of the community will not be negatively impacted. Therefore, the extension of the conditional use permit is hereby GRANTED by the Board of Zoning Appeals with the following conditions:

1. The site is to be fully compliant with regulations and requirements of all other relevant agencies including but not limited to Hamilton County, Occupational Safety and Health Administration, Ohio Department of Natural Resources, U. S. Department of Labor, Ohio Department of Taxation, and Ohio Environmental

Doug Evans, President
Evans Gravel Inc.
4455 Mt. Carmel Road

Protection Agency. Specifically included within these regulations and requirements is the opacity test required by the Hamilton County Department of Environmental Services ("HCDOES"), which opacity test shall remain current throughout the duration of the conditional use permit. In the event that the approved conditional use falls out of compliance with any of the relevant regulations or requirements of any of these agencies, then the Board of Zoning Appeals may act pursuant to Article III (a)(4) of the Board's By-Laws and Ohio Revised Code 519.14(D).

2. Substantial conformance with the plot plan dated July 12, 2018 delineating the 30-acre Property is required. The plot plan was submitted during the July 12, 2018 Board of Zoning Appeals meeting and is attached hereto as Exhibit 1.
3. The equipment used and to be present on the Property at any given time, is limited to what is stated in the supplemental packet #2 from Doug Evans of Evans Landscaping dated October 23, 2009 (Exhibit Q), and the numerical limits added to the Exhibit, a copy of which is attached hereto as Exhibit 2 and incorporated by reference herein.
4. No fuel, chemicals, or lubricants are to be stored on site.
5. All mining activities on the Property shall cease, and this conditional use permit shall expire, no later than December 6, 2033 Within two-weeks of the beginning of the twenty-fourth (24th) month after the issuance of this extension of the conditional use permit, Applicant shall provide documentation to Township staff showing compliance with all applicable non-Township agencies, which have some oversight of the operations on the Property, as well as compliance with the conditions in this approval. Thereafter, Applicant shall again affirmatively document compliance with these other agencies, as well as compliance with the conditions in this approval, within two-weeks of the beginning of the sixtieth (60th) month after the issuance of the extension of the conditional use permit.
6. The hours of operations on site are limited to 7:00 a.m. to 5:00 p.m. Mondays through Fridays and 8:00 a.m. to 12:00 p.m. on Saturdays and no hours of operation on Sundays. "Operations" means any activity on the Property whatsoever.
7. There is to be no lighting on the Property except for safety and security unless a photometric plan is submitted to the Anderson Township Planning and Zoning Department and approved.
8. There is to be compliance with the letter submitted on behalf of Applicant by

Doug Evans, President
Evans Gravel Inc.
4455 Mt. Carmel Road

Savage Walker and Associates titled Supplemental Information dated August 1, 2003, a copy of which is attached hereto as Exhibit 3, and which is incorporated by reference herein.

9. Directional signage, in accordance with the Anderson Township Zoning Resolution, shall be installed to direct all trucks exiting the Property to make a left turn to go to Round Bottom Road unless they cannot fit under the railroad bridge.
10. There is to be compliance with the letter submitted on behalf of Applicant from Craig V. Simonson of SWA Design Group Inc. (formerly known as Savage Walker & Associates) to Doug Evans of Evans Gravel Inc. dated September 4, 2003, a copy of which is attached hereto as Exhibit T, which is incorporated by reference herein.
11. The conditional use permit for the Property shall be for surface mining only.
12. The reclamation plan submitted to ODNR, a copy of which is attached hereto as Exhibit P shall be followed by Applicant when mining operations cease.
13. The mining equipment shall be maintained in good order and sound deadening technology employing "best available technology" shall be employed on the conveyors and screens. This includes the latest urethane coatings on metal surfaces of conveyors, screens and impactors.
14. There shall be an annual 200,000 tonnage limit on extraction of gravel from the Property. If the Applicant wishes to increase this annual tonnage limit, approval must be sought from the Board of Zoning Appeals prior to any extraction over this limit. Applicant shall maintain a running monthly total with appropriate documentation, which shall be provided to Township staff for review within one (1) business day of a request by the Township for such information.
15. The Property shall be operated in compliance with the short term and long-term dust control strategy agreed upon between Township staff and Southwest Ohio Air Quality Agency dated December 30, 2009.
16. This conditional use approval is only applicable to the Property. Any additional use proposed for the larger parcel, or any portion thereof, shall be submitted and approved by the Township prior to commencement of any such additional use.
17. The mine shall employ the enforcement policy submitted by the Applicant on October 23, 2009 (Exhibit S#2-F, a copy of which is attached hereto as Exhibit 6 and incorporated by reference herein). In addition, the enforcement policy shall

Doug Evans, President
Evans Gravel Inc.
4455 Mt. Carmel Road

incorporate the following language: "Evans understands that continued validity of the conditional use permit for the Property will be judged, in part, on the effectiveness of and Evans' compliance with this policy." In addition, Evans shall, prior to commencement of any further mining activity and for the duration of such activity, pay for and maintain a sign which design, layout, text, size and prominent placement shall be determined and approved by Township staff, in its sole discretion, listing Evan's appropriate contact information for receiving complaints concerning mining operations.

18. Notwithstanding the time frames given for resolution of general complaints about the operation of the conditional use, for nuisance-type complaints (such as dust, noise, etc.), Applicant shall address those matters as quickly as possible. To that end, Applicant shall maintain an up-to-date complaint log, showing the date and time the complaint was received, the complainant's name (if given), a description of the complaint and the manner in which the complaint was addressed by Applicant. A copy of the prior month's complaint log shall be provided to the Township staff no later than the twelfth (12th) day of each month. To the extent no complaints are received in the preceding month, Evans' shall nonetheless still produce such log and affirmatively state thereon that no complaints were received during the requisite monthly reporting period. Failure of Evans to produce such log on a monthly basis shall constitute grounds for revocation of this conditional use permit by the Board of Zoning Appeals.
19. The Board, as part of its decision granting the extension of the conditional use permit, hereby approves, pursuant to Zoning Resolution Article 3.16, F, 1, a modification to the general requirements of Zoning Resolution Article 3.16, H to allow vegetation on the berm along the front of the Property to grow in its natural state in accordance with the landscaping plan submitted by Applicant, a copy of which is attached hereto as Exhibit 7. The Board, in approving this modification, finds that complete compliance with the requirements of Zoning Resolution Article 3.16, H is unnecessary given the location of the Property and its relationship to surrounding properties.
20. The gravel storage piles on the Property shall be no taller than the Mt. Carmel Road right-of-way elevation immediately adjacent to the mine's current primary ingress and egress point.
21. A wheel wash system shall be in operation at all times when the mining use is in operation. The wheel wash system shall comply with the system previously agreed upon by Township staff and HCDOES, as now operated on the Property as of the date of filing of the application. There shall be no tracking of dust and/or mud onto the public roadway.

Doug Evans, President
Evans Gravel Inc.
4455 Mt. Carmel Road

22. Low volume, back-up alarms employing "white noise" technology shall be utilized on Evans' equipment used on the Property.
23. The impactor to be used in conjunction with the gravel mining operation shall be limited to a maximum capacity of 100 tons per hour.
24. There shall be no blasting or use of explosives associated with the mining operation anywhere on the Property.
25. In the event of a challenge by Applicant or required enforcement by Township, Applicant shall be responsible for reimbursing the Township for all attorneys' fees and costs associated with such challenge or enforcement.
26. Because each separate condition listed herein is necessary to ensure compliance with the intent and purpose of the Anderson Township Zoning Resolution and each condition is an integral part of the whole decision, if any one or more conditions in this resolution is challenged in court and declared invalid, void or ineffective for any reason, this entire resolution granting the extension of the conditional use permit shall be null and void and all operations shall immediately cease.


BE IT FURTHER RESOLVED that the preamble hereto is and shall for all purposes be construed to be an integral and operative part of this resolution.

BE IT FURTHER RESOLVED that this Board hereby finds and determines that all formal actions of this Board concerning and relating to the passage of this resolution were taken in open meetings of this Board, and that all deliberations of this Board that resulted in such formal actions were taken in meetings open to the public, in compliance with all legal requirements, including (without implied limitation) Ohio Revised Code 121.22, except as otherwise permitted thereby.

THE BOARD

December 6, 2018

Date


Chairman

I hereby certify that the foregoing decision is a true and correct copy of the Order of the Board of Zoning Appeals adopted December 6, 2018 and entered upon the Journal of the Board.

Doug Evans, President
Evans Gravel Inc.
4455 Mt. Carmel Road

December 6, 2018
Date


Secretary



EXHIBIT C

Keating Muething & Klekamp PLL

Attorneys at Law

One East Fourth Street | Suite 1400 | Cincinnati, Ohio 45202

P: 513.579.6400 | F: 513.579.6457 | kmklaw.com



SURFACE MINE RENEWAL PERMIT

Under the authority of Chapter 1514 of the Revised Code, the Chief of the Division of Mineral Resources Management hereby orders and grants a renewal to Ohio Surface Mine Permit: IM-2181.

Issued To: EVANS GRAVEL INC
4229 Round Bottom Road
Cincinnati, OH 45244

Telephone: (513) 271-1119

Permit Number: IM-2181
Application Number: IMR-2181-1
Acres: 75.2
Effective: 10/22/2018
Expires: 10/21/2033

Type of Operation: Surface

Mineral Types: Gravel, Sand

LOCATION OF PERMIT AREA

| NAME OF LANDOWNERS | T | R | SECTION | LOTS | TOWNSHIP | COUNTY |
|--------------------|---|---|----------|------|----------|----------|
| Evans Gravel Inc. | | | VMS 1775 | | ANDERSON | HAMILTON |
| | | | VMS 1769 | | ANDERSON | HAMILTON |
| | | | VMS 1575 | | ANDERSON | HAMILTON |

The issuance of this permit means only that the application to conduct a surface mining operation meets the requirements of Chapter 1514 of the Revised Code, and as such DOES NOT RELIEVE the operator of any obligation to meet other federal, state or local requirements

This permit is conditioned upon the compliance of the permittee with Chapter 1514 of the Revised Code and rules adopted pursuant thereto, and performance of the measures set forth in the Mining and Reclamation Plan in a timely manner, and upon the right of the Chief, division inspectors, or other authorized representatives of the Chief to enter upon the premises at reasonable times for the purposes of determining whether or not there is compliance with Chapter 1514 of the Revised Code.

Signature: *DCrow for Lanny E. Erdos*

Date: 02/27/2019

Chief, Mineral Resources Management

ORIGINAL

OHIO DEPARTMENT OF NATURAL RESOURCES
Division of Mineral Resources Management

☐ NEW APPLICATION

☒ RENEWAL APPLICATION

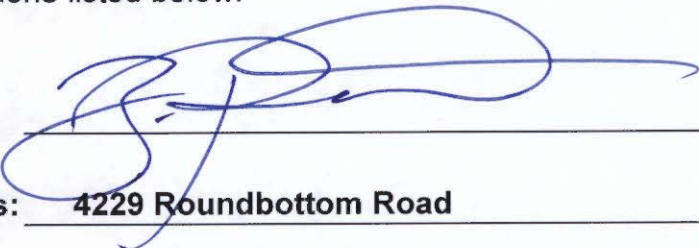
Surface Industrial Mineral Mining Permit Application
Cover Sheet

AUG 23 2018

ODNR - DMRM
Lebanon Office

To Be Completed and Submitted by the Applicant

I, Zachary Peterson, on behalf of Evans Gravel, Inc.
do hereby submit a Surface Industrial Mineral Mining Permit Application including all required
attachments as indicated on page 2 of the application cover sheet. All information and data
provided in this application, maps and attachments thereto are true and correct to the best of my
knowledge. Comments made or questions about this application are to be directed to me, at the
address and phone listed below:

Signed: 

Address: 4229 Roundbottom Road

City, State, Zip: Cincinnati, Ohio 45244

Phone: 513271119

Fax: _____

Email: zpeterson@theevansgroupinc.com

ORIGINAL

RECEIVED

FEB 21 2019

Division of Mineral
Resources Management

RECEIVED

FEB 08 2019

Division of Mineral
Resources Management

Surface Industrial Mineral Mining Permit Application
Checklist of Required Attachments

The following items should be included in a surface industrial mineral mining permit application and mailed to ODNR/Division of Mineral Resources Management, 2045 Morse Road, Building H-3, Columbus, OH 43229-6693. Please review your application package carefully to insure that all required attachments are included. Failure to include one or more required item will result in a processing delay:

- ☒ THREE copies of an application map prepared in accordance with section 1514.02 (A)(11) & (12) of the Revised Code. See *Operator Guidelines for map checklist & requirements*.
- ☒ THREE COPIES of the completed surface mining permit application that has been prepared in accordance with section 1514.02(A) of the Revised Code and in accordance with rules adopted pursuant to Section 1514.08 of the ORC. At least one copy of the application must have original signatures on the completed signature page. (Please use blue ink). Each copy of a completed application must include ONE copy of each of the following items:
- ☒ Geological Data Report. **This information shall be kept confidential and not made a matter of the public record, except** that the chief, in any legal action in which the truthfulness of the information is material, may disclose the information.
- ☒ Include cross sections of existing and final land forms for each mining area and identify by name or number. Submit additional cross sections for any significant dissimilar final land configurations (see surface mine rule 1501:14-4-02).
- ☒ Certificate of Public Liability Insurance in accordance with Section 1514.02(A)(13) of the Revised Code. It should bear an original signature. Insurance must include coverage in the amounts of:
 - \$100,000 for all damages because of bodily injury sustained by one person as the result of any one occurrence, and \$300,000 for all damages because of bodily injury sustained by two or more persons as the result of any one occurrence.
 - \$100,000 for all claims arising out of damage to property as the result of any one occurrence, with an aggregate limit of \$300,000 for all property damage to which the policy applies.
- ☒ Actual lease, deed or Lease/Deed Affidavit for each surface owner listed on the application other than the applicant that documents the right of entry upon the land proposed to be mined.
- ☐ Public Notice Requirement:
 - ☐ Copy of zoning variance and/or certificate and proof-of-publication for public notice.
 - ☐ Copy of any required advertisement or public notice text that will be published to verify compliance with applicable public notice requirements identified in Section 1514.022 of the ORC, if no zoning resolution or ordinance applies.
 - ☐ Copy of any applicable zoning ordinance(s) allowing mining for the area in which the proposed surface mining operation is located.
- ☒ Notarized, sworn statement that during the term of any permit issued under Chapter 1514 of the Revised Code or of any renewal of such a permit, the applicant will comply with all applicable zoning resolutions and/or ordinances that are in effect.
- ☒ Statement certifying that the applicant has communicated with the county engineer regarding roads within the county engineer's jurisdiction that will be used by vehicles entering or leaving the proposed surface mining site. *Include a copy if communication was via letter.*
- ☒ Signed copy of any and all consent forms to mine within 50 feet of the right of way of a public road fully executed by the local road authority.
- ☒ Signed copy of any and all consent forms to mine within 50 feet of adjacent property executed between the operator and the landowner.

OHIO DEPARTMENT OF NATURAL RESOURCES
Division of Mineral Resources Management

Surface Industrial Mineral Mining Permit Application

FOR DIVISION USE ONLY:

Date Received: 8/23/18
Application No: _____
Region: Team West - Lebanon
Permit Number: IM-2121

APPLICANT Information

1. Name of Applicant: **Evans Gravel, Inc.**

Mailing Address: **4229 Roundbottom Road**

City: **Cincinnati**

State: **Ohio** Zip Code: **45244**

Business Telephone: **513-271-1119**

Fax Number: **E-**

mail: **zpeterson@theevansgroupinc.com**

Federal Tax ID# **81-0601301**

2. Business Structure:

☐ Sole Proprietorship ☐ Partnership ☒ Corporation ☐ Other:

3. List the names of owners, partners, all corporate officers, directors or other persons who have a right to control or in fact control the management of the applicant or the selection of officers, directors or managers of the applicant (*If additional persons are to be shown, please list on a separate sheet*):

Name: **Douglas Evans**

Title: **President**

Address: **4229 Roundbottom Road**

City: **Cincinnati**

State: **Ohio**

Zip: **45244**

Name: **James Baley**

Title: **Vice President**

Address: **4229 Roundbottom Road**

City: **Cincinnati**

State: **Ohio**

Zip: **45244**

Name: **Tony Muto**

Title: **Deputy Counsel**

Address: **4229 Roundbottom Road**

City: **Cincinnati**

State: **Ohio**

Zip: **45244**

Name: **Zachary Peterson**

Title: **General Counsel & Chief Financial Officer**

Address: **4229 Roundbottom Road**

City: **Cincinnati**

State: **Ohio**

Zip: **45244**

This application is hereby ☒ approved, ☐ disapproved by the Chief, Division of Mineral Resources Management.

Date:

2-15-19

Signed:

DL/Lanny E. Erdos

Chief, Division of Mineral Resources Management



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4. List below the names of additional persons duly authorized to sign for the applicant with regard to the administrative paperwork required by the Division of Mineral Resources Management.

Bernie Robben and Jack Stagge

5. If the business structure is a corporation, please provide the name, address and telephone number of your Ohio statutory agent:

Name: **KMK Service Corp.**

Telephone Number: **513-579-6400**

Address: **1 E. 4th Street, Suite 1400**

City: **Cincinnati**

State: **Ohio**

Zip: **45244**

6. Identify by the appropriate permit number any other surface mining, in-stream mining or coal mining permits now held by the applicant in this state.

☐ If applicant holds no other mining permits, check here.

| Permit Number | County | Permit Number | County |
|---------------|----------|---------------|--------|
| IM-526 | Clermont | | |
| | | | |
| | | | |
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7. Has the applicant, any partner if the applicant is a partnership, any officer or director if the applicant is a corporation, or any other person who has a right to control or in fact, controls the management of the applicant of the selection of officers, directors or managers of the applicant ever had a surface coal or industrial mineral mining permit or an in-stream mining permit issued by this or any other state suspended or revoked or ever forfeited a surface coal or industrial mineral mining bond, cash or security deposit in lieu of bond? ATTACH a separate sheet providing details surrounding any suspension, revocation or bond forfeiture.

☐ Yes

☒ No

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LANDOWNER Information

8. List the names and addresses of the owners of surface rights for the land upon which the applicant proposes to conduct surface mining operations. *(If surface rights in the land are not owned by the applicant, submit a copy of the lease, deed or Lease/Deed Affidavit form which documents the applicant's right of entry upon such land by the applicant by his/her agents.)*

| Surface Owners | T/R | Section/Lot VMS | Township | County | Municipal Corporation |
|--------------------------------|-----|--------------------------|----------|----------|--------------------------|
| NAME: Evans Gravel, Inc | | SEC: | Anderson | Hamilton | N/A |
| ADDRESS: 4229 Roundbottom Road | | LOT: | | | |
| CITY: Cincinnati | | VMS: 1775; 1575; 1769 | | | |
| STATE, ZIP: Ohio, 45244 | | | | | |
| NAME: | | SEC: | | | |
| ADDRESS: | | LOT: | | | |
| CITY: | | VMS: | | | |
| STATE, ZIP: | | | | | |
| NAME: | | SEC: | | | |
| ADDRESS: | | LOT: | | | |
| CITY: | | VMS: | | | |
| STATE, ZIP: | | | | | |
| NAME: | | SEC: | | | |
| ADDRESS: | | LOT: | | | |
| CITY: | | VMS: | | | |
| STATE, ZIP: | | | | | |

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9. During the course of mining and/or reclamation, do you anticipate having to remove any boundary, section corner, government or other survey monuments? ☐ Yes, ☒ No If yes, describe how and when you intend to reestablish such monuments.

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PERMIT & GEOLOGIC Information

10. List each mineral to be produced and the estimated annual rate of production. Also identify the estimated total production for each mineral during the life of the mine.

| Mineral | Estimated Annual Production (in tons) | Estimated Total Production |
|---------------|---------------------------------------|----------------------------|
| Sand & Gravel | 10,000 + | 10,000 + |
| | | |
| | | |
| | | |
| | | |
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11. Provide a report of the result of test borings that the operator has conducted on the proposed permit area, or otherwise has readily available, as required by Section 1514.02(A)(9) O.R.C. and 1501:14-4-01 O.A.C. Provide test boring and geological data on a Geological Data Report, and attach the completed form as an appendix to the surface mining permit application. *Such information will be kept confidential and is not a matter of public record.*

List the number of Geological Data Reports that are attached. 1

12. Are there any underground or deep mines within or under any of the proposed permit areas?
☐ Yes, ☒ No If "yes," describe what practice will be employed to permanently seal opened mine works when and if they are intercepted by surface mining activity under this permit in order to prevent contamination of surface or underground water supplies: *(Use a separate sheet if needed.)*

13. Provide the following estimates:

| | |
|--|------|
| Total acres in the permit application area | 75.2 |
| Total number of separate and distinct mining areas in the proposed permit area (<i>mining areas MUST be identified by name or number and shown on the application map</i>) | 1 |
| Total acres proposed to be affected during the first year of operations (for new permit applications only) | N/A |
| Total acres estimated to be affected during life of the mine | 75.2 |

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LAND USE/ZONING

14. Is there a zoning resolution or ordinance in effect for the county, township or municipal corporation in which the proposed permit area is located? ☒ Yes, ☐ No If "yes," list the county, township or municipal entity and contact name, title and telephone number where they can be reached.

Anderson Township / Paul Drury / Director of Zoning & Planning / 513-688-8400

PUBLIC NOTICE REQUIREMENTS

- ☒ If Renewal, mark "X" and skip to question 16.

- 15.A. Were you granted a zoning variance or conditional use certificate that allows mining within 365 days of your submission of this application?

☐ Yes. Submit a copy of the variance or certificate and proof of publication of the public notice for that purpose.

☐ No. Follow instructions listed in "B" below:

- B. If there is no zoning or if no zoning resolution or ordinance applies to the proposed surface mining permit application area, attach a draft copy of the required advertisement (refer to Operator Guidelines).
- C. If the plan of zoning specifically allows for mining at the proposed location, no public notice is required. The applicant must provide a copy of the respective portions of the ordinance allowing mining.

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WATERCOURSE Information

Restrictions apply to mineral excavation and all other mining activities along designated wild, scenic & recreational rivers and all other watercourses with drainage areas of more than 25 square miles. The restrictions are as follows:

- No EXCAVATION w/in 120' of high water mark

Designated wild, scenic & recreational rivers

- No MINING ACTIVITIES w/in 75' of high water mark

- No EXCAVATION w/in 75' of high water mark

Watercourses with a total drainage area greater than 100 square miles

- No MINING ACTIVITIES w/in 75' of high water mark

- No EXCAVATION w/in 50' of high water mark

Watercourses with drainage area between 25 & 100 square miles*

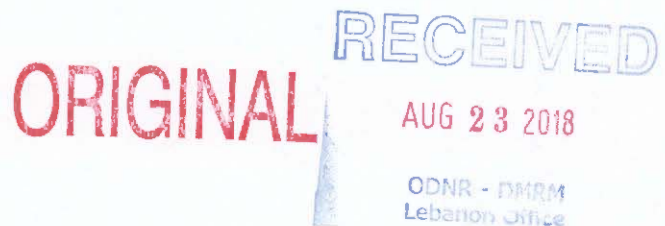
**Under limited circumstances, the chief may grant a variance to this provision per 1501:14-5-04 ORC*

- No MINING ACTIVITIES w/in 50' of high water mark

16. Is a named watercourse identified on the application map for the proposed permit area? ☐
Yes, ☒ No If "yes," provide the following information:

- Name of watercourse: **Little Miami River**
- What is the total drainage (in square miles) of the named watercourse (refer to the "Gazetteer of Ohio Streams")? **Approximately 1,700**
- Proximity of the watercourse to your final proposed permit boundary: **1,000** (feet)
- Describe all activities that will be occurring nearest to the watercourse:

No mining and Reclamation will occur 1,000 feet of the river. A railroad, ballpark, a road, and a riparian corridor separate the proposed mine site and the river.



MINING PLAN Information

17. Identify all methods of mining that will be employed within the permit area:

- ☐ Quarrying (Limestone, dolomite, sandstone)
- ☒ Dredging (sand and gravel)
- ☒ Open Pit (Sand and gravel, clay, shale, topsoil)
- ☐ Other – please describe:

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18. Identify and describe the equipment that will be used during the proposed mining and reclamation activity (include excavating, dredging, hauling and pumping equipment). Be specific and include an additional sheet if more space is needed.

Track Excavator, Bulldozer, Front-end loader, Skid Steer

19. For each mining area, describe the sequence of mining in detail. Include information on topsoil removal, storage and protection as required in 1501:14-3-08 O.A.C. and the typical sequence of events that will be undertaken to extract minerals.

This is an area which has been mined since the 1920s, and was affected prior to the adoption of Ohio Revised Code Section 1514. The remaining topsoil has been stripped and stored in the berm. The remaining sand and gravel deposit on-site has been and will continue to be mined both above and below the groundwater level. The affected high walls will be backed with either overburden or clean fill at 3:1 slope, then re-soiled and re-seeded pursuant to the approved mining plan as outlined in the answers to questions 32-35, infra.

20. Identify the methods that will be used to control surface drainage on land areas so that soil erosion, sedimentation, flooding, flood hazards and landslides are prevented during the proposed surface mining activity. *Be specific in describing (on additional sheets) how each method is to be used.*

- ☒ Sediment Ponds Locate on map and identify by name and number. (Submit a Pond/Impoundment Design for each sediment pond and attach plan views or cross-sections when needed as supplemental information.)

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- ☐ Diversions Locate on map and describe by plan views or cross-sections.

- | | | | |
|--|--|----------------|------------------------|
| <input checked="" type="checkbox"/> Protective Cover | <input checked="" type="checkbox"/> Temporary Vegetation | <u>Species</u> | <u>Pounds per Acre</u> |
| | | Wheat | 50 |

- ☐ Mulch
- ☐ Dikes ☐ Locate on map and give dimensions. (Attach plan views and cross sections when needed as supplemental information.)
- ☐ Other ☐ Describe:

21. Identify measures to be taken by the applicant to provide for public safety in and around the proposed mine site.

- ☒ Berm Construction ☐ Fencing
- ☒ Warning Signs ☒ Traffic Control
- ☒ Screen Plantings ☐ Blast Warning Signals & Signs, and "Blasting Area" Signs
- ☐ Guardrails ☐ Other (describe):

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22. Will explosives be used to facilitate the mining and reclamation process? ☐ Yes, ☒ No If "yes," submit Industrial Minerals Blasting Plan.

GROUNDWATER PROTECTION

23. Do acid-forming strata exist within the proposed permit area? ☐ Yes, ☒ No If "yes," list the acid-forming strata to be affected in the permit area. Describe in detail the specific practices to be employed during mining and reclamation, including any treatment procedures and facilities to minimize acid water drainage and the accumulation of acid water and to prevent damage to adjoining property resulting from such drainage or accumulation.

| | | |
|---|--|--|
| ACID-FORMING STRATA: List in detail any and all potentially acid forming strata found on the proposed permit area. | | |
| | | |
| | | |

Identify and describe the practices that you will employ to prevent acid water damage and the accumulation of acid water. Be specific.

N/A

24. To ensure contamination, resulting from mining, of underground water supplies is prevented, describe how the applicant will:

A. Promptly seal all auger holes;

N/A

B. Cover acid-producing materials;

N/A

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C. Seal all shafts, boreholes, wells and other openings which are intercepted during mining;

N/A

D. Seal intercepted underground mines.

N/A

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GROUNDWATER MODELING Information

☒ If Renewal, mark "X" and skip to question 24.

25. Will you be pumping and discharging water to facilitate mining?

☐ Yes, ☒ No If "yes," submit groundwater modeling attachment(s) as outlined in the Operator's Guidelines. Section 1514.02(A)(16) of the Revised Code requires that an applicant submit a compilation of data in a form that is suitable to conduct ground water modeling to establish a projected cone of depression.

RECLAMATION PLAN & SCHEDULE

26. For each mining area, specifically identify the future intended land use and fully describe the sequence of steps that will be used to prepare the land for its future intended use. Also describe steps that will be taken to achieve soil stability, prevent landslides, erosion and sedimentation. Be specific in addressing the use of overburden, backfilling, grading, terracing, contouring, degree of final slopes and any other related activity.

To prepare the site for commercial development. Remaining topsoil and overburden will be stored in berms on-site. If necessary, additional clean fill will be imported.

The remaining sand and gravel deposits mined both above and below the water table. The slopes above water will be graded at a ratio of 3:1, re-soiled and re-seeded. Permanent vegetation will be established in areas outside of any planned commercial buildings or structures developed on the site.

27. Identify and describe the anticipated timeframe between the completion of mining in an area and the completion of all grading and planting.

A. Will grading, resoiling and planting be completed within one year following the completion of mining in an area? ☒ Yes, ☐ No If "no," describe the reason for requesting additional time.

B. Will permanent planting be completed immediately following any required grading and resoiling of an area affected, or during the next growing season following resoiling?

☐ Immediately following grading and resoiling

☒ During next growing season

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If "during next growing season," describe the reason for requesting additional time.

Dependent upon the time of year when grading is completed; establishment of seed is based primarily on weather conditons.

- C. Will permanent vegetation be established and maintained for two (2) growing seasons following planting? ☒ Yes, ☐ No If "no," describe the reason for requesting additional time.

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- D. Will ALL reclamation requirements be completed within three years following the completion of mining in an area? ☒ Yes, ☐ No If "no," describe the reason for requesting additional time.

28. Will permanent impoundments be left following mining and reclamation? ☒ Yes, ☐ No If "yes," complete the table below, including information for all proposed permanent impoundments. *Add additional sheets if necessary.*

| | Impoundment #1 | Impoundment #2 | Impoundment #3 |
|---|---|--|--|
| Estimated elevation of high water mark in ft/msl | 496 msl | | |
| Estimated Surface Area | 33 | | |
| Estimated Average Depth | 20 | | |
| Estimated Maximum Depth | 25 | | |
| Is the Impoundment Designed to Discharge ¹ | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Primary Water Source: Ground or Surface Water | Groundwater | | |

¹For EACH impoundment designed to discharge water into a stream or other drainage area, the applicant MUST complete a **Pond/Impoundment Design**. Also, impoundments designed to discharge may require NPDES permits from the Ohio Environmental Protection Agency. The issuance of a surface mining permit does **NOT** exempt operators from obtaining all other necessary state and federal permits.

29. Describe all measures that you will take to prevent contamination of water in each of the impoundments described above.

We do not plan to introduce any contaminants on site. The local zoning certificate prohibits storage of fuel and lubricants, etc. Despite this, we maintain a spill prevention plan.

30. A. What measures will you take upon completion of mining and reclamation to restrict access where access is not required by the intended future use of the impoundment?

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There are gates installed at the entrance, as well large berms and prominent No Trespassing signs.

- B. What measures will be taken to provide for safe and adequate egress from the impoundment?

Slopes will be maintained at 3:1 slope, and a haul road ramp will remain to provide safe egress.

31. Will highwalls be included in the final land form? ☐ Yes, ☒ No If "yes," applicants must provide the following information.

- A. Estimated proposed height of final highwall (in feet):
- B. If an impoundment is the proposed final land form, what will be the maximum height of exposed highwall above the high water mark of the impoundment?
- C. Describe in detail, the specific practices that will be employed to stabilize all remaining highwalls. Include information about the site-specific geological formation.
- D. What provisions will be made to provide for public safety and to restrict access to highwalls from above and provide egress from the pit area?

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RESOILING/REPLANTING PLAN

32. What material(s) will be used for resoiling upon completion of mining?

| Check All That Will Be Used | Material | Average Depth on Permit Area | Depth to be Redistributed for Reclamation |
|-------------------------------------|--------------------------------------|------------------------------|--|
| <input checked="" type="checkbox"/> | TOPSOIL | | 6" |
| <input checked="" type="checkbox"/> | SUBSOIL | | 6" |
| <input type="checkbox"/> | SUBSTITUTE* <i>Specify below</i> | | |

*If sufficient quantities of topsoil and subsoil do not exist for reclamation, specify what substitute resoiling material will be utilized to insure successful reclamation of the site? (*Identify stratum or mixture to be utilized and include evidence that the substitute resoiling material will support vegetation capable of self-regeneration and plant succession, including a standard soil test analysis.*)

Remaining topsoil and subsoil stored in berms on site. Additional soil may be imported if necessary. Topsoil will be seeded with a vegetative cover.

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33. Describe the plan for redistribution of topsoil and/or subsoil on all graded areas. Be specific.

Once the slopes are graded to 3:1 slope (18 degrees), topsoil and subsoil will be used to re-soil the slopes above water using either pans or bulldozers.

34. Describe how the seedbed will be prepared, planted and protected. (Include: equipment, lime and fertilizer to be used per soil test results, moisture retention and erosion control methods to be employed.)

The resoiled area will be dragged or disked or harrowed. Fertilizer will be added pursuant to standard soil test. The area will be mulched or hydroseeded.

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35. Identify the species and the amount of grasses, legumes and nurse crops that will be planted to vegetate areas affected by the surface mining operation:

RECLAMATION PLANTING LIST

| GRASSES (specify a minimum of 2 species) | Pounds Per Acre to be Planted |
|--|--|
| Orchard grass | 25 |
| Kentucky #31 | 25 |
| LEGUMES (specify a minimum of 2 species) | Pounds Per Acre to be Planted |
| Asike Clover | 25 |
| Red clover | 25 |
| NURSE CROPS (fast growing species to establish quick cover) | Bushels/Pounds Per Acre to be Planted |
| Wheat | 50 |
| TREES (list species) | Seedlings Per Acre to be Planted |
| N/A | |
| OTHER (Agricultural crops, Wildlife Species, etc.) | Seeding/Planting Rate |
| N/A | |

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Signature Page and Statement of Accuracy

ALL INFORMATION AND DATA PROVIDED IN THIS APPLICATION, ANY APPLICABLE EXHIBITS AND ATTACHMENTS THERETO ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signed on this 23rd day of August, 2018.

Signed: _____

Printed Name and Title: ZACHARY K. PETERSON, General Counsel: CFO

Submit three (3) copies of any new surface mining permit application with at least one containing all necessary original signatures to:

Ohio Department of Natural Resources
Division of Mineral Resources Management
Permitting Section
2045 Morse Road, Building H-3
Columbus, OH 43229-6693

New permit applications forwarded directly by the applicant to the DMRM regional office(s) will result in a delay in the review and processing of the application.

Renewal permit applications should be submitted in triplicate to the appropriate regional office.

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Landscaping • Topsoil • Mulch • Flatrock
Gravel • Sand • Stone • Equipment
Land Clearing • Demolition • Firewood



August 27, 2018

Attn: Richard L. Pennington
Mineral Resources Inspector
ODNR, Division of Mineral Resources Management
505 South State Route 741
Lebanon, OH 45036-9518

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Lebanon Office

Re: Evans Gravel, Inc. IM-2181 Zoning Compliance

Dear Sir,

During the term of any permit issued under Chapter 1514 of the Ohio Revised Code or any renewal of such a permit, the applicant will comply with all applicable zoning resolutions or ordinances that are in effect at the time the application is filed unless the resolutions or ordinances subsequently become invalid during the term of the permit or renewal

Signature of Applicant

CFO/G.C.

Title

8/27/18

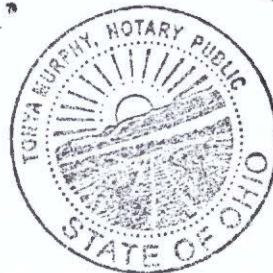
Date

ACKNOWLEDGED BEFORE ME, A NOTARY PUBLIC THIS 27 DAY OF August
2018

Signature of Notary Public

exp. 3/31/2022

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EVANLAN-01

XGSAKOKOLUS

DATE (MM/DD/YYYY)

12/12/2018

CERTIFICATE OF LIABILITY INSURANCE

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

| | | | |
|---|--|-----------------------|---------------|
| PRODUCER AssuredPartners of South Carolina, LLC - Columbia PO Box 21627 Columbia, SC 29221-1627 | CONTACT NAME: Emily Ruehl | FAX (A/C, No): | |
| | PHONE (A/C, No, Ext): | | |
| INSURED Evans Landscaping Inc. 4229 Round Bottom Rd Newtown, OH 45244 | E-MAIL ADDRESS: | | |
| | INSURER(S) AFFORDING COVERAGE | | NAIC # |
| | INSURER A : Zurich American Insurance Co | 16535 | |
| | INSURER B : American Guarantee & Liability Insurance Co | 26247 | |
| | INSURER C : Bridgefield Casualty Insurance Co | 10335 | |
| | INSURER D : | | |
| INSURER E : | | | |
| INSURER F : | | | |

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | ADDL SUBR INSD WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS |
|----------|---|--------------------|----------------|-------------------------|-------------------------|--|
| A | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC OTHER: | | GLO-1073707-01 | 10/15/2018 | 10/15/2019 | EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/OP AGG \$ 2,000,000 OHIO STOP GAP \$ 1,000,000 |
| A | <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY | | BAP 1073709-01 | 10/15/2018 | 10/15/2019 | COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ |
| B | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED \$ RETENTION \$ | | AUC 1073551-01 | 10/15/2018 | 10/15/2019 | EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ \$ |
| C | <input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below | N/A | 0196-44146 | 10/15/2018 | 10/15/2019 | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E L EACH ACCIDENT \$ 1,000,000 E L DISEASE - EA EMPLOYEE \$ 1,000,000 E L DISEASE - POLICY LIMIT \$ 1,000,000 |

RECEIVED

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Additional Named Insureds:
B C Property Development Company LLC
B.E.E. Holdings Limited Partnership
B.E.E. Properties Inc.
Banshee 352, LLC
BRL Properties LLC
Broadwell Factory Group LLC
SEE ATTACHED ACORD 101

JAN 7 2019

ORIGINAL

ODNR - DMRM
Lebanon Office

CERTIFICATE HOLDER

CANCELLATION

FOR INFORMATIONAL PURPOSES ONLY

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



AGENCY CUSTOMER ID: EVANLAN-01

XGSAKOKOLUS

LOC #: 1

ADDITIONAL REMARKS SCHEDULE

Page 1 of 1

| | | |
|---|----------------------|--|
| AGENCY AssuredPartners of South Carolina, LLC - Columbia | | NAMED INSURED Evans Landscaping Inc. 4229 Round Bottom Rd Newtown, OH 45244 |
| POLICY NUMBER SEE PAGE 1 | | |
| CARRIER SEE PAGE 1 | NAIC CODE SEE P 1 | EFFECTIVE DATE: SEE PAGE 1 |

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance

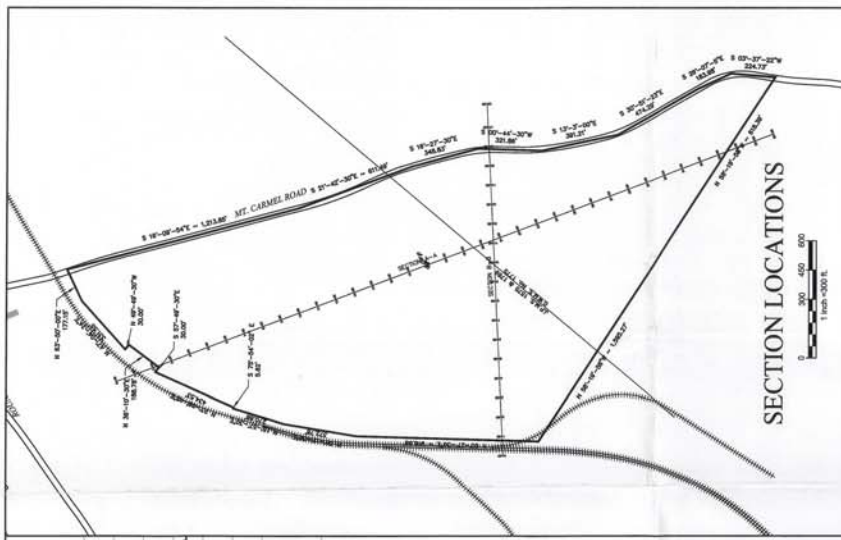
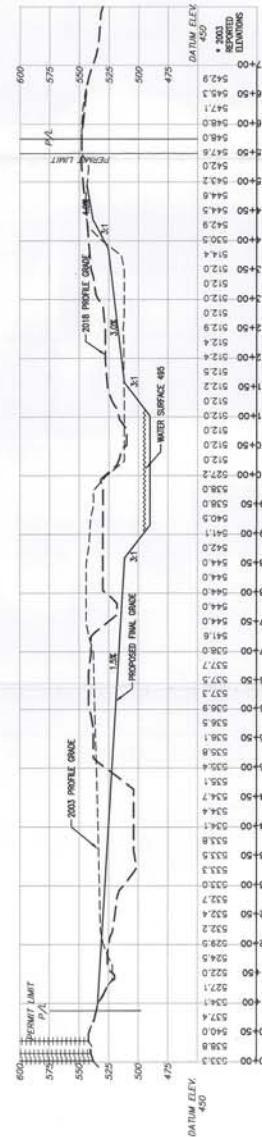
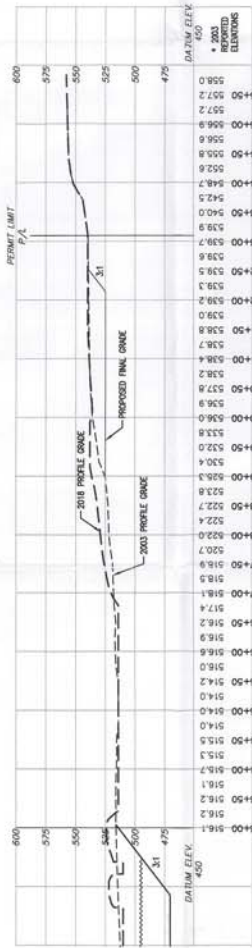
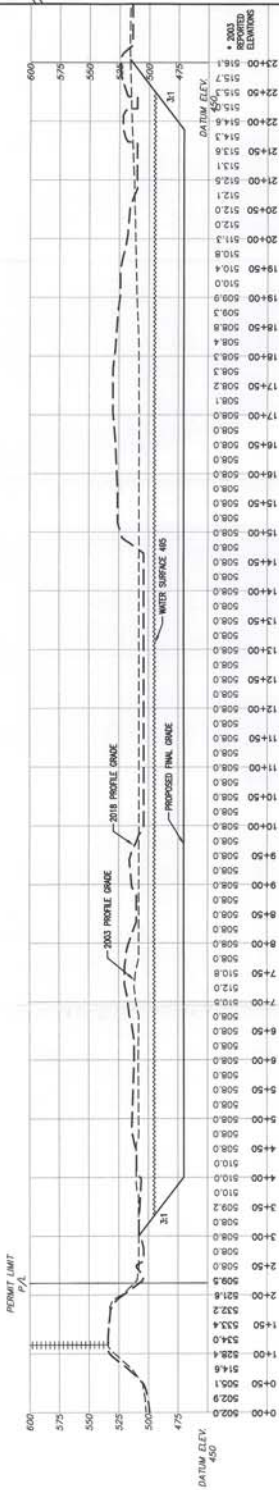
Description of Operations/Locations/Vehicles:
Broadwell Investment Co LLC
Broadwell Property Co LLC
BTR Leasing LLC
Church Street Homes LLC
DLE Properties LLC
Evans Gravel Company, Inc.
Evans Transport Inc.
Mt Carmel Development Company LLC
Mt Carmel Farms LLC
Roundbottom Rental LLC

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JAN 7 2019

ODNR - DMRM
Lebanon Office

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DEC 4 2000
RESOURCES MANAGEMENT

ORIGINAL

| NO. | DATE | GENERAL REVISIONS |
|-----|----------|-------------------|
| 1 | 07-25-18 | PROFILE UPDATE |
| 2 | 12-01-18 | PERMIT RENEWAL |

SURFACE MINE PERMIT MAP YR-15 (RENEWAL)
EVANS GRAVEL, INC. (S+M)

CONTOUR INT-2
UTM COORDINATES:
N43390 E7327
5525 QUAD: MACDRIA

LOCATED IN:
MILITARY SURVEYS: JMM5 1575 & 1709 / OWM5 1775
4329 ROUNDBOTTOM ROAD
ANDERSON TOWNSHIP
HAMILTON COUNTY, OHIO

IM-2181

PREPARED BY: _____
Calibre Engineering
 10534-B Success Lane
 Centerville, OH 45458
 Phone/Fax 937.855.9380
 CalibreEng@aol.com

DES. _____ A.H. CONTRACT NO. _____ 2018128
 DR. _____ SCALE _____ 1"=100'
 CDD. _____ A.H. DATE: _____ DECEMBER 01, 2018
 SHEET NO. _____ 1 _____ OF _____ 1



ring

OF
SHEET NO. 1 OF 1
Cantonville, ON 49388
Phone/Fax 937.885.9388
CalibreEngineering.com



EXHIBIT D

Keating Muething & Klekamp PLL
Attorneys at Law

One East Fourth Street | Suite 1400 | Cincinnati, Ohio 45202
P: 513.579.6400 | F: 513.579.6457 | kmklaw.com

Application No. OH0150100

Action Date: February 16, 2021

Effective Date: March 1, 2021

Expiration Date: February 28, 2026

Ohio Environmental Protection Agency
Authorization to Discharge Under the
National Pollutant Discharge Elimination System

In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et. seq., hereinafter referred to as the "Act"), and the Ohio Water Pollution Control Act (Ohio Revised Code Section 6111),

Doug Evans
Evans Gravel, Inc.

is authorized by the Ohio Environmental Protection Agency, hereinafter referred to as "Ohio EPA," to discharge process waste water and stormwater from the Evans Gravel, Inc. quarry located at 4455 Mt. Carmel Road, Cincinnati, Ohio, Hamilton County 45244 and discharging to an unnamed tributary to the Little Miami River in accordance with the conditions specified in Parts I, II, III, IV, V, and VI of this permit.

In accordance with the antidegradation rule, OAC 3745-1-05, I have determined that a lowering of water quality in an unnamed tributary of the Little Miami River and subsequently the Little Miami River is necessary. Provision (D)(1)(h) was applied to this application. This provision excludes the need for the submittal and subsequent review of technical alternatives and social and economic issues related to the degradation. Other rule provisions, however, including public participation and appropriate intergovernmental coordination were required and considered prior to reaching this decision.

This permit is conditioned upon payment of applicable fees as required by Section 3745.11 of the Ohio Revised Code.

This permit and the authorization to discharge shall expire at midnight on the expiration date shown above. In order to receive authorization to discharge beyond the above date of expiration, the permittee shall submit such information and forms as are required by the Ohio EPA no later than 180 days prior to the above date of expiration.

Laurie A. Stevenson
Director

Total Pages: 55

Part I, A. - INTERIM EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit and lasting until the end of the 36th month, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from outfall 11J00143001. See Part II, OTHER REQUIREMENTS, for locations of effluent sampling.

Table - Final Outfall - 001 - Initial

| <u>Effluent Characteristic</u> | | <u>Discharge Limitations</u> | | | <u>Monitoring Requirements</u> | | | |
|---------------------------------------|---------------|------------------------------|-----------------|---------|--------------------------------|---------------------|---------------------|-------------------|
| Parameter | Concentration | | Specified Units | | Loading* kg/day | Measuring Frequency | Sampling Type | Monitoring Months |
| | Maximum | Minimum | Weekly | Monthly | | | | |
| 00400 - pH - S.U. | 9.0 | 6.5 | - | - | - | 1/Week | Grab | All |
| 00530 - Total Suspended Solids - mg/l | 65 | - | - | - | - | 1/Week | Grab | All |
| 50050 - Flow Rate - MGD | - | - | - | - | - | When Disch. | 24hr Total Estimate | All |

Notes for Station Number 11J00143001:

- Sampling shall be performed when discharging. If NO DISCHARGE OCCURS DURING THE ENTIRE MONTH, check the "No Discharge" box at the top of the e-DMR. Pin the e-DMR.
- Grab Samples - See Part II, Item D.
- Non-Compliance Notification - See Part III.12

Part I, A. - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

2. During the period beginning on the 37th month lasting until the expiration date of the permit, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from outfall 11J00143001. See Part II, OTHER REQUIREMENTS, for locations of effluent sampling.

Table - Final Outfall - 001 - Final - 001

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | |
|---------------------------------------|------------------------------|---------|-----------------|-----------------|--------------------------------|---------------------|-------------------|
| | Concentration | | Specified Units | Loading* kg/day | Measuring Frequency | Sampling Type | Monitoring Months |
| | Maximum | Minimum | Weekly | | | | |
| 00400 - pH - S.U. | 9.0 | 6.5 | - | - | 1/Week | Grab | All |
| 00530 - Total Suspended Solids - mg/l | 45 | - | - | 30 | 1/Week | Grab | All |
| 50050 - Flow Rate - MGD | - | - | - | - | When Disch. | 24hr Total Estimate | All |

Notes for Station Number 11J00143001:

- Sampling shall be performed when discharging. If NO DISCHARGE OCCURS DURING THE ENTIRE MONTH, check the "No Discharge" box at the top of the e-DMR. Pin the e-DMR.
- Grab Samples - See Part II, Item D.
- Non-Compliance Notification - See Part III.12

Part I, A. - INTERIM EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

3. During the period beginning on the effective date of this permit and lasting until the end of the 36th month, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from outfall 11J00143002. See Part II, OTHER REQUIREMENTS, for locations of effluent sampling.

Table - Final Outfall - 002 - Initial

| <u>Effluent Characteristic</u> | | <u>Discharge Limitations</u> | | | <u>Monitoring Requirements</u> | | | |
|---------------------------------------|--|-------------------------------|---------|-----------------|--------------------------------|---------------|---------------------|-----|
| Parameter | | Concentration Specified Units | | Loading* kg/day | Measuring Frequency | Sampling Type | Monitoring Months | |
| | | Maximum | Minimum | | | | | |
| 00400 - pH - S.U. | | 9.0 | 6.5 | - | - | 1/Week | Grab | All |
| 00530 - Total Suspended Solids - mg/l | | 65 | - | - | - | 1/Week | Grab | All |
| 50050 - Flow Rate - MGD | | - | - | - | - | When Disch. | 24hr Total Estimate | All |

Notes for Station Number 11J00143002:

- Sampling shall be performed when discharging. If NO DISCHARGE OCCURS DURING THE ENTIRE MONTH, check the "No Discharge" box at the top of the e-DMR. Pin the e-DMR.
- Grab Samples - See Part II, Item D.
- Non-Compliance Notification - See Part III.12

Part I, A. - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

4. During the period beginning on the 37th month lasting until the expiration date of the permit, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from outfall 11J00143002. See Part II, OTHER REQUIREMENTS, for locations of effluent sampling.

Table - Final Outfall - 002 - Final

| Effluent Characteristic | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | |
|---------------------------------------|-------------------------------|---------|-----------------|---------|--------------------------------|---------------------|-------------------|
| | Concentration Specified Units | | Loading* kg/day | | Measuring Frequency | Sampling Type | Monitoring Months |
| | Maximum | Minimum | Weekly | Monthly | | | |
| 00400 - pH - S.U. | 9.0 | 6.5 | - | - | 1/Week | Grab | All |
| 00530 - Total Suspended Solids - mg/l | 45 | - | - | 30 | 1/Week | Grab | All |
| 50050 - Flow Rate - MGD | - | - | - | - | When Disch. | 24hr Total Estimate | All |

Notes for Station Number 11J00143002:

- Sampling shall be performed when discharging. If NO DISCHARGE OCCURS DURING THE ENTIRE MONTH, check the "No Discharge" box at the top of the e-DMR. Pin the e-DMR.
- Grab Samples - See Part II, Item D.
- Non-Compliance Notification - See Part III.12

Part I, A. - INTERIM EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

5. During the period beginning on the effective date of this permit and lasting until the end of the 36th month, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from outfall 11J00143003. See Part II, OTHER REQUIREMENTS, for locations of effluent sampling.

Table - Final Outfall - 003 - Initial

| <u>Effluent Characteristic</u> | | <u>Discharge Limitations</u> | | | <u>Monitoring Requirements</u> | | |
|---------------------------------------|--|-------------------------------|---------|-----------------------------------|--------------------------------|------------------------|----------------------|
| Parameter | | Concentration Specified Units | | Loading* kg/day Weekly Monthly | Measuring Frequency | Sampling Type | Monitoring Months |
| | | Maximum | Minimum | | | | |
| 00400 - pH - S.U. | | 9.0 | 6.5 | - | 1/Week | Grab | All |
| 00530 - Total Suspended Solids - mg/l | | 65 | - | - | 1/Week | Grab | All |
| 50050 - Flow Rate - MGD | | - | - | - | When Disch. | 24hr Total Estimate | All |

Notes for Station Number 11J00143003:

- Sampling shall be performed when discharging. If NO DISCHARGE OCCURS DURING THE ENTIRE MONTH, check the "No Discharge" box at the top of the e-DMR. Pin the e-DMR.
- Grab Samples - See Part II, Item D.
- Non-Compliance Notification - See Part III.12

Part I, A. - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

6. During the period beginning on the 37th month lasting until the expiration date of the permit, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from outfall 11J00143003. See Part II, OTHER REQUIREMENTS, for locations of effluent sampling.

Table - Final Outfall - 003 - Final

| <u>Effluent Characteristic</u> | <u>Discharge Limitations</u> | | | | <u>Monitoring Requirements</u> | | |
|---------------------------------------|------------------------------|---------|-----------------|---------|--------------------------------|---------------------|-------------------|
| Parameter | Concentration | | Loading* kg/day | | Measuring Frequency | Sampling Type | Monitoring Months |
| | Maximum | Minimum | Weekly | Monthly | | | |
| 00400 - pH - S.U. | 9.0 | 6.5 | - | - | 1/Week | Grab | All |
| 00530 - Total Suspended Solids - mg/l | 45 | - | - | 30 | 1/Week | Grab | All |
| 50050 - Flow Rate - MGD | - | - | - | - | When Disch. | 24hr Total Estimate | All |

Notes for Station Number 11J00143003:

- Sampling shall be performed when discharging. If NO DISCHARGE OCCURS DURING THE ENTIRE MONTH, check the "No Discharge" box at the top of the e-DMR. Pin the e-DMR.
- Grab Samples - See Part II, Item D.
- Non-Compliance Notification - See Part III.12

Part I, C. SCHEDULE OF COMPLIANCE

A. Total Suspended Solids

1. The permittee shall achieve compliance with the final effluent limitations for outfall(s) 1IJ00143001, 1IJ00143002, and 1IJ00143003 as specified in Part I.A. of this NPDES permit as expeditiously as practicable but no later than the dates included in the following schedule:

a. No later than 12 months from the effective date of this permit, the permittee shall submit a status report detailing the progress made toward achieving final effluent limitations. (EVENT CODE: 95999)

b. No later than 24 months from the effective date of this permit, the permittee shall meet final effluent limitations. The permittee shall submit a final report detailing methods employed to meet final effluent limitations. (EVENT CODE: 5699)

See Part III.12 - Non-Compliance Notification

Part II, OTHER REQUIREMENTS

A. Discharge of leachate, truck/equipment wash water, drained free liquids, contaminated storm water as defined in 40 CFR 445.2(b), and landfill wastewater as defined in 40 CFR 445.2(f) are prohibited.

See Part III.12 - Non-Compliance Notification

B. Description of the location of the required sampling stations are as follows:

| Sampling Station | Description of Location |
|------------------|---|
| 1IJ00143001 | Final effluent from the Freshwater Pond prior to discharge to an unnamed tributary of the Little Miami River (Lat: 39 N 08' 27.6"; Long: 84 W 18' 40.5") |
| 1IJ00143002 | Wheel wash effluent prior to discharge to an unnamed tributary of the Little Miami River (Lat: 39 N 08' 29.0"; Long: 84 W 18' 41.9") |
| 1IJ00143003 | Effluent from solids dewatering and stormwater prior to discharge to an unnamed tributary to the Little Miami River (Lat: 39 N 08' 49.1"; Long: 84 W 18' 47.0") |

C. This permit shall be modified, or alternatively, revoked and reissued, to comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act, if the effluent standard or limitation so issued or approved.

1. Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
2. Controls any pollutant not limited in the permit.

The permit as modified or reissued under this paragraph shall also contain any other requirements of the Act then applicable.

D. Grab samples shall be collected at such times and locations, and in such fashion, as to be representative of the facility's performance.

E. Water quality-based permit limitations in this permit may be revised based on updated waste load allocations or use designation rules. This permit may be modified, or revoked and reissued, to include new water quality-based effluent limits or other conditions that are necessary to comply with a revised waste load allocation, or an approved total maximum daily loads (TMDL) report as required under Section 303 (d) of the Clean Water Act.

F. Not later than 4 months from the effective date of this permit, the permittee shall post a permanent marker on the stream bank at outfall 1IJ00143003 which discharges to an unnamed tributary to the Little Miami River. The marker shall consist at a minimum of the name of the establishment to which the permit was issued, the Ohio EPA permit number, and the outfall number and a contact telephone number. The information shall be printed in letters not less than two inches in height. The marker shall be a minimum of 2 feet by 2 feet and shall be a minimum

of 3 feet above ground level. The sign shall not be obstructed such that persons in boats or persons swimming on the river or someone fishing or walking along the shore cannot read the sign. Vegetation shall be periodically removed to keep the sign visible. If the outfall is normally submerged the sign shall indicate that. If the outfall is a combined sewer outfall, the sign shall indicate that untreated human sewage may be discharged from the outfall during wet weather and that harmful bacteria may be present in the water.

PART III - GENERAL CONDITIONS

1. DEFINITIONS

"Daily discharge" means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

"Average weekly" discharge limitation means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week. Each of the following 7-day periods is defined as a calendar week: Week 1 is Days 1 - 7 of the month; Week 2 is Days 8 - 14; Week 3 is Days 15 - 21; and Week 4 is Days 22 - 28. If the "daily discharge" on days 29, 30 or 31 exceeds the "average weekly" discharge limitation, Ohio EPA may elect to evaluate the last 7 days of the month as Week 4 instead of Days 22 - 28. Compliance with fecal coliform bacteria or E coli bacteria limitations shall be determined using the geometric mean.

"Average monthly" discharge limitation means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month. Compliance with fecal coliform bacteria or E coli bacteria limitations shall be determined using the geometric mean.

"85 percent removal" means the arithmetic mean of the values for effluent samples collected in a period of 30 consecutive days shall not exceed 15 percent of the arithmetic mean of the values for influent samples collected at approximately the same times during the same period.

"Absolute Limitations" Compliance with limitations having descriptions of "shall not be less than," "not greater than," "shall not exceed," "minimum," or "maximum" shall be determined from any single value for effluent samples and/or measurements collected.

"Net concentration" shall mean the difference between the concentration of a given substance in a sample taken of the discharge and the concentration of the same substances in a sample taken at the intake which supplies water to the given process. For the purpose of this definition, samples that are taken to determine the net concentration shall always be 24-hour composite samples made up of at least six increments taken at regular intervals throughout the plant day.

"Net Load" shall mean the difference between the load of a given substance as calculated from a sample taken of the discharge and the load of the same substance in a sample taken at the intake which supplies water to given process. For purposes of this definition, samples that are taken to determine the net loading shall always be 24-hour composite samples made up of at least six increments taken at regular intervals throughout the plant day.

"MGD" means million gallons per day.

"mg/l" means milligrams per liter.

"ug/l" means micrograms per liter.

"ng/l" means nanograms per liter.

"S.U." means standard pH unit.

"kg/day" means kilograms per day.

"Reporting Code" is a five-digit number used by the Ohio EPA in processing reported data. The reporting code does not imply the type of analysis used nor the sampling techniques employed.

"Quarterly (1/Quarter) sampling frequency" means the sampling shall be done in the months of March, June, August, and December, unless specifically identified otherwise in the Effluent Limitations and Monitoring Requirements table.

"Yearly (1/Year) sampling frequency" means the sampling shall be done in the month of September, unless specifically identified otherwise in the effluent limitations and monitoring requirements table.

"Semi-annual (2/Year) sampling frequency" means the sampling shall be done during the months of June and December, unless specifically identified otherwise.

"Winter" shall be considered to be the period from November 1 through April 30.

"Bypass" means the intentional diversion of waste streams from any portion of the treatment facility.

"Summer" shall be considered to be the period from May 1 through October 31.

"Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

"Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

"Sewage sludge" means a solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in a treatment works as defined in section 6111.01 of the Revised Code. "Sewage sludge" includes, but is not limited to, scum or solids removed in primary, secondary, or advanced wastewater treatment processes. "Sewage sludge" does not include ash generated during the firing of sewage sludge in a sewage sludge incinerator, grit and screenings generated during preliminary treatment of domestic sewage in a treatment works, animal manure, residue generated during treatment of animal manure, or domestic septage.

"Sewage sludge weight" means the weight of sewage sludge, in dry U.S. tons, including admixtures such as liming materials or bulking agents. Monitoring frequencies for sewage sludge parameters are based on the reported sludge weight generated in a calendar year (use the most recent calendar year data when the NPDES permit is up for renewal).

"Sewage sludge fee weight" means the weight of sewage sludge, in dry U.S. tons, excluding admixtures such as liming materials or bulking agents. Annual sewage sludge fees, as per section 3745.11(Y) of the Ohio Revised Code, are based on the reported sludge fee weight for the most recent calendar year.

2. GENERAL EFFLUENT LIMITATIONS

The effluent shall, at all times, be free of substances:

A. In amounts that will settle to form putrescent, or otherwise objectionable, sludge deposits; or that will adversely affect aquatic life or waterfowl.

B. Of an oily, greasy, or surface-active nature, and of other floating debris, in amounts that will form noticeable accumulations of scum, foam or sheen;

C. In amounts that will alter the natural color or odor of the receiving water to such degree as to create a nuisance;

D. In amounts that either singly or in combination with other substances are toxic to human, animal, or aquatic life;

E. In amounts that are conducive to the growth of aquatic weeds or algae to the extent that such growths become inimical to more desirable forms of aquatic life, or create conditions that are unsightly, or constitute a nuisance in any other fashion;

F. In amounts that will impair designated instream or downstream water uses.

3. FACILITY OPERATION AND QUALITY CONTROL

All wastewater treatment works shall be operated in a manner consistent with the following:

A. At all times, the permittee shall maintain in good working order and operate as efficiently as possible all treatment or control facilities, or systems installed or used by the permittee necessary to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance also include adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with conditions of the permit.

B. The permittee shall effectively monitor the operation and efficiency of treatment and control facilities and the quantity and quality of the treated discharge.

C. Maintenance of wastewater treatment works that results in degradation of effluent quality shall be scheduled during non-critical water quality periods and shall be carried out in a manner approved by Ohio EPA as specified in the Paragraph in the PART III entitled, "UNAUTHORIZED DISCHARGES".

4. REPORTING

A. Monitoring data required by this permit shall be submitted monthly on Ohio EPA 4500 Discharge Monitoring Report (DMR) forms using the electronic DMR (e-DMR) internet application. e-DMR allows permitted facilities to enter, sign, and submit DMRs on the internet. e-DMR information is found on the following web page:

<http://www.epa.ohio.gov/dsw/edmr/eDMR.aspx>

Alternatively, if you are unable to use e-DMR due to a demonstrated hardship, monitoring data may be submitted on paper DMR forms provided by Ohio EPA. Monitoring data shall be typed on the forms. Please contact Ohio EPA, Division of Surface Water at (614) 644-2050 if you wish to receive paper DMR forms.

B. DMRs shall be signed by a facility's Responsible Official or a Delegated Responsible Official (i.e. a person delegated by the Responsible Official). The Responsible Official of a facility is defined as:

1. For corporations - a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation; or the manager of one or more manufacturing, production or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; the manager can ensure that the

necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

2. For partnerships - a general partner;
3. For a sole proprietorship - the proprietor; or,
4. For a municipality, state or other public facility - a principal executive officer, a ranking elected official or other duly authorized employee.

For e-DMR, the person signing and submitting the DMR will need to obtain an eBusiness Center account and Personal Identification Number (PIN). Additionally, Delegated Responsible Officials must be delegated by the Responsible Official, either on-line using the eBusiness Center's delegation function, or on a paper delegation form provided by Ohio EPA. For more information on the PIN and delegation processes, please view the following web page:

<http://epa.ohio.gov/dsw/edmr/eDMR.aspx>

C. DMRs submitted using e-DMR shall be submitted to Ohio EPA by the 20th day of the month following the month-of-interest. DMRs submitted on paper must include the original signed DMR form and shall be mailed to Ohio EPA at the following address so that they are received no later than the 15th day of the month following the month-of-interest:

Ohio Environmental Protection Agency
Lazarus Government Center
Division of Surface Water - PCU
P.O. Box 1049
Columbus, Ohio 43216-1049

D. If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified in Section 5. SAMPLING AND ANALYTICAL METHODS, the results of such monitoring shall be included in the calculation and reporting of the values required in the reports specified above.

E. Analyses of pollutants not required by this permit, except as noted in the preceding paragraph, shall not be reported to the Ohio EPA, but records shall be retained as specified in Section 7. RECORDS RETENTION.

5. SAMPLING AND ANALYTICAL METHOD

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored flow. Test procedures for the analysis of pollutants shall conform to regulation 40 CFR 136, "Test Procedures for The Analysis of Pollutants" unless other test procedures have been specified in this permit. The permittee shall periodically calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.

6. RECORDING OF RESULTS

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- A. The exact place and date of sampling; (time of sampling not required on EPA 4500)
- B. The person(s) who performed the sampling or measurements;
- C. The date the analyses were performed on those samples;

- D. The person(s) who performed the analyses;
- E. The analytical techniques or methods used; and
- F. The results of all analyses and measurements.

7. RECORDS RETENTION

The permittee shall retain all of the following records for the wastewater treatment works for a minimum of three years except those records that pertain to sewage sludge disposal, use, storage, or treatment, which shall be kept for a minimum of five years, including:

- A. All sampling and analytical records (including internal sampling data not reported);
- B. All original recordings for any continuous monitoring instrumentation;
- C. All instrumentation, calibration and maintenance records;
- D. All plant operation and maintenance records;
- E. All reports required by this permit; and
- F. Records of all data used to complete the application for this permit for a period of at least three years, or five years for sewage sludge, from the date of the sample, measurement, report, or application.

These periods will be extended during the course of any unresolved litigation, or when requested by the Regional Administrator or the Ohio EPA. The three-year period, or five year period for sewage sludge, for retention of records shall start from the date of sample, measurement, report, or application.

8. AVAILABILITY OF REPORTS

Except for data determined by the Ohio EPA to be entitled to confidential status, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate district offices of the Ohio EPA. Both the Clean Water Act and Section 6111.05 Ohio Revised Code state that effluent data and receiving water quality data shall not be considered confidential.

9. DUTY TO PROVIDE INFORMATION

The permittee shall furnish to the Director, within a reasonable time, any information which the Director may request to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

10. RIGHT OF ENTRY

The permittee shall allow the Director or an authorized representative upon presentation of credentials and other documents as may be required by law to:

- A. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit.
- B. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit.
- C. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit.
- D. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location.

11. UNAUTHORIZED DISCHARGES

A. Bypass Not Exceeding Limitations - The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs 11.B and 11.C.

B. Notice

1. Anticipated Bypass - If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible, at least ten days before the date of the bypass.

2. Unanticipated Bypass - The permittee shall submit notice of an unanticipated bypass as required in paragraph 12.B (24-hour notice).

C. Prohibition of Bypass

1. Bypass is prohibited, and the Director may take enforcement action against a permittee for bypass, unless:

- a. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
- b. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
- c. The permittee submitted notices as required under paragraph 11.B.

2. The Director may approve an anticipated bypass, after considering its adverse effects, if the Director determines that it will meet the three conditions listed above in paragraph 11.C.1.

12. NONCOMPLIANCE NOTIFICATION

A. Exceedance of a Daily Maximum Discharge Limit

1. The permittee shall report noncompliance that is the result of any violation of a daily maximum discharge limit for any of the pollutants listed by the Director in the permit by e-mail or telephone within twenty-four (24) hours of discovery.

The permittee may report to the appropriate Ohio EPA district office e-mail account as follows (this method is preferred):

Southeast District Office: sedo24houmpdes@epa.state.oh.us

Southwest District Office: swdo24houmpdes@epa.state.oh.us

Northwest District Office: nwdo24houmpdes@epa.state.oh.us

Northeast District Office: nedo24houmpdes@epa.state.oh.us

Central District Office: cdo24houmpdes@epa.state.oh.us

Central Office: co24houmpdes@epa.state.oh.us

The permittee shall attach a noncompliance report to the e-mail. A noncompliance report form is available on the following web site under the Monitoring and Reporting - Non-Compliance Notification section:

<http://epa.ohio.gov/dsw/permits/individuals.aspx>

Or, the permittee may report to the appropriate Ohio EPA district office by telephone toll-free between 8:00 AM and 5:00 PM as follows:

Southeast District Office: (800) 686-7330

Southwest District Office: (800) 686-8930

Northwest District Office: (800) 686-6930

Northeast District Office: (800) 686-6330

Central District Office: (800) 686-2330

Central Office: (614) 644-2001

The permittee shall include the following information in the telephone noncompliance report:

- a. The name of the permittee, and a contact name and telephone number;
- b. The limit(s) that has been exceeded;
- c. The extent of the exceedance(s);
- d. The cause of the exceedance(s);
- e. The period of the exceedance(s) including exact dates and times;
- f. If uncorrected, the anticipated time the exceedance(s) is expected to continue; and,
- g. Steps taken to reduce, eliminate or prevent occurrence of the exceedance(s).

B. Other Permit Violations

1. The permittee shall report noncompliance that is the result of any unanticipated bypass resulting in an exceedance of any effluent limit in the permit or any upset resulting in an exceedance of any effluent limit in the permit by e-mail or telephone within twenty-four (24) hours of discovery.

The permittee may report to the appropriate Ohio EPA district office e-mail account as follows (this method is preferred):

Southeast District Office: sedo24hourmpdes@epa.state.oh.us

Southwest District Office: swdo24hourmpdes@epa.state.oh.us

Northwest District Office: nwdo24hourmpdes@epa.state.oh.us

Northeast District Office: nedo24hourmpdes@epa.state.oh.us

Central District Office: cdo24hourmpdes@epa.state.oh.us

Central Office: co24hourmpdes@epa.state.oh.us

The permittee shall attach a noncompliance report to the e-mail. A noncompliance report form is available on the following web site:

<http://www.epa.ohio.gov/dsw/permits/permits.aspx>

Or the permittee may report to the appropriate Ohio EPA district office by telephone toll-free between 8:00 AM and 5:00 PM as follows:

Southeast District Office: (800) 686-7330

Southwest District Office: (800) 686-8930

Northwest District Office: (800) 686-6930

Northeast District Office: (800) 686-6330

Central District Office: (800) 686-2330

Central Office: (614) 644-2001

The permittee shall include the following information in the telephone noncompliance report:

- a. The name of the permittee, and a contact name and telephone number;
- b. The time(s) at which the discharge occurred, and was discovered;
- c. The approximate amount and the characteristics of the discharge;
- d. The stream(s) affected by the discharge;
- e. The circumstances which created the discharge;
- f. The name and telephone number of the person(s) who have knowledge of these circumstances;
- g. What remedial steps are being taken; and,
- h. The name and telephone number of the person(s) responsible for such remedial steps.

2. The permittee shall report noncompliance that is the result of any spill or discharge which may endanger human health or the environment within thirty (30) minutes of discovery by calling the 24-Hour Emergency Hotline toll-free at (800) 282-9378. The permittee shall also report the spill or discharge by e-mail or telephone within twenty-four (24) hours of discovery in accordance with B.1 above.

C. When the telephone option is used for the noncompliance reports required by A and B, the permittee shall submit to the appropriate Ohio EPA district office a confirmation letter and a completed noncompliance report within five (5) days of the discovery of the noncompliance. This follow up report is not necessary for the e-mail option which already includes a completed noncompliance report.

D. If the permittee is unable to meet any date for achieving an event, as specified in a schedule of compliance in their permit, the permittee shall submit a written report to the appropriate Ohio EPA district office within fourteen (14) days of becoming aware of such a situation. The report shall include the following:

1. The compliance event which has been or will be violated;
2. The cause of the violation;
3. The remedial action being taken;
4. The probable date by which compliance will occur; and,
5. The probability of complying with subsequent and final events as scheduled.

E. The permittee shall report all other instances of permit noncompliance not reported under paragraphs A or B of this section on their monthly DMR submission. The DMR shall contain comments that include the information listed in paragraphs A or B as appropriate.

F. If the permittee becomes aware that it failed to submit an application or submitted incorrect information in an application or in any report to the director, it shall promptly submit such facts or information.

13. RESERVED

14. DUTY TO MITIGATE

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

15. AUTHORIZED DISCHARGES

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than, or at a level in excess of, that authorized by this permit shall constitute a violation of the terms and conditions of this permit. Such violations may result in the imposition of civil and/or criminal penalties as provided for in Section 309 of the Act and Ohio Revised Code Sections 6111.09 and 6111.99.

16. DISCHARGE CHANGES

The following changes must be reported to the appropriate Ohio EPA district office as soon as practicable:

A. For all treatment works, any significant change in character of the discharge which the permittee knows or has reason to believe has occurred or will occur which would constitute cause for modification or revocation and reissuance. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. Notification of permit changes or anticipated noncompliance does not stay any permit condition.

B. For publicly owned treatment works:

1. Any proposed plant modification, addition, and/or expansion that will change the capacity or efficiency of the plant;
2. The addition of any new significant industrial discharge; and
3. Changes in the quantity or quality of the wastes from existing tributary industrial discharges which will result in significant new or increased discharges of pollutants.

C. For non-publicly owned treatment works, any proposed facility expansions, production increases, or process modifications, which will result in new, different, or increased discharges of pollutants.

Following this notice, modifications to the permit may be made to reflect any necessary changes in permit conditions, including any necessary effluent limitations for any pollutants not identified and limited herein. A determination will also be made as to whether a National Environmental Policy Act (NEPA) review will be required. Sections 6111.44 and 6111.45, Ohio Revised Code, require that plans for treatment works or improvements to such works be approved by the Director of the Ohio EPA prior to initiation of construction.

D. In addition to the reporting requirements under 40 CFR 122.41(l) and per 40 CFR 122.42(a), all existing manufacturing, commercial, mining, and silvicultural dischargers must notify the Director as soon as they know or have reason to believe:

1. That any activity has occurred or will occur which would result in the discharge on a routine or frequent basis of any toxic pollutant which is not limited in the permit. If that discharge will exceed the highest of the "notification levels" specified in 40 CFR Sections 122.42(a)(1)(i) through 122.42(a)(1)(iv).
2. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the "notification levels" specified in 122.42(a)(2)(i) through 122.42(a)(2)(iv).

17. TOXIC POLLUTANTS

The permittee shall comply with effluent standards or prohibitions established under Section 307 (a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement. Following establishment of such standards or prohibitions, the Director shall modify this permit and so notify the permittee.

18. PERMIT MODIFICATION OR REVOCATION

A. After notice and opportunity for a hearing, this permit may be modified or revoked, by the Ohio EPA, in whole or in part during its term for cause including, but not limited to, the following:

1. Violation of any terms or conditions of this permit;
2. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
3. Change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge.

B. Pursuant to rule 3745-33-04, Ohio Administrative Code, the permittee may at any time apply to the Ohio EPA for modification of any part of this permit. The filing of a request by the permittee for a permit modification or revocation does not stay any permit condition. The application for modification should be received by the appropriate Ohio EPA district office at least ninety days before the date on which it is desired that the modification become effective. The application shall be made only on forms approved by the Ohio EPA.

19. TRANSFER OF OWNERSHIP OR CONTROL

This permit may be transferred or assigned and a new owner or successor can be authorized to discharge from this facility, provided the following requirements are met:

A. The permittee shall notify the succeeding owner or successor of the existence of this permit by a letter, a copy of which shall be forwarded to the appropriate Ohio EPA district office. The copy of that letter will serve as the permittee's notice to the Director of the proposed transfer. The copy of that letter shall be received by the appropriate Ohio EPA district office sixty (60) days prior to the proposed date of transfer;

B. A written agreement containing a specific date for transfer of permit responsibility and coverage between the current and new permittee (including acknowledgement that the existing permittee is liable for violations up to that date, and that the new permittee is liable for violations from that date on) shall be submitted to the appropriate Ohio EPA district office within sixty days after receipt by the district office of the copy of the letter from the permittee to the succeeding owner;

At anytime during the sixty (60) day period between notification of the proposed transfer and the effective date of the transfer, the Director may prevent the transfer if he concludes that such transfer will jeopardize compliance with the terms and conditions of the permit. If the Director does not prevent transfer, he will modify the permit to reflect the new owner.

20. OIL AND HAZARDOUS SUBSTANCE LIABILITY

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Clean Water Act.

21. SOLIDS DISPOSAL

Collected grit and screenings, and other solids other than sewage sludge, shall be disposed of in such a manner as to prevent entry of those wastes into waters of the state, and in accordance with all applicable laws and rules.

22. CONSTRUCTION AFFECTING NAVIGABLE WATERS

This permit does not authorize or approve the construction of any onshore or offshore physical structures or facilities or the undertaking of any work in any navigable waters.

23. CIVIL AND CRIMINAL LIABILITY

Except as exempted in the permit conditions on UNAUTHORIZED DISCHARGES or UPSETS, nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

24. STATE LAWS AND REGULATIONS

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation under authority preserved by Section 510 of the Clean Water Act.

25. PROPERTY RIGHTS

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

26. UPSET

The provisions of 40 CFR Section 122.41(n), relating to "Upset," are specifically incorporated herein by reference in their entirety. For definition of "upset," see Part III, Paragraph 1, DEFINITIONS.

27. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

28. SIGNATORY REQUIREMENTS

All applications submitted to the Director shall be signed and certified in accordance with the requirements of 40 CFR 122.22.

All reports submitted to the Director shall be signed and certified in accordance with the requirements of 40 CFR Section 122.22.

29. OTHER INFORMATION

A. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information.

B. ORC 6111.99 provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$25,000 per violation.

C. ORC 6111.99 states that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than \$25,000 per violation.

D. ORC 6111.99 provides that any person who violates Sections 6111.04, 6111.042, 6111.05, or division (A) of Section 6111.07 of the Revised Code shall be fined not more than \$25,000 or imprisoned not more than one year, or both.

30. NEED TO HALT OR REDUCE ACTIVITY

40 CFR 122.41(c) states that it shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with conditions of this permit.

31. APPLICABLE FEDERAL RULES

All references to 40 CFR in this permit mean the version of 40 CFR which is effective as of the effective date of this permit.

32. AVAILABILITY OF PUBLIC SEWERS

Notwithstanding the issuance or non-issuance of an NPDES permit to a semi-public disposal system, whenever the sewage system of a publicly owned treatment works becomes available and accessible, the permittee operating any semi-public disposal system shall abandon the semi-public disposal system and connect it into the publicly owned treatment works.

Part IV. Storm Water Control Measures and Pollution Prevention Programs

In Part IV and in Part VI, the term “minimize” means reduce and/or eliminate to the extent achievable using control measures (including best management practices) that are technologically available and economically practicable and achievable in light of best industry practice.

A. Control Measures.

You shall select, design, install, and implement control measures (including best management practices) to address the selection and design considerations in Part IV.B, and meet the control measures/best management practices in Part IV.C and any applicable numeric effluent limits in Part I. The selection, design, installation, and implementation of these control measures shall be in accordance with good engineering practices and manufacturer’s specifications. Note that you may deviate from such manufacturer’s specifications where you provide justification for such deviation and include documentation of your rationale in the part of your SWPPP that describes your control measures, consistent with Part IV.J.3. If you find that your control measures are not achieving their intended effect of minimizing pollutant discharges, you shall modify these control measures as expeditiously as practicable. Regulated storm water discharges from your facility include storm water run-on that commingles with storm water discharges associated with industrial activity at your facility.

B. Control Measure Selection and Design Considerations.

You shall consider the following when selecting and designing control measures:

1. Preventing storm water from coming into contact with polluting materials is generally more effective, and less costly, than trying to remove pollutants from storm water;
2. Using control measures in combination is more effective than using control measures in isolation for minimizing pollutants in your storm water discharge;
3. Assessing the type and quantity of pollutants, including their potential to impact receiving water quality, is critical to designing effective control measures that will achieve the limits in this permit;
4. Minimizing impervious areas at your facility and infiltrating runoff onsite (including bioretention cells, green roofs, and pervious pavement, among other approaches) can reduce runoff and improve groundwater recharge and stream base flows in local streams, although care shall be taken to avoid ground water contamination;
5. Attenuating flow using open vegetated swales and natural depressions can reduce in-stream impacts of erosive flows;
6. Conserving and/or restoring of riparian buffers will help protect streams from storm water runoff and improve water quality; and

7. Using treatment interceptors (e.g., swirl separators and sand filters) may be appropriate in some instances to minimize the discharge of pollutants.

C. Control Measures/Best Management Practices (BMPs)

1. Minimize Exposure. You shall minimize the exposure of manufacturing, processing, and material storage areas (including loading and unloading, storage, disposal, cleaning, maintenance, and fueling operations) to rain, snow, snowmelt, and runoff by either locating these industrial materials and activities inside or protecting them with storm resistant coverings (although significant enlargement of impervious surface area is not recommended). In minimizing exposure, you should pay particular attention to the following:
 - a. Use grading, berming, or curbing to prevent runoff of contaminated flows and divert run-on away from these areas;
 - b. Locate materials, equipment, and activities so that leaks are contained in existing containment and diversion systems (confine the storage of leaky or leak-prone vehicles and equipment awaiting maintenance to protected areas);
 - c. Clean up spills and leaks promptly using dry methods (e.g., absorbents) to prevent the discharge of pollutants;
 - d. Use drip pans and absorbents under or around leaky vehicles and equipment or store indoors where feasible;
 - e. Use spill/overflow protection equipment;
 - f. Drain fluids from equipment and vehicles prior to on-site storage or disposal;
 - g. Perform all cleaning operations indoors, under cover, or in bermed areas that prevent runoff and run-on and also that capture any overspray; and
 - h. Ensure that all washwater drains to a proper collection system (i.e., not the storm water drainage system).

The discharge of vehicle and equipment washwater, including tank cleaning operations, is not authorized by this permit.

2. Good Housekeeping. You shall keep clean all exposed areas that are potential sources of pollutants, using such measures as sweeping at regular intervals, keeping materials orderly and labeled, and storing materials in appropriate containers.
3. Maintenance. You shall regularly inspect, test, maintain, and repair all industrial equipment and systems to avoid situations that may result in leaks, spills, and other releases of pollutants in storm water discharged to receiving waters. You shall maintain all control measures that are used to achieve the control measures/best management practices (BMPs) required by this permit in

effective operating condition. Nonstructural control measures shall also be diligently maintained (e.g., spill response supplies available, personnel appropriately trained). If you find that your control measures need to be replaced or repaired, you shall make the necessary repairs or modifications as expeditiously as practicable.

4. Spill Prevention and Response Procedures. You shall minimize the potential for leaks, spills and other releases that may be exposed to storm water and develop plans for effective response to such spills if or when they occur. At a minimum, you shall implement:
 - a. Procedures for plainly labeling containers (e.g., “Used Oil,” “Spent Solvents,” “Fertilizers and Pesticides,” etc.) that could be susceptible to spillage or leakage to encourage proper handling and facilitate rapid response if spills or leaks occur;
 - b. Preventative measures such as barriers between material storage and traffic areas, secondary containment provisions, and procedures for material storage and handling;
 - c. Procedures for expeditiously stopping, containing, and cleaning up leaks, spills, and other releases. Employees who may cause, detect, or respond to a spill or leak shall be trained in these procedures and have necessary spill response equipment available. If possible, one of these individuals should be a member of your storm water pollution prevention team (Part IV.J.1); and
 - d. Where a leak, spill or other release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity established under either 40 CFR Part 110, 40 CFR Part 117, or 40 CFR Part 302, occurs during a 24-hour period, you shall notify the Ohio EPA in accordance with the requirements of Part III Item 12 of this permit.
5. Erosion and Sediment Controls. You shall stabilize exposed areas and contain runoff using structural and/or non-structural control measures to minimize onsite erosion and sedimentation, and the resulting discharge of pollutants. Among other actions you shall take to meet this limit, you shall place flow velocity dissipation devices at discharge locations and within outfall channels where necessary to reduce erosion and/or settle out pollutants. In selecting, designing, installing, and implementing appropriate control measures, you are encouraged to consult with the Ohio Department of Natural Resources (ODNR) Division of Soil and Water Conservation’s Rainwater and Land Development manual (http://epa.ohio.gov/dsw/storm/technical_guidance.aspx), U.S. EPA’s internet-based resources relating to BMPs for erosion and sedimentation, including the sector-specific *Industrial Storm Water Fact Sheet Series*, (www.epa.gov/npdes/stormwater/msgp), *National Menu of Storm Water BMPs* (www.epa.gov/npdes/stormwater/menuofbmps), and *National Management Measures to Control Nonpoint Source Pollution from Urban Areas* (www.epa.gov/owow/nps/urbanmm/index.html).
6. Management of Runoff. You shall divert, infiltrate, reuse, contain, or otherwise reduce storm water runoff, to minimize pollutants in your discharges. In selecting, designing, installing, and implementing appropriate control measures, you are encouraged to consult with the Ohio

Department of Natural Resources (ODNR) Division of Soil and Water Conservation's Rainwater and Land Development manual (http://epa.ohio.gov/dsw/storm/technical_guidance.aspx), U.S. EPA's internet-based resources relating to runoff management, including the sector-specific *Industrial Storm Water Fact Sheet Series*, (www.epa.gov/npdes/stormwater/msgp), *National Menu of Storm Water BMPs* (www.epa.gov/npdes/stormwater/menuofbmps), and *National Management Measures to Control Nonpoint Source Pollution from Urban Areas* (www.epa.gov/owow/nps/urbanmm/index.html).

7. Salt Storage Piles or Piles Containing Salt. You shall enclose or cover storage piles of salt, or piles containing salt, used for deicing or other commercial or industrial purposes, including maintenance of paved surfaces. You shall implement appropriate measures (e.g., good housekeeping, diversions, containment) to minimize exposure resulting from adding to or removing materials from the pile.
8. Sector Specific Control Measures/Best Management Practices (BMPs). You shall achieve any additional control measures/best management practices (BMPs) stipulated in the relevant sector-specific section(s) of Part IV.K. of this permit.
9. Employee Training. You shall train all employees who work in areas where industrial materials or activities are exposed to storm water, or who are responsible for implementing activities necessary to meet the conditions of this permit (e.g., inspectors, maintenance personnel), including all members of your Pollution Prevention Team. Training shall cover both the specific control measures used to achieve the conditions in this Part, and monitoring, inspection, planning, reporting, and documentation requirements in other parts of this permit. Ohio EPA requires that training be conducted at least annually (or more often if employee turnover is high).
10. Non-Storm Water Discharges. You shall eliminate non-storm water discharges not authorized in Part I and Part II of this NPDES permit. The following are additional non-storm water discharges authorized under this permit:
 - a. Discharges from fire-fighting activities (not planned exercises);
 - b. Fire hydrant flushings;
 - c. Potable water, including water line flushings;
 - d. Uncontaminated condensate from air conditioners, coolers/chillers, and other compressors and from the outside storage of refrigerated gases or liquids;
 - e. Irrigation drainage;
 - f. Landscape watering provided all pesticides, herbicides, and fertilizer have been applied in accordance with the approved labeling;
 - g. Pavement wash waters where no detergents or hazardous cleaning products are used (e.g., bleach, hydrofluoric acid, muriatic acid, sodium hydroxide, nonylphenols, etc.), and the wash

- waters do not come into contact with oil and grease deposits, sources of pollutants associated with industrial activities (see Part IV.J.2), or any other toxic or hazardous materials, unless residues are first cleaned up using dry clean-up methods (e.g., applying absorbent materials and sweeping, using hydrophobic mops/rags) and you have implemented appropriate control measures to minimize discharges of mobilized solids and other pollutants (e.g., filtration, detention, settlement);
- h. Routine external building washdown/power wash water that does not use detergents or hazardous cleaning products (e.g., those containing bleach, hydrofluoric acid, muriatic acid, sodium hydroxide, nonylphenols, etc.);
 - i. Uncontaminated ground water or spring water;
 - j. Foundation or footing drains where flows are not contaminated with process materials; and
 - k. Incidental windblown mist from cooling towers that collect on rooftops or adjacent portions of your facility, but not intentional discharges from the cooling tower (e.g., “piped” cooling tower blowdowns or drains).
11. Waste, Garbage and Floatable Debris. You shall ensure that waste, garbage, and floatable debris are not discharged to receiving waters by keeping exposed areas free of such materials or by intercepting them before they are discharged.
12. Dust Generation and Vehicle Tracking of Industrial Materials. You shall minimize generation of dust and off-site tracking of raw, final, or waste materials.

D. Corrective Actions

1. Conditions Requiring Review and Revision to Eliminate Problem. If any of the following conditions occur, you shall review and revise the selection, design, installation, and implementation of your control measures to ensure that the condition is eliminated and will not be repeated in the future:
- a. An unauthorized release or discharge (e.g., spill, leak, or discharge of non-storm water not authorized by this or another NPDES permit) occurs at your facility;
 - b. A discharge violates a numeric effluent limit;
 - c. You become aware, or Ohio EPA determines, that your control measures are not stringent enough for the discharge to meet applicable water quality standards;
 - d. An inspection or evaluation of your facility by an Ohio EPA official or local MS4 operator determines that modifications to the control measures are necessary to meet the control measures/best management practices (BMPs) in this permit; or

- e. You find in your routine facility inspection or quarterly visual assessment that your control measures are not being properly operated and maintained.
2. Conditions Requiring Review to Determine if Modifications Are Necessary. If any of the following conditions occur, you shall review the selection, design, installation, and implementation of your control measures to determine if modifications are necessary to meet the Part IV.A conditions in this permit:
- a. Construction or a change in design, operation, or maintenance at your facility significantly changes the nature of pollutants discharged in storm water from your facility, or significantly increases the quantity of pollutants discharged; or
 - b. Sampling results exceeds an applicable benchmark.
3. Corrective Action Deadlines. You shall document your discovery of any of the conditions listed in Part IV.D.1 and Part IV.D.2 within 24 hours of making such discovery. Subsequently, within 30 days of such discovery, you shall document any corrective action(s) to be taken to eliminate or further investigate the deficiency, or if no corrective action is needed, the basis for that determination. Specific documentation required within 24 hours and 30 days is detailed in Part IV.D.4. If you determine that changes are necessary following your review, any modifications to your control measures shall be made before the next storm event if possible, or as soon as practicable following that storm event. These time intervals are not grace periods, but are schedules considered reasonable for documenting your findings and for making repairs and improvements. They are included in this permit to ensure that the conditions prompting the need for these repairs and improvements are not allowed to persist indefinitely.
4. Corrective Action Report. Within 24 hours of discovery of any condition listed in Part IV.D.1 and Part IV.D.2, you shall document the following information (i.e., question 4 of the Corrective Actions section in the Annual Reporting Form, available at http://www.epa.state.oh.us/portals/35/permits/IndustrialStormWater_Final_GP_AppI_dec11.pdf):
- Identification of the condition triggering the need for corrective action review;
 - Description of the problem identified; and
 - Date the problem was identified.

Within 30 days of discovery of any condition listed in Part IV.D.1 and Part IV.D.2, you shall document the following information (i.e., questions 7-11 of the Corrective Actions section in the Annual Reporting Form):

- Summary of corrective action taken or to be taken (or, for triggering events identified in Part IV.D.2 where you determine that corrective action is not necessary, the basis for this determination);

- Notice of whether SWPPP modifications are required as a result of this discovery or corrective action;
- Date corrective action initiated; and
- Date corrective action completed or expected to be completed.

You shall include this documentation in an annual report as required in Part V. A.2 and retain onsite with your SWPPP.

5. Effect of Corrective Action. If the event triggering the review is a permit violation (e.g., non-compliance with an effluent limit), correcting it does not remove the original violation. Additionally, failing to take corrective action in accordance with this section is an additional permit violation. Ohio EPA will consider the appropriateness and promptness of corrective action in determining enforcement responses to permit violations.
6. Substantially Identical Outfalls. If the event triggering corrective action is linked to an outfall that represents other substantially identical outfalls, your review shall assess the need for corrective action for each outfall represented by the outfall that triggered the review. Any necessary changes to control measures that affect these other outfalls shall also be made before the next storm event if possible, or as soon as practicable following that storm event.

E. Inspections

Beginning on the effective date of this permit, you shall conduct the inspections in Part IV.E.1 and Part IV.E.2 at your facility.

1. Routine Facility Inspections.

- a. Conduct routine facility inspections of all areas of the facility where industrial materials or activities are exposed to storm water, and of all storm water control measures used to comply with Part IV. Items A-C conditions contained in this permit. Routine facility inspections shall be conducted at least quarterly (i.e., once each calendar quarter) although in many instances, more frequent inspection (e.g., monthly) may be appropriate for some types of equipment, processes, and control measures or areas of the facility with significant activities and materials exposed to storm water. Perform these inspections during periods when the facility is in operation. You shall specify the relevant inspection schedules in your SWPPP document as required in Part IV. Items A-C. These routine inspections shall be performed by qualified personnel (for definition see VI - Definitions) with at least one member of your storm water pollution prevention team participating. At least once each calendar year, the routine facility inspection shall be conducted during a period when a storm water discharge is occurring.

You shall document the findings of each routine facility inspection performed and maintain this documentation onsite with your SWPPP. You are not required to submit your routine

facility inspection findings to Ohio EPA, unless specifically requested to do so. At a minimum, your documentation of each routine facility inspection shall include:

- i. The inspection date and time;
- ii. The name(s) and signature(s) of the inspector(s);
- iii. Weather information and a description of any discharges occurring at the time of the inspection;
- iv. Any previously unidentified discharges of pollutants from the site;
- v. Any control measures needing maintenance or repairs;
- vi. Any failed control measures that need replacement;
- vii. Any incidents of noncompliance observed; and
- viii. Any additional control measures needed to comply with the permit requirements.

Any corrective action required as a result of a routine facility inspection shall be performed consistent with Part IV.D of this permit.

b. Exceptions to Routine Facility Inspections:

Inactive and Unstaffed Sites: The requirement to conduct routine facility inspections on a quarterly basis does not apply at a facility that is inactive and unstaffed, as long as there are no industrial materials or activities exposed to storm water. Such a facility is only required to conduct an annual site inspection in accordance with the requirements of Part IV.E.1. To invoke this exception, you shall maintain a statement in your SWPPP pursuant to Part IV.F indicating that the site is inactive and unstaffed, and that there are no industrial materials or activities exposed to precipitation, in accordance with the substantive requirements in 40 CFR 122.26(g)(4)(iii). The statement shall be signed and certified in accordance with Appendix B, Subsection 11. If circumstances change and industrial materials or activities become exposed to storm water or your facility becomes active and/or staffed, this exception no longer applies and you shall immediately resume quarterly facility inspections. If you are not qualified for this exception at the time you are authorized under this permit, but during the permit term you become qualified because your facility is inactive and unstaffed, and there are no industrial materials or activities that are exposed to storm water, then you shall include the same signed and certified statement as above and retain it with your records pursuant to Part IV.J.5.

Inactive and unstaffed facilities covered under Sectors D (Asphalt Paving and Roofing Materials and Lubricant Manufacturing), E (Glass, Clay, Cement, Concrete, and Gypsum Products) and J (Non-Metallic Mineral Mining and Dressing), are not required to meet the “no industrial materials or activities exposed to storm water” standard to be eligible for this

exception from routine inspections, consistent with the requirements established in relevant sector requirements.

Ohio EPA's Encouraging Environmental Excellence (E3) Program: If your facility has been recognized under the Gold and Platinum levels by Ohio EPA's Encouraging Environmental Excellence (E3) Program, you only need to conduct routine facility inspections for two quarters each year. If Part IV.K of this permit requires your facility to conduct routine facility inspections on a monthly basis, you only need to conduct routine facility inspections on a quarterly basis.

2. Quarterly Visual Assessment of Storm Water Discharges.

a. Quarterly Visual Assessment Procedures

Once each calendar quarter for the entire permit term you shall collect a storm water sample from Outfalls 1IJ00143001, 1IJ00143002, 1IJ00143003 and conduct a visual assessment of each of these samples. These samples are not required to be collected consistent with 40 CFR Part 136 procedures but should be collected in such a manner that the samples are representative of the storm water discharge. The visual assessment shall be made:

- Of a sample in a clean, clear glass, or plastic container, and examined in a well-lit area;
- On samples collected within the first 30 minutes of an actual discharge from a storm event. If it is not possible to collect the sample within the first 30 minutes of discharge, the sample shall be collected as soon as practicable after the first 30 minutes and you shall document why it was not possible to take samples within the first 30 minutes. In the case of snowmelt, samples shall be taken during a period with a measurable discharge from your site; and
- For storm events, on discharges that occur at least 72 hours (3 days) from the previous discharge. The 72-hour (3-day) storm interval does not apply if you document that less than a 72-hour (3-day) interval is representative for local storm events during the sampling period. If it is not possible to collect the sample on discharges that occur at least 72 hours (3 days) from the previous discharge, the sample shall be collected as close to this storm interval as practicable and you shall document why it was not possible to take samples from a 72 hour (3 day) storm interval.
- Areas Subject to Snow: In areas subject to snow, at least one quarterly visual assessment shall capture snowmelt discharge.
- For the following water quality characteristics: color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution.

b. Quarterly Visual Assessment Documentation

You shall document the results of your visual assessments and maintain this documentation onsite with your SWPPP. You are not required to submit your visual assessment findings to Ohio EPA, unless specifically requested to do so. At a minimum, your documentation of the visual assessment shall include:

- Sample location(s);
- Sample collection date and time, and visual assessment date and time for each sample;
- Personnel collecting the sample and performing visual assessment, and their signatures;
- Nature of the discharge (i.e., runoff or snowmelt);
- Results of observations of the storm water discharge;
- Probable sources of any observed storm water contamination; and
- If applicable, why it was not possible to take samples within the first 30 minutes and/or from a 72 hour (3 day) storm interval.

Any corrective action required as a result of a quarterly visual assessment shall be performed consistent with Part IV.D of this permit.

c. Exceptions to Quarterly Visual Assessments

The following are exceptions to quarterly visual assessments:

- Adverse Weather Conditions: When adverse weather conditions prevent the collection of samples during the quarter, you shall take a substitute sample during the next qualifying storm event. Documentation of the rationale for no visual assessment for the quarter shall be included with your SWPPP records. Adverse conditions are those that are dangerous or create inaccessibility for personnel, such as local flooding, high winds, or electrical storms, or situations that otherwise make sampling impractical, such as drought or extended frozen conditions.
- Substantially identical outfalls: If your facility has two or more outfalls that you believe discharge substantially identical effluents, as documented in Part IV.J.2.a.iii, you may conduct quarterly visual assessments of the discharge at just one of the outfalls and report that the results also apply to the substantially identical outfall(s) provided that you perform visual assessments on a rotating basis of each substantially identical outfall throughout the period of your coverage under this permit. If storm water contamination is identified through visual assessment performed at a substantially identical outfall, you shall assess and modify your control measures as appropriate for each outfall represented by the monitored outfall.

- Inactive and unstaffed sites: The requirement for a quarterly visual assessment does not apply at a facility that is inactive and unstaffed, as long as there are no industrial materials or activities exposed to storm water. To invoke this exception, you shall maintain a statement in your SWPPP indicating that the site is inactive and unstaffed, and that there are no industrial materials or activities exposed to precipitation, in accordance with the substantive requirements in 40 CFR 122.26(g)(4)(iii). The statement shall be signed and certified in accordance with Part III.28 of this permit. If circumstances change and industrial materials or activities become exposed to storm water or your facility becomes active and/or staffed, this exception no longer applies and you shall immediately resume quarterly visual assessments. If you are not qualified for this exception at the time you are authorized under this permit, but during the permit term you become qualified because your facility is inactive and unstaffed, and there are no industrial materials or activities that are exposed to storm water, then you shall include the same signed and certified statement as above and retain it with your records.
- Ohio EPA's Encouraging Environmental Excellence (E3) Program: If your facility has been recognized under the Gold and Platinum levels by Ohio EPA's Encouraging Environmental Excellence (E3) Program, you only need to conduct quarterly visual assessment of storm water discharges for two quarters each year.

F. Storm Water Pollution Prevention Plan (SWPPP)

A storm water pollution prevention plan (SWPPP) shall be developed to address each outfall that discharges to waters of the state that contains storm water associated with industrial activity. Storm water pollution prevention plans shall be prepared in accordance with good engineering practices. The SWPPP shall identify potential sources of pollution which may reasonably be expected to affect the quality of storm water discharges associated with industrial activity from the facility. The SWPPP shall describe and ensure the implementation of practices which are to be used to reduce the pollutants in storm water discharges associated with industrial activity at the facility and to assure compliance with the terms and conditions of this permit. Facilities must implement the provisions of the storm water pollution prevention plan required under this part as a condition of this permit.

The SWPPP does not contain effluent limitations; the limitations or benchmarks are contained in Part I. The SWPPP is intended to document the selection, design, and installation of control measures. As distinct from the SWPPP, the documentation requirements are intended to document the implementation (including inspection, maintenance, monitoring, and corrective action) of the permit requirements.

G. Deadlines for SWPPP Preparation and Compliance.

1. [The plan for a storm water discharge associated with industrial activity:
 - a. Shall be prepared within six months of the effective date of this permit (and updated based on facility or materials handling changes as specified in Part IV, Item I);

- b. Shall provide for implementation and compliance with the terms of the plan within twelve months of the effective date of this permit.
2. Upon showing of good cause, the Director may establish a later date for preparing and compliance with a plan for a storm water discharge associated with industrial activity.

H. Signature and Plan Review.

1. The plan shall be signed and dated in accordance with Part III, Item 28, and be retained on-site at the facility which generates the storm water discharge.
2. The permittee shall make plans immediately available upon request to the Ohio EPA Director, or authorized representative, or Regional Administrator of U.S. EPA, a local agency approving storm water management plans, or in the case of a storm water discharge associated with industrial activity which discharges through a municipal separate storm sewer system, to the operator of the municipal system.
3. The Director may notify the permittee at any time that the plan does not meet one or more of the minimum requirements of this Part. Within 30 days of such notification from the Director, the permittee shall make the required changes to the plan and shall submit to the Director a written certification that the requested changes have been made.
4. All storm water pollution prevention plans required under this permit are considered reports that shall be available to the public under Section 308(b) of the Act. Confidential Business Information (CBI) may be withheld from the public, but may not be withheld from those staff cleared for CBI review within Ohio EPA. An interested party wishing a copy of a discharger's SWPPP will have to contact the Ohio EPA to obtain a copy.

I. Keeping SWPPP Current

The permittee shall modify the plan whenever necessary to address any of the triggering conditions for corrective action in Part IV.D and to ensure that they do not reoccur, or to reflect changes implemented when a review following the triggering conditions in Part IV.D.2 indicates that changes to your control measures are necessary to meet the control measures/best management practices (BMPs) in this permit. Changes to your SWPPP document shall be made in accordance with the corrective action deadlines in Part IV.D.3 and Part IV.D.4.

Amendments to the plan may be reviewed by Ohio EPA in the same manner as Part IV.H above.

J. Contents of SWPPP.

The plan shall include, at a minimum, the following items:

1. Pollution Prevention Team. You shall identify the staff members (by name or title) that comprise the facility's storm water pollution prevention team as well as their individual responsibilities. Your storm water pollution prevention team is responsible for assisting the facility manager in

developing and revising the facility's SWPPP as well as maintaining control measures and taking corrective actions where required. Each member of the storm water pollution prevention team shall have ready access to either an electronic or paper copy of applicable portions of this permit and your SWPPP.

2. Description of Potential Pollutant Sources. You shall document at your facility where industrial materials or activities are exposed to storm water and from which allowable non-storm water discharges are released. Industrial materials or activities, include, but are not limited to: material handling equipment or activities; industrial machinery; raw materials; industrial production and processes; and intermediate products, by-products, final product or waste product. For each area identified, the description shall include, at a minimum:

- a. Site Description. Your SWPPP shall include:

- i. A description of the industrial activities at your facility;
- ii. A general location map (e.g. U.S. Geologic Survey (USGS) quadrangle map) with enough detail to identify the location of your facility and all receiving waters for your storm water discharges.
- iii. A site map showing
 - The size of the property in acres;
 - The location and extent of significant structures and impervious surfaces;
 - Directions of storm water flow (use arrows);
 - Locations of all existing structural control measures;
 - Locations of all receiving waters in the immediate vicinity of your facility;
 - Locations of all storm water conveyances including ditches, pipes and swales;
 - Locations of potential pollutant sources identified under Part IV J. 2.b;
 - Locations where significant spills or leaks identified under Part IV J. 2.b. have occurred;
 - Locations of all storm water monitoring points;
 - Locations of storm water inlets and outfalls, with a unique identification code for each outfall (e.g. Outfall 001, Outfall 002, etc), indicating any outfalls that are considered substantially identical to another outfall, and an approximate outline of the areas draining to each outfall;

- Municipal separate storm sewer systems, where your storm water discharges to them;
 - Locations and descriptions of all non-storm water discharges identified under Part IV. C. 10;
 - Locations of the following activities where such activities are exposed to precipitation
 - Fueling stations;
 - Vehicle and equipment maintenance and/or cleaning areas;
 - Loading/unloading areas;
 - Immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility;
 - Transfer areas for substances in bulk;
 - Machinery; and
 - Locations and sources of run-on to your site from adjacent property that contains significant quantities of pollutants.
- b. Inventory of Exposed Materials. This includes a list of industrial activities exposed to storm water (e.g., material storage; equipment fueling, maintenance, and cleaning; cutting steel beams). This also includes a list of the pollutant(s) or pollutant constituents (e.g, crankcase oil, zinc, sulfuric acid, and cleaning solvents) associated with each identified activity. The pollutant list shall include all significant materials that have been handled, treated, stored, or disposed, and that have been exposed to storm water in the three years prior to the date you prepare or amend your SWPPP.
- c. Spills and Leaks. You shall document where potential spills and leaks could occur that could contribute pollutants to storm water discharges, and the corresponding outfall(s) that would be affected by such spills and leaks. You shall document all significant spills and leaks of oil or toxic or hazardous pollutants that actually occurred at exposed areas, or that drained to a storm water conveyance, in the three years prior to the date you prepare or amend your SWPPP. Note that 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 Section 9602. This permit does not relieve you of the reporting requirements of 40 CFR 110, 40 CFR 117, and 40 CFR 302 relating to spills or other releases of oil or hazardous substances.

- d. **Sampling Data.** A summary of existing discharge sampling data describing pollutants in storm water discharges from the facility.
 - e. **Non-Storm Water Discharges.** You shall document that you have evaluated for the presence of non-storm water discharges, except for those listed in Part I and Part IV.C.10, and that all unauthorized discharges have been eliminated. Documentation of your evaluation shall include: 1) The date of any evaluation; 2) A description of the evaluation criteria used; 3) A list of the outfalls or onsite drainage points that were directly observed during the evaluation; 4) The different types of non-storm water discharge(s) and source locations; and 5) The action(s) taken, such as a list of control measures used to eliminate unauthorized discharge(s), if any were identified. For example, a floor drain was sealed, a sink drain was re-routed to sanitary, or an NPDES permit application was submitted for an unauthorized cooling water discharge.
 - f. **Salt Storage.** You shall document the location of any storage piles containing salt used for deicing or other commercial or industrial purposes.
3. **Description of Control Measures.** You shall document the location and type of control measures you have installed and implemented at your site to achieve the control measures/best management practices (BMPs) in Part IV.C, and where applicable, in Part IV.K. You shall describe how you addressed the control measure selection and design considerations in Part IV.B. This documentation shall describe how the control measures at your site address both the pollutant sources identified in Part IV.J.2 and any storm water run-on that commingles with any discharges covered under this permit.
4. **Schedules and Procedures.**
- a. **Pertaining to Control Measures used to Comply with the Control Measures/Best Management Practices (BMPs).** The following shall be documented in your SWPPP:
 - i. **Good Housekeeping** (See Part IV.C.2) – A schedule for regular pickup and disposal of waste materials, along with routine inspections for leaks and conditions of drums, tanks and containers.
 - ii. **Maintenance** (See Part IV.C.3) – Preventative maintenance procedures, including regular inspections, testing, maintenance, and repair of all industrial equipment and systems, and control measures, to avoid situations that may result in leaks, spills, and other releases, and any back-up practices in place should a runoff event occur while a control measure is off-line;
 - iii. **Spill Prevention and Response Procedures** (See Part IV.C.4) – Procedures for preventing and responding to spills and leaks. You may reference the existence of other plans for Spill Prevention Control and Countermeasure (SPCC) developed for the facility under Section 311 of the CWA or BMP programs otherwise required by an NPDES permit for

the facility, provided that you keep a copy of that other plan onsite (hard copy or electronic) and make it available for review consistent with Part IV.J.5; and

- iv. Employee Training (See Part IV.C.9) – A schedule for all types of necessary training.
- b. Pertaining to Monitoring and Inspection. Where applicable, you shall document in your SWPPP your procedures for conducting analytical storm water monitoring. You shall document in your SWPPP your procedures for performing, as appropriate, the two types of inspections specified by this permit, including: 1) Routine facility inspections (See Part IV.E.1) and 2) Quarterly visual assessment of storm water discharges (See Part IV.E.2).

For each type of monitoring, your SWPPP shall document:

- Locations where samples are collected, including any determination that two or more outfalls are substantially identical;
- Parameters for sampling and the frequency of sampling for each parameter;
- Schedules for monitoring at your facility (see Part 6.1.6);
- Any numeric control values (benchmarks, effluent limitations guidelines, or other requirements) applicable to discharges from each outfall; and
- Procedures (e.g., responsible staff, logistics, laboratory to be used, etc.) for gathering storm event data.

You shall document the following in your SWPPP if you plan to use the substantially identical outfall exception for your quarterly visual assessment requirements in Part IV.E.2 or your benchmark monitoring requirements in Part V:

- Location of each of the substantially identical outfalls;
- Description of the general industrial activities conducted in the drainage area of each outfall;
- Description of the control measures implemented in the drainage area of each outfall;
- Description of the exposed materials located in the drainage area of each outfall that are likely to be significant contributors of pollutants to storm water discharges;
- An estimate of the runoff coefficient of the drainage areas (low = under 40%; medium = 40 to 65%; high = above 65%); and
- Why the outfalls are expected to discharge substantially identical effluents.

5. Documentation Requirements. You are required to keep inspection, monitoring, and certification records with your SWPPP that together keep your records complete and up-to-date, and demonstrate your full compliance with the conditions of this permit. You shall retain a copy of the current SWPPP required by this permit at the facility, and it shall be immediately available to Ohio EPA; a local agency approving storm water management plans; and the operator of an MS4

receiving discharges from the site. Ohio EPA may provide access to portions of your SWPPP to a member of the public upon request. Confidential Business Information (CBI) may be withheld from the public, but may not be withheld from those staff cleared for CBI review within Ohio EPA. Your current SWPPP or certain information from your current SWPPP shall be made available to the public, except any confidential business information (CBI) or restricted information, but you must clearly identify those portions of the SWPPP that are being withheld from public access. See 40 CFR Part 2 for relevant definitions of CBI: <http://www.gpo.gov/fdsys/pkg/CFR-2013-title40-vol1/pdf/CFR-2013-title40-vol1-part2-subpartB.pdf>.

K. Sector-Specific Requirements

Sector J – Non-Metallic Mineral Mining and Dressing.

You shall comply with the following sector-specific requirements associated with your primary industrial activity and any co-located industrial activities, as defined in Part VI. The sector-specific requirements apply to those areas of your facility where those sector-specific activities occur. These sector-specific requirements are in addition to any requirements specified elsewhere in this permit.

1. Covered Storm Water Discharges.

- a. *Covered Discharges from Inactive Facilities.* All storm water discharges.
- b. *Covered Discharges from Active and Temporarily Inactive Facilities.* All storm water discharges, except for most storm water discharges subject to the existing effluent limitation guideline at 40 CFR Part 436. Mine dewatering discharges composed entirely of storm water or uncontaminated ground water seepage from: construction sand and gravel, industrial sand, and crushed stone mining facilities are covered by this permit.
- c. *Covered Discharges from Exploration and Construction of Non-Metallic Mineral Mining Facilities.* All storm water discharges.
- d. *Covered Discharges from Sites Undergoing Reclamation.* All storm water discharges.

2. Definitions.

The following definitions are not intended to supersede the definitions of active and inactive mining facilities established by 40 CFR 122.26(b)(14)(iii).

- a. *Mining operations* - Consists of the active and temporarily inactive phases, and the reclamation phase, but excludes the exploration and construction phases.
- b. *Exploration phase* - Entails exploration and land disturbance activities to determine the financial viability of a site. The exploration phase is not considered part of “mining operations.”

c. *Construction phase* - Includes the building of site access roads and removal of overburden and waste rock to expose mineable minerals. The construction phase is not considered part of “mining operations”.

d. *Active phase* - Activities including the extraction, removal or recovery of minerals. For surface mines, this definition does not include any land where grading has returned the earth to a desired contour and reclamation has begun. This definition is derived from the definition of “active mining area” found at 40 CFR 440.132(a). The active phase is considered part of “mining operations.”

e. *Reclamation phase* - Activities undertaken, in compliance with applicable mined land reclamation requirements, following the cessation of the “active phase”, intended to return the land to an appropriate post-mining land use. The reclamation phase is considered part of “mining operations”.

NOTE: The following definitions are not intended to supersede the definitions of active and inactive mining facilities established by 40 CFR 122.26(b)(14)(iii).

f. *Active Mineral Mining Facility* - A place where work or other activity related to the extraction, removal, or recovery of minerals is being conducted. For surface mines, this definition does not include any land where grading has returned the earth to a desired contour and reclamation has begun. This definition is derived from the definition of “active mining area” found at 40 CFR 440.132(a).

g. *Inactive Mineral Mining Facility* - A site or portion of a site where mineral mining and/or milling occurred in the past but is not an active facility as defined above, and where the inactive portion is not covered by an active mining permit issued by the applicable State or Federal agency. An inactive mineral mining facility has an identifiable owner / operator. Sites where mining claims are being maintained prior to disturbances associated with the extraction, beneficiation, or processing of mined materials, and sites where minimal activities are undertaken for the sole purpose of maintaining a mining claim are not considered either active or inactive mining facilities and do not require an NPDES industrial storm water permit.

h. *Temporarily Inactive Mineral Mining Facility* - A site or portion of a site where metal mining and/or milling occurred in the past but currently are not being actively undertaken, and the facility is covered by an active mining permit issued by the applicable State or Federal agency.

i. *Final Stabilization* - a site or portion of a site is “finally stabilized” when it has implemented all applicable Federal and State reclamation requirements.

j. *Uncontaminated* - Free from the presence of pollutants attributable to industrial activity.

3. Control Measures/Best Management Practices (BMPs) for Clearing, Grading, and Excavation Activities.

Clearing, grading, and excavation activities being conducted as part of the exploration and construction phase of mining activities are covered under this permit.

- a. *Management Practices for Clearing, Grading, and Excavation Activities.*
 - i. *Selecting and installing control measures.* For all areas affected by clearing, grading, and excavation activities, you shall select, design, install, and implement control measures that meet applicable Part 2 control measures/best management practices (BMPs).
 - ii. *Good Housekeeping.* Litter, debris, and chemicals shall be prevented from becoming a pollutant source in storm water discharges.
 - iii. *Retention and Detention of Storm Water Runoff.* For drainage locations serving more than one acre, sediment basins and/or temporary sediment traps should be used. At a minimum, silt fences, vegetative buffer strips, or equivalent sediment controls are required for all down slope boundaries (and for those side slope boundaries deemed appropriate as dictated by individual site conditions) of the development area unless a sediment basin providing storage for a calculated volume of runoff from a 2-year, 24-hour storm or 3,600 cubic feet of storage per acre drained is provided.
- b. *Inspection of Clearing, Grading, and Excavation Activities.*
 - i. *Inspection Frequency.* Inspections shall be conducted either at least once every 7 calendar days or at least once every 14 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater. Inspection frequency may be reduced to at least once every month if the entire site is temporarily stabilized, if runoff is unlikely due to winter conditions (e.g., site is covered with snow, ice, or the ground is frozen), or construction is occurring during seasonal arid periods in arid areas and semi-arid areas.
 - ii. *Location of Inspections.* Inspections shall include all areas of the site disturbed by clearing, grading, and/or excavation activities and areas used for storage of materials that are exposed to precipitation. Sedimentation and erosion control measures implemented shall be observed to ensure proper operation. Discharge locations shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to surface waters of the State, where accessible. Where discharge locations are inaccessible, nearby downstream locations shall be inspected to the extent that such inspections are practicable. Locations where vehicles enter or exit the site shall be inspected for evidence of significant off-site sediment tracking.

- iii. *Inspection Reports.* For each inspection required above, you shall complete an inspection report. At a minimum, the inspection report shall include the information required in Part IV, Item E..
- c. *Requirements for Cessation of Clearing, Grading, and Excavation Activities.*
 - i. *Inspections and Maintenance.* Inspections and maintenance of control measures, including any BMPs, associated with clearing, grading, and/or excavation activities being conducted as part of the exploration and construction phase of a mining operation shall continue until final stabilization has been achieved on all portions of the disturbed area or until the commencement of the active mining phase for those areas that have been temporarily stabilized as a precursor to mining
 - ii. *Temporary Stabilization of Disturbed Areas.* Stabilization measures should be initiated immediately in portions of the site where clearing, grading and/or excavation activities have temporarily ceased, but in no case more than 14 days after the clearing, grading and/or excavation activities in that portion of the site have temporarily ceased. In arid, semiarid, and drought-stricken areas, or in areas subject to snow or freezing conditions, where initiating perennial vegetative stabilization measures is not possible within 14 days after mining, exploration, and/or construction activity has temporarily ceased, temporary vegetative stabilization measures shall be initiated as soon as practicable. Until temporary vegetative stabilization is achieved, interim measures such as erosion control blankets with an appropriate seed base and tackifiers shall be employed. In areas of the site, where exploration and/or construction has permanently ceased prior to active mining, temporary stabilization measures shall be implemented to minimize mobilization of sediment or other pollutants until such time as the active mining phase commences.
 - iii. *Final Stabilization of Disturbed Areas.* Stabilization measures should be initiated immediately in portions of the site where mining, exploration, and/or construction activities have permanently ceased, but in no case more than 14 days after the exploration and/or construction activity in that portion of the site has permanently ceased. In arid, semiarid, and drought-stricken areas, or in areas subject to snow or freezing conditions, where initiating perennial vegetative stabilization measures is not possible within 14 days after mining, exploration, and/or construction activity has permanently ceased, final vegetative stabilization measures shall be initiated as soon as possible. Until final stabilization is achieved temporary stabilization measures, such as erosion control blankets with an appropriate seed base and tackifiers shall be used.
- 4. Additional Control Measures/Best Management Practices (BMPs).
 - a. *Employee Training.* Conduct employee training at least annually at active and temporarily inactive sites. (See also Part IV, Item C.9)

b. *Storm Water Controls.* Apart from the control measures you implement to meet your Part 2 control measures, where necessary to minimize pollutant discharges, implement the following control measures at your site. The potential pollutants identified in Part IV.J.3. shall determine the priority and appropriateness of the control measures selected.

- i. *Storm Water Diversions:* Consider diverting storm water away from potential pollutant sources. Following are some control measure options: interceptor or diversion controls (e.g., dikes, swales, curbs, or berms); pipe slope drains; subsurface drains; conveyance systems (e.g., channels or gutters, open-top box culverts, and waterbars; rolling dips and road sloping; roadway surface water deflector and culverts); or their equivalents.
- ii. *Capping:* When capping is necessary to minimize pollutant discharges in storm water, identify the source being capped and the material used to construct the cap.
- iii. *Treatment:* If treatment of storm water (e.g., chemical or physical systems, oil and water separators, artificial wetlands) is necessary to protect water quality, describe the type and location of treatment used. Passive and/or active treatment of storm water runoff is encouraged. Treated runoff may be discharged as a storm water source regulated under this permit provided the discharge is not combined with discharges subject to effluent limitation guidelines for the Mineral Mining and Processing Point Source Category (40 CFR Part 436).
- iv. *Reclamation for facilities with initial NPDES coverage on or after effective date of OHR000005:* The permittee shall reclaim all dams, dikes, diversions, drainage channels, and impoundments unless specified as permanent structures in the Mining and Reclamation Plan approved by the Division of Mineral Resources Management which is consistent with the Ohio Administrative Code 1501:14-3-11, administered by Ohio Department of Natural Resources.

c. *Certification of Discharge Testing:* Test or evaluate all outfalls covered under this permit for the presence of specific mining-related non-storm water discharges such as discharges subject to effluent limitations guidelines (e.g., 40 CFR Part 436). Alternatively (if applicable), you may keep a certification with your SWPPP.

5. Additional SWPPP Requirements.

The requirements in Part IV.K.5 are applicable for sites undergoing exploration and construction, active mineral mining facilities, temporarily inactive mineral mining facilities, and sites undergoing reclamation. The requirements in Part IV.K.5. are not applicable to inactive mineral mining facilities.

a. *Nature of Industrial Activities.* (See also Part IV.J.2.a.) Document in your SWPPP the mining and associated activities that can potentially affect the storm water discharges covered by this permit, including a general description of the location of the site relative to major transportation routes and communities.

- b. *Site Map.* (See also Part IV.J.2.a.) Document in your SWPPP the locations of the following (as appropriate): mining or milling site boundaries; access and haul roads; outline of the drainage areas of each storm water outfall within the facility with indications of the types of discharges from the drainage areas; location(s) of all permitted discharges covered under an individual NPDES permit, outdoor equipment storage, fueling, and maintenance areas; materials handling areas; outdoor manufacturing, outdoor storage, and material disposal areas; outdoor chemicals and explosives storage areas; overburden, materials, soils, or waste storage areas; location of mine drainage dewatering or other process water; heap leach pads; off-site points of discharge for mine dewatering and process water; surface waters; boundary of tributary areas that are subject to effluent limitations guidelines; and location(s) of reclaimed areas.
- c. *Potential Pollutant Sources.* (See also Part IV.J.2.b.) For each area of the mine or mill site where storm water discharges associated with industrial activities occur, document in your SWPPP the types of pollutants (e.g., heavy metals, sediment) likely to be present in significant amounts. For example, phosphate mining facilities will likely need to document pollutants such as selenium, which can be present in significant amounts in their discharges. Consider these factors: the mineralogy of the waste rock (e.g., acid forming); toxicity and quantity of chemicals used, produced, or discharged; the likelihood of contact with storm water; vegetation of site (if any); and history of significant leaks or spills of toxic or hazardous pollutants. Also include a summary of any existing waste rock or overburden characterization data and test results for potential generation of acid rock drainage.
- d. *Storm Water Controls.* To the extent that you use any of the control measures in Part IV.K.5.d, document them in your SWPPP pursuant to Part IV.J.3. If control measures are implemented or planned but are not listed here (e.g., substituting a less toxic chemical for a more toxic one), include descriptions of them in your SWPPP.
- e. *Employee Training.* All employee training(s) conducted in accordance with Part IV.K.4.a. shall be documented with the SWPPP.
- f. *Certification of Permit Coverage for Commingled Non-Storm Water Discharges.* If you determine that you are able to certify, consistent with Part IV.K.4.c, that a particular discharge composed of commingled storm water and non-storm water is covered under a separate NPDES permit, and that permit subjects the non-storm water portion to effluent limitations prior to any commingling, you shall retain such certification with your SWPPP. This certification shall identify the non-storm water discharges, the applicable NPDES permit(s), the effluent limitations placed on the non-storm water discharge by the permit(s), and the points at which the limitations are applied.

6. Additional Inspection Requirements.

Except for areas of the site subject to clearing, grading, and/or excavation activities conducted as part of the exploration and construction phase, which are subject to Part IV.K.3.b.i., you shall inspect sites at least quarterly unless adverse weather conditions make the site inaccessible. Sites which discharge to

waters which are designated as outstanding waters or waters which are impaired for sediment shall be inspected monthly. See Part IV.E. for inspection requirements for inactive and unstaffed sites.

Part V. Monitoring and Reporting Requirements

A. Reporting and Recordkeeping

1. Reporting Benchmark Monitoring Data to Ohio EPA. Benchmark monitoring data shall be submitted to Ohio EPA in accordance with Part III Item 4. of this permit.
2. Annual Report. You shall complete an annual report using the Annual Reporting Form provided by Ohio EPA at the following location:

<http://www.epa.ohio.gov/portals/35/permits/OHR000006/ARForm.docx>

You are not required to submit your annual report to Ohio EPA unless specifically requested. The timeframe to complete the report is at the discretion of the permittee but the same schedule to complete shall be maintained throughout this permit term. You shall keep the completed annual reports with your SWPPP.

B. Storm Water Monitoring Requirements

1. Measurable Storm Event. All required monitoring shall be performed on a storm event that results in an actual discharge from your site (“measurable storm event”) that follows the preceding measurable storm event by at least 72 hours (3 days). The 72-hour (3-day) storm interval does not apply if you are able to document that less than a 72-hour (3-day) interval is representative for local storm events during the sampling period. In the case of snowmelt, the monitoring shall be performed at a time when a measurable discharge occurs at your site.

For each monitoring event, except snowmelt monitoring, you shall identify the date and duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event. For snowmelt monitoring, you shall identify the date of the sampling event.

2. Sample Type. You shall take a minimum of one grab sample from a discharge resulting from a measurable storm event as described in Part V.B.2. Samples shall be collected within the first 30 minutes of a measurable storm event. If it is not possible to collect the sample within the first 30 minutes of a measurable storm event, the sample shall be collected as soon as practicable after the first 30 minutes and documentation shall be kept with the SWPPP explaining why it was not possible to take samples within the first 30 minutes. In the case of snowmelt, samples shall be taken during a period with a measurable discharge.
3. Inactive and Unstaffed Sites. Conditional Exemption from No Exposure Requirement for Routine Inspections, Quarterly Visual Assessments, and Benchmark Monitoring. If you are seeking to exercise a waiver from the routine inspection or the quarterly visual assessment requirements for inactive and unstaffed sites (including temporarily inactive sites), you are conditionally exempt from the requirement to certify that “there are no industrial materials or activities exposed to storm water” in Part IV.E.1.b. This exemption is conditioned on the following:

- i. If circumstances change and your facility becomes active and/or staffed, this exception no longer applies and you shall immediately begin complying with the applicable benchmark monitoring requirements under Part V.B.4, and the quarterly visual assessment requirements; and
- ii. Ohio EPA retains the authority to revoke this exemption and/or the monitoring waiver where it is determined that the discharge causes, has a reasonable potential to cause, or contributes to an instream excursion above an applicable water quality standard, including designated uses.

Subject to the two conditions above, if your facility is inactive and unstaffed, you are waived from the requirement to conduct quarterly visual assessments and routine facility inspections. You are not waived from conducting the Part IV.E.1 annual site inspection. You are encouraged to inspect your site more frequently where you have reason to believe that severe weather or natural disasters may have damaged control measures or increased discharges.

Part VI. Definitions and Acronyms

Action Area – all areas to be affected directly or indirectly by the storm water discharges, allowable non-storm water discharges, and storm water discharge-related activities, and not merely the immediate area involved in these discharges and activities.

Best Management Practices (BMPs) – schedules of activities, practices (and prohibitions of practices), structures, vegetation, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants to surface waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. See 40 CFR 122.2.

Co-located Industrial Activities – Any industrial activities, excluding your primary industrial activity(ies), located on-site that are defined by the storm water regulations at 122.26(b)(14)(i)-(ix) and (xi). An activity at a facility is not considered co-located if the activity, when considered separately, does not meet the description of a category of industrial activity covered by the storm water regulations or identified by the SIC code list in Appendix D.

Control Measure – refers to any BMP or other method (including effluent limitations) used to prevent or reduce the discharge of pollutants to surface waters of the State.

Director – the Director of the Ohio Environmental Protection Agency (Ohio EPA).

Discharge – when used without qualification, means the "discharge of a pollutant." See 40 CFR 122.2.

Discharge of a pollutant – any addition of any “pollutant” or combination of pollutants to “surface waters of the State” from any “point source,” or any addition of any pollutant or combination of pollutants to the waters of the “contiguous zone” or the ocean from any point source other than a vessel or other floating craft which is being used as a means of transportation. This includes additions of pollutants into surface waters of the State from: surface runoff which is collected or channeled by man; discharges through pipes, sewers, or other conveyances, leading into privately owned treatment works. See 40 CFR 122.2.

Discharge-related activities – activities that cause, contribute to, or result in storm water and allowable non-storm water point source discharges, and measures such as the siting, construction and operation of BMPs to control, reduce, or prevent pollution in the discharges.

Drought-stricken area – a period of below average water content in streams, reservoirs, ground-water aquifers, lakes and soils.

U.S. EPA Approved or Established Total Maximum Daily Loads (TMDLs) – “U.S. EPA Approved TMDLs” are those that are developed by a State and approved by U.S. EPA. “U.S. EPA Established TMDLs” are those that are developed by U.S. EPA.

Existing Discharger – an operator applying for coverage under this permit for discharges authorized previously under an NPDES general or individual permit.

Facility or Activity – any NPDES “point source” (including land or appurtenances thereto) that is subject to regulation under the NPDES program. See 40 CFR 122.2.

Federal Facility – any buildings, installations, structures, land, public works, equipment, aircraft, vessels, and other vehicles and property, owned by, or constructed or manufactured for the purpose of leasing to, the federal government.

Illicit Discharge – is defined at 40 CFR 122.26(b)(2) and refers to any discharge to a municipal separate storm sewer that is not entirely composed of storm water, except discharges authorized under an NPDES permit (other than the NPDES permit for discharges from the MS4) and discharges resulting from fire fighting activities.

Impaired Water (or “Water Quality Impaired Water” or “Water Quality Limited Segment”) – A water is impaired for purposes of this permit if it has been identified by a State or U.S. EPA pursuant to Section 303(d) of the Clean Water Act as not meeting applicable State water quality standards (these waters are called “water quality limited segments” under 40 CFR 30.2(j)). Impaired waters include both waters with approved or established TMDLs, and those for which a TMDL has not yet been approved or established.

Industrial Activity – the 10 categories of industrial activities included in the definition of “storm water discharges associated with industrial activity” as defined in 40 CFR 122.26(b)(14)(i)-(ix) and (xi).

Industrial Storm Water – storm water runoff from industrial activity.

Municipal Separate Storm Sewer – a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains):

- (i) Owned or operated by a State, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, storm water, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or a designated and approved management agency under section 208 of the CWA that discharges to surface waters of the State;
- (ii) Designed or used for collecting or conveying storm water;
- (iii) Which is not a combined sewer; and
- (iv) Which is not part of a Publicly Owned Treatment Works (POTW) as defined at 40 CFR 122.2. See 40 CFR 122.26(b)(4) and (b)(7).

New Discharger – a facility from which there is a discharge, that did not commence the discharge at a particular site prior to August 13, 1979, which is not a new source, and which has never received a finally effective NPDES permit for discharges at that site. See 40 CFR 122.2.

New Source – any building, structure, facility, or installation from which there is or may be a “discharge of pollutants,” the construction of which commenced:

- after promulgation of standards of performance under section 306 of the CWA which are applicable to such source, or
- after proposal of standards of performance in accordance with section 306 of the CWA which are applicable to such source, but only if the standards are promulgated in accordance with section 306 within 120 days of their proposal. See 40 CFR 122.2.

New Source Performance Standards (NSPS) – technology-based standards for facilities that qualify as new sources under 40 CFR 122.2 and 40 CFR 122.29.

No exposure – all industrial materials or activities are protected by a storm-resistant shelter to prevent exposure to rain, snow, snowmelt, and/or runoff. See 40 CFR 122.26(g).

Ohio EPA – the Ohio Environmental Protection Agency.

Operator – any entity with a storm water discharge associated with industrial activity that meets either of the following two criteria:

- (i) The entity has operational control over industrial activities, including the ability to modify those activities; or
- (ii) The entity has day-to-day operational control of activities at a facility necessary to ensure compliance with the permit (e.g., the entity is authorized to direct workers at a facility to carry out activities required by the permit).

Person – an individual, association, partnership, corporation, municipality, State or Federal agency, or an agent or employee thereof. See 40 CFR 122.2.

Point source – any discernible, confined, and discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel, or other floating craft from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture or agricultural storm water runoff. See 40 CFR 122.2.

Pollutant – dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt, and industrial, municipal and agricultural waste discharged into water. See 40 CFR 122.2.

Pollutant of concern – A pollutant which causes or contributes to a violation of a water quality standard, including a pollutant which is identified as causing an impairment in a state's 303(d) list.

Primary industrial activity – includes any activities performed on-site which are (1) identified by the facility's primary SIC code; or (2) included in the narrative descriptions of 122.26(b)(14)(i), (iv), (v), or (vii), and (ix). [For co-located activities covered by multiple SIC codes, it is recommended that the primary industrial determination be based on the value of receipts or revenues or, if such information is not available for a particular facility, the number of employees or production rate for each process may be compared. The operation that generates the most revenue or employs the most personnel is the operation in which the facility is primarily engaged. In situations where the vast majority of on-site activity falls within one SIC code, that activity may be the primary industrial activity.] Narrative descriptions in 40 CFR 122.26(b)(14) identified above include: (i) activities subject to storm water effluent limitations guidelines, new source performance standards, or toxic pollutant effluent standards; (iv) hazardous waste treatment storage, or disposal facilities including those that are operating under interim status or a permit under subtitle C of the Resource Conservation and Recovery Act (RCRA); (v) landfills, land application sites and open dumps that receive or have received industrial wastes; (vii) steam electric power generating facilities; and (ix) sewage treatment works with a design flow of 1.0 mgd or more.

Qualified Personnel – Qualified personnel are those who possess the knowledge and skills to assess conditions and activities that could impact storm water quality at your facility, and who can also evaluate the effectiveness of control measures.

Reportable Quantity Release – a release of a hazardous substance at or above the established legal threshold that requires emergency notification. Refer to 40 CFR Parts 110, 117, and 302 for complete definitions and reportable quantities for which notification is required.

Runoff coefficient – the fraction of total rainfall that will appear at the conveyance as runoff. See 40 CFR 122.26(b)(11).

Semi-Arid Climate – areas where annual rainfall averages from 10 to 20 inches.

Significant materials – includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under section 101(14) of CERCLA; any chemical the facility is required to report pursuant to section 313 of Title III of SARA; fertilizers; pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with storm water discharges. See 40 CFR 122.26(b)(12).

Special Aquatic Sites – sites identified in 40 CFR 230 Subpart E. These are geographic areas, large or small, possessing special ecological characteristics of productivity, habitat, wildlife protection, or other important and easily disrupted ecological values. These areas are generally recognized as significantly influencing or positively contributing to the general overall environmental health or vitality of the entire ecosystem of a region.

Storm Water – storm water runoff, snow melt runoff, and surface runoff and drainage. See 40 CFR 122.26(b)(13).

Storm Water Discharges Associated with Construction Activity – a discharge of pollutants in storm water runoff from areas where soil disturbing activities (e.g., clearing, grading, or excavating), construction materials, or equipment storage or maintenance (e.g., fill piles, borrow areas, concrete truck washout, fueling), or other industrial storm water directly related to the construction process (e.g., concrete or asphalt batch plants) are located. See 40 CFR 122.26(b)(14)(x) and 40 CFR 122.26(b)(15).

Storm Water Discharges Associated with Industrial Activity – the discharge from any conveyance that is used for collecting and conveying storm water and that is directly related to manufacturing, processing or raw materials storage areas at an industrial plant. The term does not include discharges from facilities or activities excluded from the NPDES program under Part 122. For the categories of industries identified in this section, the term includes, but is not limited to, storm water discharges from industrial plant yards; immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility; material handling sites; refuse sites; sites used for the application or disposal of process waste waters (as defined at part 401 of this chapter); sites used for the storage and maintenance of material handling equipment; sites used for residual treatment, storage, or disposal; shipping and receiving areas; manufacturing buildings; storage areas (including tank farms) for raw materials, and intermediate and final products; and areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water. For the purposes of this paragraph, material handling activities include storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, final product, by-product or waste product. The term excludes areas located on plant lands separate from the plant's industrial activities, such as office buildings and accompanying parking lots as long as the drainage from the excluded areas is not mixed with storm water drained from the above described areas. Industrial facilities include those that are federally, State, or municipally owned or operated that meet the description of the facilities listed in 40 CFR 122.26(b)(14).

Surface Waters of the State - Means all streams, lakes, ponds, marshes, watercourses, waterways, springs, irrigation systems, drainage systems, and all other bodies or accumulations of surface water, natural or artificial, which are situated wholly or partly within, or border upon, this state, or are within its jurisdiction, except those private waters which do not combine or effect a junction with natural surface waters.

Total Maximum Daily Loads (TMDLs) – A TMDL is a calculation of the maximum amount of a pollutant that a waterbody can receive and still meet water quality standards, and an allocation of that amount to the pollutant's sources. A TMDL includes wasteload allocations (WLAs) for point source discharges; load allocations (LAs) for nonpoint sources and/or natural background, and shall include a margin of safety (MOS) and account for seasonal variations. (See section 303(d) of the Clean Water Act and 40 CFR 130.2 and 130.7).

Water Quality Impaired – See 'Impaired Water'.

Water Quality Standards – A water quality standard defines the water quality goals of a water body, or portion thereof, by designating the use or uses to be made of the water and by setting criteria necessary to protect the uses. States and U.S. EPA adopt water quality standards to protect public health or welfare, enhance the quality of water and serve the purposes of the Clean Water Act (See CWA sections 101(a)2

and 303(c)). Water quality standards also include an antidegradation policy. See P.U.D. o. 1 of Jefferson County et al v. Wash Dept of Ecology et al, 511 US 701, 705 (1994).

“You” and “Your” – as used in this permit are intended to refer to the permittee, the operator, or the discharger as the context indicates and that party’s facility or responsibilities. The use of “you” and “your” refers to a particular facility and not to all facilities operated by a particular entity. For example, “you shall submit” means the permittee shall submit something for that particular facility. Likewise, “all your discharges” would refer only to discharges at that one facility.

ABBREVIATIONS AND ACRONYMS

BAT – Best Available Technology Economically Achievable

BOD5 – Biochemical Oxygen Demand (5-day test)

BMP – Best Management Practice

BPJ – Best Professional Judgment

BPT – Best Practicable Control Technology Currently Available

CERCLA – Comprehensive Environmental Response, Compensation and Liability Act

CGP – Construction General Permit

COD – Chemical Oxygen Demand

CWA – Clean Water Act (or the Federal Water Pollution Control Act, 33 U.S.C. §1251 *et seq*)

CWT – Centralized Waste Treatment

DMR – Discharge Monitoring Report

U.S. EPA – U. S. Environmental Protection Agency

FWS – U. S. Fish and Wildlife Service

LA – Load Allocations

MDMR – MSGP Discharge Monitoring Report

MGD – Million Gallons per Day

MOS – Margin of Safety

MS4 – Municipal Separate Storm Sewer System

MSDS – Material Safety Data Sheet

MSGP – Multi-Sector General Permit

NAICS – North American Industry Classification System

NMFS – U. S. National Marine Fisheries Service

NOI – Notice of Intent

NOT – Notice of Termination

NPDES – National Pollutant Discharge Elimination System

NRC – National Response Center

NTU – Nephelometric Turbidity Unit

OMB – U. S. Office of Management and Budget

ORW – Outstanding Resource Water

OSM – U. S. Office of Surface Mining

POTW – Publicly Owned Treatment Works

RCRA – Resource Conservation and Recovery Act

RQ – Reportable Quantity

SARA – Superfund Amendments and Reauthorization Act

SIC – Standard Industrial Classification

SMCRA – Surface Mining Control and Reclamation Act

SPCC – Spill Prevention, Control, and Countermeasures

SWPPP – Storm Water Pollution Prevention Plan

TMDL – Total Maximum Daily Load

TSDf – Treatment, Storage, or Disposal Facility

TSS – Total Suspended Solids

USGS – United States Geological Survey

WLA – Wasteload Allocation

WQS – Water Quality Standard



EXHIBIT E

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M.D. **Walker & Associates**
Land Surveying | Civil Engineering | Structural Engineering

November 03, 2025

Michael Harris, REHS
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D: 937.285.6089
Michael.Harris@epa.ohio.gov

Re: Certification Report for Consent Order Cap Construction, Case #A2100907

Mr. Harris

We are pleased to present herein our certification report for the above-referenced case on behalf of Evans Landscaping, Inc., B E E Holdings Limited Partnership, Evans Gravel Inc., 8361 Broadwell Road, LLC, & Douglas L. Evans.

Please find additional information and the cap certification contained on the following pages of this report.

Best regards,

MD Walker & Associates

Mark D. Walker, P.E., P.S.
President

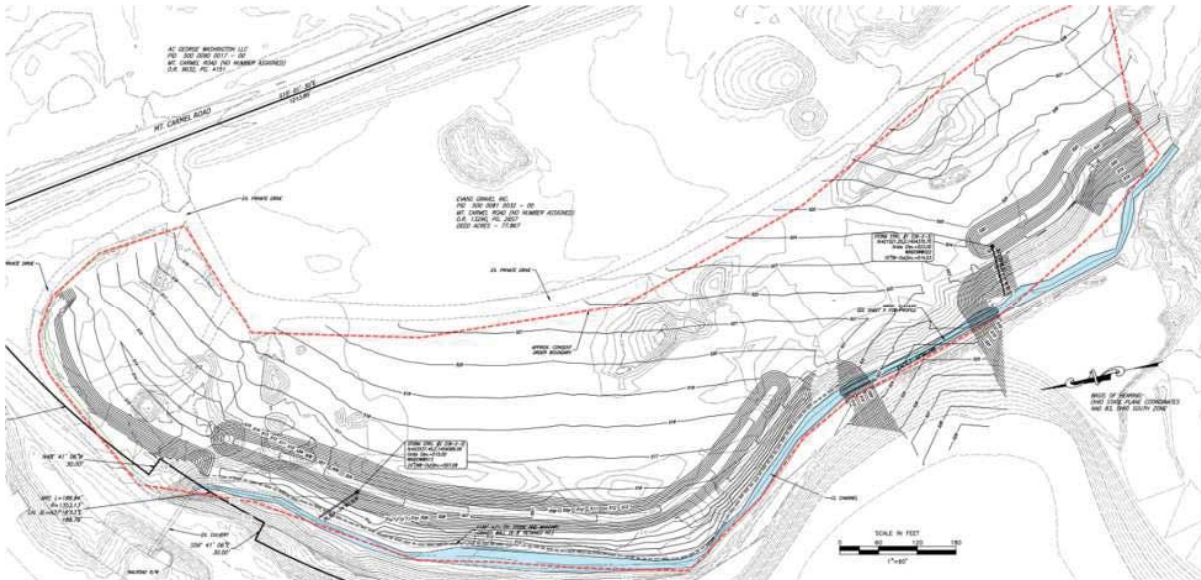
6809 Main Street, #1064
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Project Summary

The project and project requirements are based upon the Consent Order in Case No. A2100907. The orders cover a portion of the Hamilton County Tax Parcel ID 0500-0081-0032 (approximately 14 acres of the total 77.87 acre site) . The order includes the construction of a cap system in order to reduce any potential contamination from the soils located within the 14-acre area. Note that for the remainder of the report, we shall refer to the 14-acre area as the **cap area**. The cap area is outlined with a red dashed line on the image below:



Cap System and Alternate Cap System Summary and Details

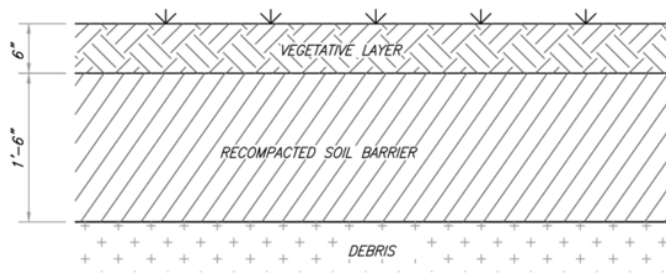
The proposed cap and alternate cap system were approved by the representatives at the Ohio EPA and Hamilton County Public Health based upon the plans prepared by MD Walker & Associates and dated 4/20/2024. The approval letter was dated 8/3/2024 (the approved cap design).

Please find the standard and alternate cap detail below:

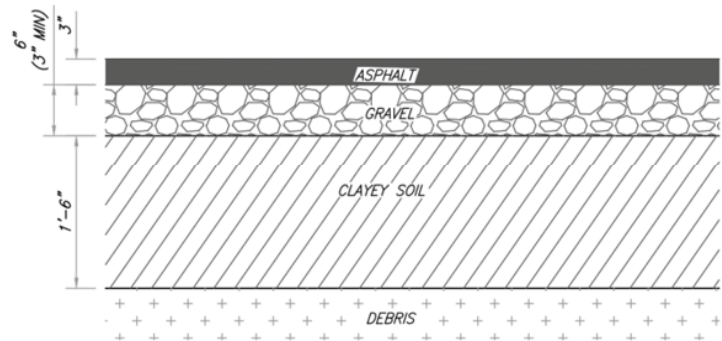
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STANDARD CAP SYSTEM
NO TO SCALE



ALTERNATIVE CAP SYSTEM
NO TO SCALE

It was the intent of the owner to utilize the alternate cap for the majority of the site, due to the existing flat grades and the difficulty creating a minimum 3% slope where none previously existed.

Soil Testing

The clay soils used in the construction of the cap were from an existing stockpile of material located at 8361 Broadwell Road, Anderson Township, Ohio, with approximately 35,000 cubic yards of material initially being approved for use in the cap construction in a letter dated March 10, 2023.

Upon completion of the original cap construction, additional testing was completed on the in place, compacted, clay cap soils, with the site being divided into 7 approximately equal zones.



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Soil samples were taken in each zone for testing. The samples were collected & tested, with a report prepared by Bennett & Williams, report dated 11/29/2024. See boring locations below:



Based upon the testing of soil samples from the above noted test locations, it was determined by Bennett & Williams that the soils in samples B101 and B107 did not meet all of the requirements for the cap because of the presence of course materials and that the samples taken from B102-B106 contained a small amount of non-soil materials. The owners did not agree with Bennet & Williams conclusions regarding the clay layer. However, placement of an additional clay layer was agreed to by the parties. Specifically, it was agreed that an additional 18" of approved clay material (compacted) were to be placed in areas designated as B101 and B107, and an additional 6" of approved clay material (compacted) in the remaining areas (B102, B103, B104, B105 & B106).

Cap System Construction and Inspection

During the construction of the cap system, regular construction monitoring was performed by myself and Mr. Greg Poore with daily visits to the site during construction. It was witnessed and



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documented that the clay material was placed in 12" lifts or less, and compacted with construction equipment, including a sheep's foot roller.

As noted in previous correspondence, a proof roll across the site was observed to identify any compaction issues that may have been present on the site. The proof roll was performed with a tandem axle dump truck with a total weight of 33.74 tons. The loaded truck was driven from one end of the site to the other, and then back again. During the proof roll, I witnessed no ground deformation or compaction issues. Based upon this inspection I can say that the strength of the subgrade is exceptional. The subgrade performed better than other past proof rolls witnessed on public asphalt covered streets. See below a copy of the truck ticket showing the weight of the vehicle.

Evans Sand & Gravel
4455 Mt. Carmel Rd.
Cincinnati, Ohio 45244
513-831-4102

Evans Ticket No.: **41128820**

(ALL TRUCKS ENTERING EVANS GRAVEL THAT ARE LOWER THAN 12'6" IN HEIGHT MUST TURN LEFT ONTO MT. CARMEL RD. PER ANDERSON TOWNSHIP REGULATIONS)

Date: 10/24/2024 Time: 1:25:06 pm

Location: 41-ODOTPREQUALIFIEDAGGSUP

Customer: EV30 EVANS LANDSCAPING ANDERSON

Order: SUNESIS3 SUNESIS CONSTRUCTION SR32 (DELIVERED)

P.O.: ODOT 230457 // SR32

Product: MSEWALL: MSE Wall Sand (703.11/705.0) **20.65 Ton**

| | Pounds | Tons | Metric |
|-------|---------|---------|---------|
| Gross | 67480 | 33.74 | 30.61 |
| Tare | 26180 * | 13.09 * | 11.88 * |
| Net | 41300 | 20.65 | 18.73 |

* Manual P. T.

ODOT#230457
SR32 INTERCHANGE
JOB NUMBER 23-32

Carrier: EVANS Evans Landscaping

Vehicle: 223 EVANS-JT

Received: _____

IN LIEU OF A DRIVER SIGNATURE, AN ASSIGNED TRUCK NUMBER VERIFIES THE ACCEPTANCE OF THIS LOAD, AND THE TERMS AND CONDITIONS OF SALE.

I AGREE THAT I AM SOLELY RESPONSIBLE FOR ENSURING THAT THE LOAD ON MY TRUCK COMPLIES WITH ALL APPLICABLE WEIGHT LIMITS. I AGREE TO HOLD HARMLESS AND INDEMNIFY EVANS GRAVEL, INC. FOR ALL DAMAGES, FINES, CLAIMS, EXPENSES OR COST ARISING OF OR IN ANY WAY CONNECTED WITH MY TRUCKS EXCEEDING ANY APPLICABLE WEIGHT LIMITS.

Ordered: 40,000.00
Received: 13,389.00
Remaining: 26,611.00

Today: 285.02 Loads: 14

Weighmaster: ODOT PRE-QUALIFIED
COPY 1 CARRIER

Evans Sand & Gravel
4455 Mt. Carmel Rd.
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Upon completion of the clay cap installation and in compliance with the approved alternate cap requirements, the majority of the site was paved to comply with a grade of less than 3%. Site visits and construction monitoring by the same parties mentioned above continued and a minimum of 3" of asphalt was placed over a minimum of 3" of gravel material. I would note that the actual thicknesses of the asphalt and gravel material far exceeds the 3" minimum requirement due to structural requirements of the pavement.



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In areas that had a surface slope greater than 3% (primarily the basins along the west edge of the cap area), a 6" vegetative layer of topsoil was placed and seeded.

Completion Dates

For reference, please find below a list of completed construction items along with their respective dates of completion:

- Additional Clay Layer Completed on September 10, 2025
- Vegetative Layer and Seeding Completed on September 25, 2025
- Asphalt cap was completed on October 15th, 2025
- Final Asphalt Surface Course completed on November 1st, 2025

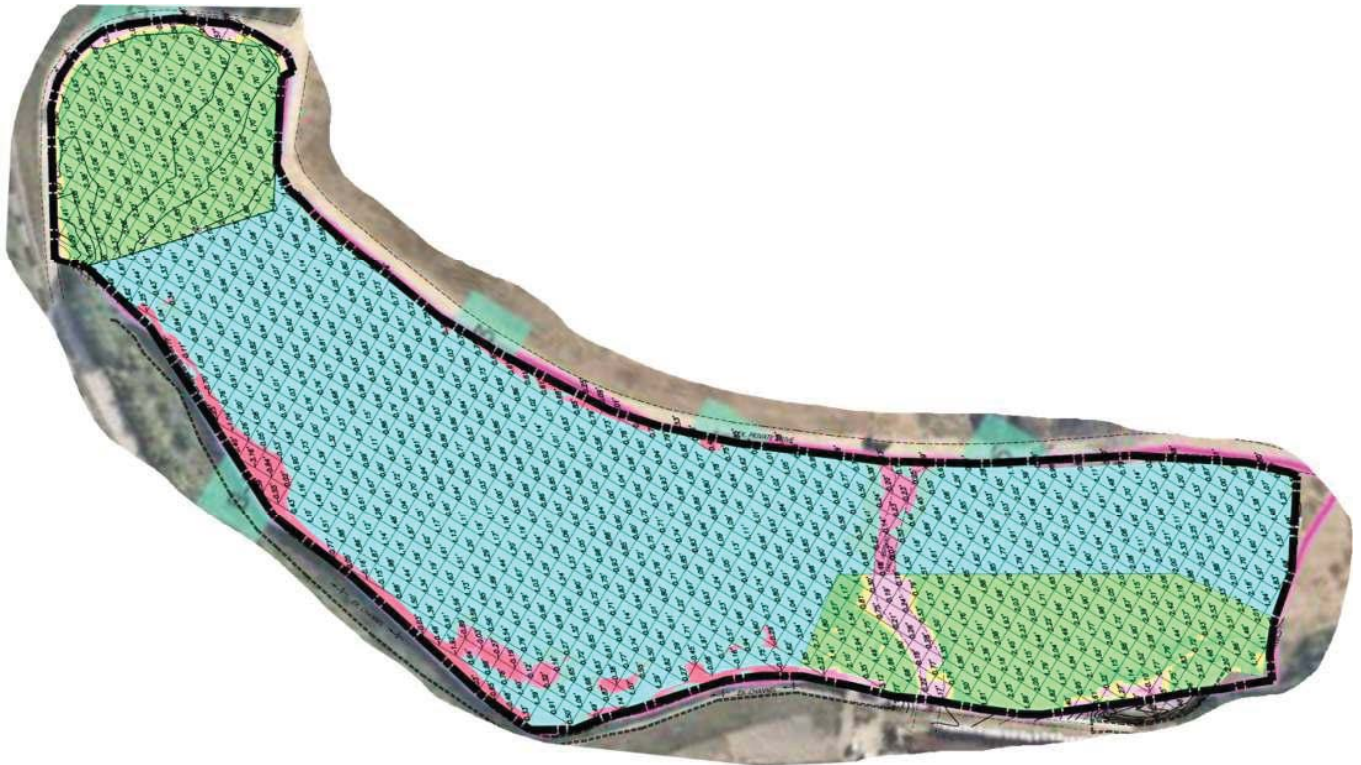
Thickness Verification

During construction of the clay cap, several surface as-built surveys were conducted including a clay surface as-built plan set dated 9/3/2025. The data on this survey showed the amount of fill placed on the site after the November 2024 testing and report by Bennett & Williams as well as the subsequent agreement to place additional clay fill material on site (18" in B101 & B107, and 6" on the remaining site). During this time there were several deficiencies in the thickness of the additional cap, including several areas within close proximity to existing asphalt drives. During this time and based upon the above-mentioned 9/3/2025 drawings it was agreed that several areas within 15 feet of the existing pavement could be excavated and replaced with approved clay in lieu of adding additional material due to the surface drainage issues. The final clay cap



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as-built was performed by MD Walker and Associates and a drawing issued on 9/16/2025 showing compliance with the agreed cap fill depths. See image below:



Note that the areas in green represent a minimum of 18" of fill in B101 and B107, while the areas in light blue represent a minimum of 6" of fill on the remaining site. I have attached a copy of the full page at the end of this report.

During the placement of the gravel and asphalt layers, field inspections were ongoing, again, by myself and Mr. Greg Poore. The thickness of the gravel layer was witnessed to be greater than 3", per the alternate cap requirement. The asphalt paving was completed by John R. Jurgenson Company, with the paving thicknesses being a total of 6" of asphalt (1.5" asphalt surface course



M.D. **Walker & Associates**
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over 4.5" asphalt base), far exceeding the minimum requirements. Attached at the end of this report are photos showing the completed asphalt and vegetative areas.

In summary the cap was completed in accordance with the approved cap design, including the modifications discussed above. Note that the modifications were approved by both Ohio EPA and Hamilton County Public Health.

I appreciate your time, attention and patience on this matter. Should you have any questions or require any additional information, please do not hesitate to contact me at (513)284-3232.

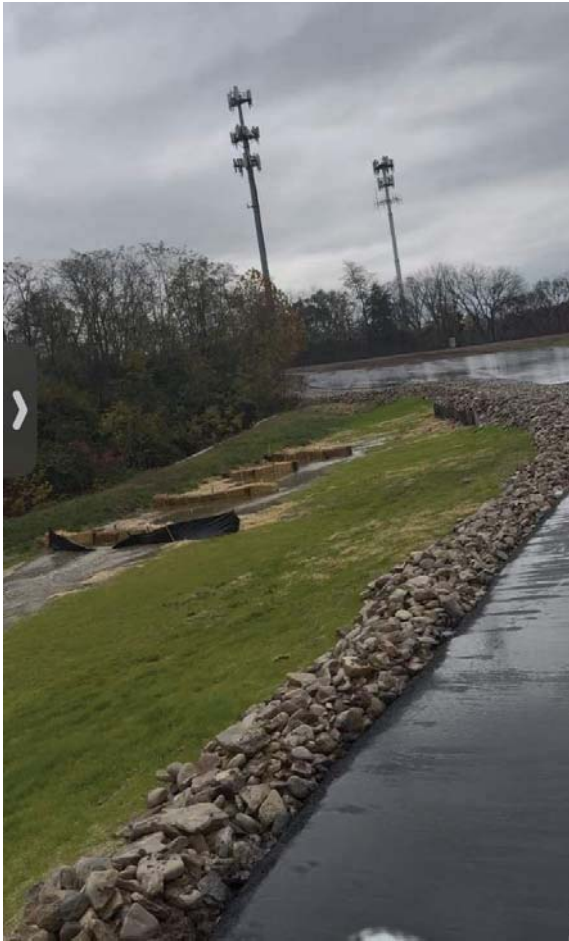
6809 Main Street, #1064
Cincinnati, OH 45244
513.284.3232
www.walker-engineer.com



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Completed Site Photos



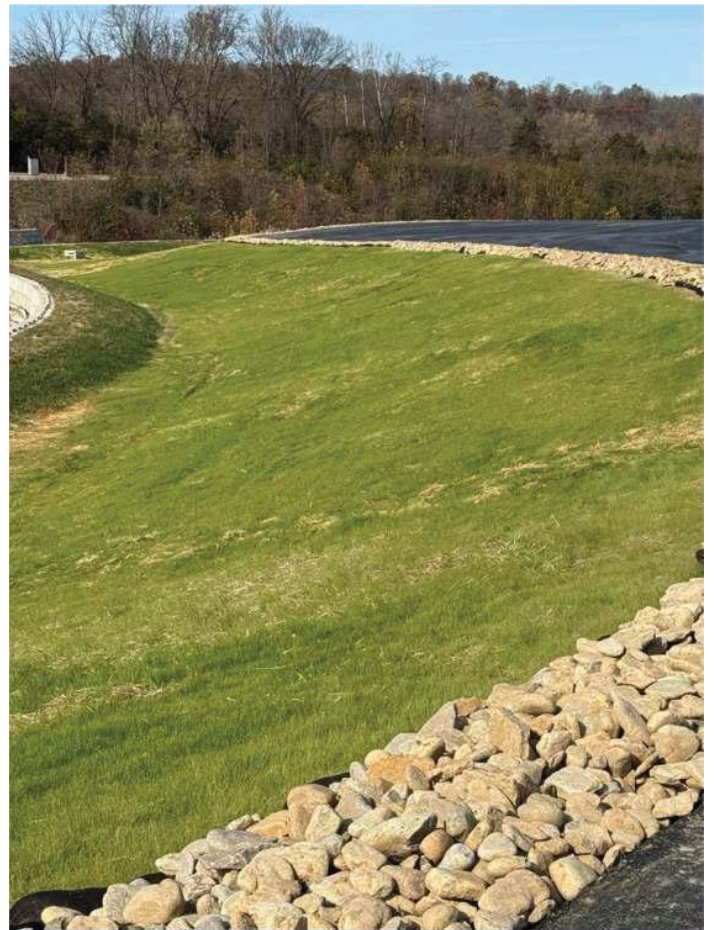
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Completed Site Photos – Continued



End report

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