STORMWATER
POLLUTION PREVENTION PLAN
(SPPP)

July 2018

Prepared for:

EASTERN
CONCRETE MATERIALS

Eastern Concrete Materials, Inc.
Hamburg Quarry/Morris Asphalt Plant
3620 Route 23
Hamburg, New Jersey 07419
Sussex County

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Hamburg Quarry/Morris Asphalt Plant SPPP
Sussex County, New Jersey

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I. Stormwater Pollution Prevention Plan

The following outline provides the key elements of the Hamburg Quarry (Hamburg) and Morris Asphalt Plant (Morris) Stormwater Pollution Prevention Plan (SPPP). The two operations together will be identified in this SPPP as "the Facility". The purpose of this SPPP is to meet the following objectives:

A. To identify potential sources of pollution and source materials onsite which may reasonably be expected to affect the quality of stormwater discharges associated with industrial activity;

B. To describe and ensure that practices are implemented to eliminate and/or reduce pollutants from source materials in stormwater discharges associated with industrial activity; and

C. To ensure compliance with the terms and conditions of this permit.

D. To demonstrate drainage control by ensuring that all stormwater from industrial areas is directed to regulated outfalls with a Drainage Control Map and with a Drainage Control Written Narrative

This SPPP will be maintained at the Facility and be made available to any representative of the Department of Environmental Protection for the State of New Jersey upon request. A copy of this SPPP has been sent to the Regional Bureau of Water Compliance and Enforcement and to the Bureau of Nonpoint Pollution Control. If changes are made to the SPPP, copies of such changes will be resent the Regional Bureau of Water Compliance and Enforcement and to the Bureau of Nonpoint Pollution Control.

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II. Stormwater Pollution Prevention Team

The following list identifies the staff members that comprise the Facility's stormwater pollution prevention team as well as their individual responsibilities.

Table 1: Stormwater Pollution Prevention Team			
Staff Names	**Responsibilities**	**Phone Number**	**Email Address**
Charlie Hiler	Facility Manager	(201) 587-5818	chiler@us-concrete.com
Kushal Shah	SWPPP Coordinator	(201) 249-1455	kshah@us-concrete.com
Steve Pallocat	Asphalt Manager	(973)-209-4444	NA

The stormwater pollution prevention team is responsible for developing and revising the facility's SPPP, implementing and maintaining control measures/BMPs, and taking corrective actions where required. Each member of the stormwater pollution prevention team has ready access to either an electronic or paper copy of applicable portions of the R13 General Discharge Permit and SPPP.

III. Description of Existing Environmental Management Plans

In addition to this SPPP, the Facility currently maintains a Spill Prevention Control and Countermeasure (SPCC) Plan pursuant to 40 CFR Part 112. A copy of the SPCC Plan is kept in the Facility Manager's Office with this SPPP.

IV. Site Assessment

The following site assessment describes the physical facility and the potential pollutant sources (materials, activities and areas) which may be reasonably expected to affect the quality of stormwater discharges. The key elements of the site assessment include the following requirements

A. Inventory of Industrial Activities and Source Materials

The location and description of these items are presented in the charts included as **Attachment B**.

B. Drainage Control Plan

The Site Drainage Map in **Attachment A** includes the following information:

1. the location and extent of significant structures and impervious surfaces;
2. directions of stormwater flow;
3. locations of all existing structural control measures;
4. locations of potential pollutant sources;
5. locations of the following activities where such activities are exposed to precipitation:
    - vehicle and equipment maintenance and/or cleaning areas;
    - loading/unloading areas;
    - locations used for the treatment, storage, or disposal of wastes;
    - processing and storage areas;

C. Narrative Description of Existing Conditions

Eastern Concrete Materials operates the Hamburg Quarry, which is located in Hamburg, New Jersey in Sussex County. The site is accessed through a private paved/dirt/gravel road off State Highway 23. Also, included within the boundaries of the Hamburg Quarry Property is a Hot Mix Asphalt Plant operated by Morris Asphalt.

1. **Hamburg Quarry**

Hamburg Quarry is a non-metallic mineral crushing and screening facility. Materials excavated from the quarry include dimension stone, rock, construction aggregate, riprap, sand, gravel, or slate. Operations include crushing and screening of larger rocks. The facility is equipped with primary jaw crusher, a primary screen, a secondary cone crusher, a secondary screen, a tertiary cone crusher, associated conveyors and a wet-suppression system is utilized to minimize dust emissions. The facility also occasionally operates a portable crushing plant.

Off road fuel trucks and delivery vehicles access the site through the main gate and will refuel the storage tank at various areas of the facility. All fueling operations are conducted according to the approved SPCC Plan. Miscellaneous lubricants and liquids used for the maintenance of facility vehicles and equipment are delivered to the Maintenance Garage. All site vehicles and mobile equipment are parked either inside or outside the Maintenance Garage. When feasible, vehicle and mobile equipment maintenance is performed at the facility. All used motor oil is placed in one of the 300-gallon Above Ground Storage Tanks located in the Maintenance Garage or outside at the secondary and tertiary crushers. Mobile equipment cleaning is conducted at the Maintenance Garage. All customer vehicles entering the facility access the site through the main gate and proceed to the appropriate material location for loading.

2. **Hot Mix Asphalt Plant**

Morris Asphalt manufactures hot mix asphalt from various material components located on site. The facility contains the plant area, office and control room trailers, various sheds and storage containers, and bins containing raw materials.

The process of production of hot mix asphalt requires the storage of source materials. Raw materials stored for processing on site include mineral filler,

asphalt binder, fuel oil, sand, and stone. Asphalt cement (AC) and fuel oil are contained within aboveground storage tanks (ASTs) enclosed in a containment basin adjacent to the plant area. A shed with spill response equipment is also maintained in the containment basin. The spill response equipment stored in the shed includes absorbent granules, spill pads, buckets, and a shovel.

Materials are either delivered onsite via dump trucks unloading to the stockpile area, or via tanker trucks, which unload directly to the proper storage container. The manufacturing process occurs in a covered drum dryer, mixing tower, and pug mill, which do not typically come into contact with storm water. Finished product is either loaded directly into trucks for shipment off site.

Morris Asphalt Plant also includes an office, a control room used as the Asphalt Manager's office, trailers, and a shed. The shed contains several 55-gallon drums of heat transfer oil. Pails of tack oil are also stored onsite near the control room.

V. Best Management Practices (BMP) Selection and Plan Design

A. Non-Stormwater Discharges into Storm Sewers

Hamburg does generate non-stormwater from its truck wash (no detergents used) and crushing operations, however, this water is directed back to the onsite basins. Water from the basins is used for dust suppression and is not discharged from the site.

B. Removal, Cover or Control of Industrial Activities

The Facility currently employs the following practices to minimize stormwater contact:

- When feasible, vehicle and mobile equipment maintenance is performed indoors.
- Waste oils are collected on site and sent out for recycling.
- When refueling occurs, tanks are not topped off after filling.
- During equipment re-fueling within the quarry, drip pans are utilized to minimize the possibility of spillage.
- All stationary above ground storage tanks are double contained.
- Spill kits and material are located in the vicinity of the storage tanks.
- Fueling operations are not conducted during storm events.

C. Diverting Stormwater

The Facility uses open drainage works ranging from shallow, narrow, frequently dry ditches, to wide, deep, permanently wetted ditches to divert stormwater discharges. These are used to

- Capture and control stormwater and runoff, and to direct it off site and/or onsite. Ditches prevent storm water from collecting silt and can partially filter out potential pollutants, protecting downstream aquatic ecosystems.
- The ditches also direct storm water to the onsite storm water basin where settling occurs via gravity. The Storm water that does discharge form the site is limited to storm water that flows from the access road and scale area to the sediment basin located along the access road prior to discharge.
- Divert storm water and runoff around a site.
- Keep work areas as dry as possible, thereby maximizing production and reducing machine and tire wear.
- Direct wash water to sediment ponds to receive treatment for reuse.

D. Spill Prevention and Response

The Facility follows the spill prevention and response measures below outlined in the SPCC plan referenced above. Highlights of this plan include:

- Containers that could be susceptible to spillage or leakage are plainly labeling (e.g., "Used Oil," and "Spent Solvents,") to encourage proper handling and facilitate rapid response if spills or leaks occur.

- Preventative measures such as barriers between material storage and traffic areas, secondary containment provisions, and procedures for material storage and handling are utilized

- Procedures are put in place for expeditiously stopping, containing, and cleaning up leaks, spills, and other releases. Employees who may cause, detect, or respond to a spill or leak are trained in these procedures and have necessary spill response equipment available.

- Procedures for notification of appropriate facility personnel, emergency response agencies, and regulatory agencies are utilized. 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, the National Response Center (NRC) at (800) 424-8802 will be notified of the discharge.

E. Good Housekeeping

Personnel are made aware of the proper disposal of waste material, will identify and correct environmental concerns, and will check the site for unsafe conditions. The following good housekeeping practices will be implemented at the facility:

- Daily cleanup;
- Daily pickup of trash and litter sitewide;
- Drip pans under stored vehicles in the parking area;
- Established procedures and storage locations for potential pollutants
- Areas swept when required;
- Proper storage of tools and materials used;
- Properly functioning drains and faucets;
- Use of dry absorbents or wet vacuuming to contain residual liquids originating from containers

F. Site Stabilization and Dust Control

The Facility uses the following BMP practices to stabilize the site and control dust during stormwater discharges:

1. **Grading:** Reshaping the ground surface to prepare the site for processing equipment, stockpile areas, etc., and for post extraction reclamation. This is used to
   - Provide suitable topography for post-mining land uses.
   - Facilitate equipment operation and stockpiling.

- Control surface runoff.
- Minimize soil erosion and sedimentation both during and after development of the site or aggregate extraction.

2. **Dust Management:** Practices to prevent dust from leaving the site and control of dust conditions include:
   - A 6000-gallon water truck is used to spread water on the main haul roads to prevent dusty conditions.
   - Water is routinely spread on the plant site during dry conditions to prevent dusty conditions.

3. **Topsoil Management:** Salvaging, storing and using topsoil for rehabilitation. This practice acts to
   - Retain site topsoil for rehabilitation and/or permit requirements.
   - Preserve topsoil quality during moving and storage.

4. **Vegetation Cover:** Ground cover (grasses & legumes), trees, shrubs or perennial plants sometimes consists of planting naturally occurring species to enhance existing cover. This cover acts to:
   - Enhance vertical density of large shrubs and trees and creates a vegetative "screen".
   - Minimize or control dust and erosion enhance water quality or facilitate reclamation.
   - When densely planted, control the growth of noxious weeds.

5. **Soil Erosion and Sediment Control:**

   Additional standards for Soil Erosion and Sediment Control in New Jersey are followed according to the Sussex County Soil Conservation District.

G. Settling Aids and Gel Logs

Settling aids are used by facilities to remove settleable solids in a discharge. Settling aids come in many forms, including, but not limited to flocculants, coagulants, and alums. Usually, a facility will dose the settling aid into the discharge then direct the discharge to a basin to allow for settling.

A settling aid is used in the primary settling pond. This pond circulates back through a series of weirs to the freshwater pond for use in the sand plant. At no time is the water that has been treated with flocculant discharged from the site. Only employees trained on the proper procedures are authorized to add flocculant to the pond through the dosage system.

H. Preventative Maintenance

There is a regular program of maintenance for vehicles and equipment on site. Hydraulic, transmission and engine oil and coolant leaks from vehicles and equipment are some of the most common spills at aggregate operations. A burst hydraulic hose on a large piece of mining equipment can pump tens of gallons of hydraulic fluid into the environment in the few seconds before the operator can react and stop the equipment. Regular maintenance and repairs acts to

- Reduce the number of equipment breakdowns, amount of down time and frequency of spills or fuel leaks
- Improve safety and protect water quality

I. Inspections and Evaluation Process

1. <u>Regular Inspections</u>

Operations personnel inspect the facility daily. The daily visual examination consists of a walk around of the plant. Plant operations personnel check the

storage tanks for leaks and proper operation. They examine all aboveground valves, fittings, gauges, and piping at the tank. They look for accumulation of water within the storage tank berms and verify the condition and position of valves. The storage tanks are gauged every day. A daily production report is maintained. All malfunctions, improper operation of equipment, evidence of leakage, stained or discolored soil, etc. are logged and communicated to the Facility Manager. The plant is also inspected for the following:

Table 2: Scope of Daily Examinations

Facility Area	Item	Observations
Storage Tanks, Crushers and Mobile Equipment (covered in the SPCC Plan)	Leaks	• Tank liquid level gauged • Drip marks, leaks from weld seams, base of tank • Puddles containing spilled or leak material • Corrosion, especially at base (pitting, flaking) • Cracks in metal • Excessive soil or vegetation buildup against base • Hose and connections
Plant Site	Drainage Ditches and Basins	• Erosion • Puddles containing spilled or leaked material • Settling
	Buffer Zones	• Evidence of encroachments • Dying vegetation
	Air Compressor	• Evidence of leaks • Evidence of leaks in the storage drum
	Drainage Pipes	• Evidence of blockage

2. Annual Inspections

Comprehensive site compliance evaluations are conducted once a year. The evaluations are performed by qualified personnel who possess the knowledge and skills to assess conditions and activities that could impact stormwater quality at the facility and who can evaluate the effectiveness of all existing BMPs. The personnel conducting the evaluations will be a pollution prevention team member.

A copy of the annual evaluation form is included as **Attachment D**. This annual report shall be kept with the SPPP and made available for inspection.

3. **Evaluation Process**

Management personnel assessing the effectiveness of the system shall evaluate this SPPP annually. It shall also be evaluated in the event of any of the systems in place are not proving adequate during routine inspections or stormwater releases due to failure of a system. These evaluations shall include at a minimum the review of the following items:

- Monthly and annual inspections.
- Inspection logs and reports.
- Internal reporting.
- Plan revisions to correct any flaws found or detected.
- Plan revisions to address changes at the plant.
- Preventative maintenance logs.
- Annual reports and Certifications of the SPPP.

J. Air Compressor Condensate Discharges

There are a total of 8 air compressors on site. The model and location are as follows:

- GE Air Compressor – under the main crusher – 120 psi
- SCALES – by the tertiary crushers area inside the shed – 120 psi
- INGERSOLL RAND – inside the maintenance garage – 120 psi
- QUINCY – inside the maintenance garage – 120 psi
- IMT – Mobile vehicle – portable
- JENNY – Mobile vehicle – portable

There are two permanent air compressors in the Asphalt Plant. Both compressors are rated at 175 and 200 cubic feet per minute (cfm) respectively. One of these compressors is a Curtis R/S Series 25, rated at 25 horsepower (hp). The other

compressor is a Sullair air compressor rated at 25 hp. There are no portable air compressors associated with the asphalt Plant.

All air compressor condensate discharges are collected in oil drain pans and removed from the site for off-site disposal. The Mobile compressor condensate is periodically drained in accordance with the manufacturers guidelines. Condensate will be collected and shipped off site for disposal.

K. Sampling Requirements and Numeric Effluent Limits

Sampling requirements and effluent limitations are presented in the following table:

Table 3: Sampling Requirements and Effluent Limits

Parameter	Limit	Units	Frequency	Sample Type
Flow Total	Report	MGD	1/Quarter	Calculated
pH	6.0 – 9.0	S.U.	1/Quarter	Grab
Temperature	Report	Degree Fahrenheit	1/Quarter	Grab
Total Petroleum Hydrocarbons (TPHC) Daily Maximum	15	mg/L	1/Quarter	Grab
Total Dissolved Solids (TDS)	500	mg/L	1/Quarter	Grab
Total Suspended Solids (TSS)	25	mg/L	1/Quarter	Grab
Dissolve Oxygen (DO)	5	mg/L	1/Quarter	Grab
Chemical Oxygen Demand (COD)	100	mg/L	1/Quarter	Grab
Surfactants	Report	mg/L	1/Quarter	Grab
Chromium	Report	mg/L	1/Quarter	Grab
Copper	Report	mg/L	1/Quarter	Grab
Lead	Report	mg/L	1/Quarter	Grab
Zinc	Report	mg/L	1/Quarter	Grab
Benzene	Report	mg/L	1/Quarter	Grab

All sampling is performed in accordance to the method specified in the NJDEP Field Sampling Procedures Manual and are analyzed by a New Jersey Certified Laboratory. Sampling results are summarized on the Discharge Monitoring Report (DMR) form included as **Attachment G** and reported using the NJDEP Electronic Data Interchange (EDI) Online System.

VI. Implementation Schedule

Each structural and non-structural element of the SPPP has been implemented and operating in accordance with the permit requirements. The effective date of the Stormwater Discharge General Permit was December 1, 2018 and all elements were in place at that time.

VII. General Plan Requirements

This section provides additional requirements on the administrative requirements related to finalizing your SPPP. It covers (A) required signatures, (B) requirements for plan location and access, and (C) required certifications.

A. Required Signatures for SPPP and the Certification Form.

The SPPP and Certification form shall be signed by a "responsible corporate officer" or duly authorized representative. A "responsible corporate officer" is:

(i) 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

B. Plan Location and Public Access

The SPPP and inspection and preventative maintenance records or logs are maintained on site at all times. These documents are available, upon request, to a representative of the Department. Additionally, the SPPP will be made available to the public upon request by the Department.

A copy of the SPPP shall be submitted to the appropriate Bureau of Water Compliance and Enforcement and to the Bureau of Nonpoint Pollution Control. Revisions made to the facility's SPPP shall be submitted also.

C. Certification of Stormwater Pollution Prevention Plan

SPPP Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name: KUSHAL SHAH Title: ENVIRONMENTAL MANAGER

Signature: _____ Date: 8/2/18

The Certification form with the appropriate box checked off certifying that the SPPP has been prepared was signed and submitted to the Department's Bureau of Nonpoint Pollution Control as required by Part IV of the permit. The Certification form with the appropriate box checked off certifying that the SPPP has been implemented will be signed and submitted annually thereafter to the Department's Bureau of Nonpoint Pollution Control as required by Part IV of the permit. A copy of the Certification Form is included in **Attachment E.**

VIII. Special Requirements

A. Facilities Subject to Emergency Planning and Community Right-to-Know Statute

The Hamburg facility is subject to the Emergency Planning and Community Right-to-Know Act (EPCRA) Section 313. A Community Right to Know Survey for 2018 is included as **Attachment H**.

B. Facilities with SPCC Plans, DPCC Plans, or DCR Plans

The Facility has a SPCC plan as described in **Section III**.

C. Facilities Undergoing Construction Activities

If construction activities are undertaken at the facility, the SPPP will be amended, if necessary, so that the SPPP continues to be accurate and to meet the requirements of Part I of the R13 permit.

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Attachment A

Drainage Control Plan

Site Drainage Plan

Eastern Concrete Materials
Hamburg Quarry
3620 Route 23,
Hamburg, NJ 07419

LEGEND

- Stormwater Flow Arrow
- Drainage Boundary

Project No. #0353.07.01
Scale: Not to Scale
Approved By:
Drawn By: M Lapp

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Facility Drainage Plan
Eastern Concrete Materials
Hamburg Quarry
3620 RT 23 N
Hamburg, NJ 07419

Drawing: DP-001
Date: 7/15/2018

Attachment B

Inventory of Industrial Activities and Source Materials

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Inventory of Industrial Activities and Source Materials

Hamburg Quarry					
Material	**Purpose/Location**	**Quantity**	**Method of Storage**	**Method of Handling**	**Method of Process**
Crusher Gear Oil	To Lubricate Plant Equipment	500 Gallons	Above Ground Storage Tank at Crusher Area	Loaded from Tanker Pumped to Equipment	Used in Equipment
Hydraulic Oil	To Lubricate Plant Equipment	Varies	55 Gallon Drum at Crusher Area	Offloaded from Deliver) Vehicles; Pumped to Equipment	Used in Equipment
Industrial Gear Oil	To Lubricate Plant Equipment	Varies	55 Gallon Drums at Crusher Area	Offloaded from Delivery Vehicles; Pumped to Equipment	Used in Equipment
All Purpose Oil EP #2	To Lubricate Plant Equipment	Varies	30 Gallon Drums at Crusher Area	Offloaded from Delivery Vehicles; Pumped to Equipment	Used in Equipment
Waste Oil	Waste Oil Drained From Crusher	500 Gallons	Above Ground Storage Tank at Crusher Area	Hand Poured from Containers and Drip Pans	Stored Until Hauled Offsite
Industrial Gear Oil	To Lubricate Plant Equipment	Varies	55 Gallon Drums at Main Crusher Area	Offloaded from Delivery Vehicles; Pumped to Equipment	Used in Equipment
Turbine Oil	To Lubricate Plant Equipment	Varies	55 Gallon Drums at Main Crusher Area	Offloaded from Delivery Vehicles; Pumped to Equipment	Used in Equipment
Hydraulic Oil	To Lubricate Plant Equipment	Varies	55 Gallon Drums at Main Crusher Area	Offloaded from Delivery Vehicles; Pumped to Equipment	Used in Equipment
Motor Oil	To Lubricate Plant Equipment	Varies	55 Gallon Drums at Main Crusher Area	Offloaded from Delivery Vehicles; Pumped to Equipment	Used in Equipment
Off Road Fuel #2	Used in Site Vehicles	10,000 Gallons	Above Ground Storage Tank On Access Road	Loaded from Tanker, Pumped to Vehicles	Used in Vehicles

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Inventory of Industrial Activities and Source Materials

Hamburg Quarry					
Material	**Purpose/Location**	**Quantity**	**Method of Storage**	**Method of Handling**	**Method of Process**
Mobile Re-Fueling	Used in Vehicles	100 Gallons	Double-Walled Tank in Site Vehicle	Loaded from Off Road Fuel Tank, Pumped to Vehicles	Used in Vehicles
Motor Oil	Used in Vehicles	550 Gallons	Above Ground Storage Tank In Maintenance Garage	Loaded from Tanker, Pumped to Vehicles	Used in Vehicles
Hydraulic Oil	Used in Vehicles	550 Gallons Above Ground	Storage Tank In Maintenance Garage	Loaded from Tanker, Pumped to Vehicles	Used in Vehicles
Transmission Oil	Used in Vehicles	550 Gallons 2 - 275 Gallons Above Ground	Storage Tank In Maintenance Garage	Loaded from Tanker, Pumped to Vehicles	Used in Vehicles
Transmission Fluid	Used for Vehicles	Varies	55 Gallon Drums In Maintenance Garage	Offloaded from Delivery Vehicles; Pumped to Vehicles	Used in Vehicles
Anti Freeze	Used for radiator fluid	Varies	55 Gallon Drums In Maintenance Garage	Offloaded from Delivery Vehicles; Pumped to Vehicles	Used in Vehicles
Gear Oil	Used in Vehicles	Varies	30 Gallon Drums In Maintenance Garage	Offloaded from Delivery Vehicles; Pumped to Vehicles	Used in Vehicles
Waste Oil	Waste Oil Drained from Vehicles and Equipment	300 Gallons	Above Ground Storage Tank In Maintenance Garage	Hand Poured from Containers and Drip Pans	Stored Until Hauled Offsite
Air Compressor	Used for Maintenance	N/A	Stored in Maintenance Garage	N/A	N/A
Tires	Stored Until Needed/Scrapped	Varies	Stored Outside Maintenance Garage	Removed from Vehicles and Equipment	Sent out for Scrap
Grease Truck	Used in Equipment	Varies	55 Gallon Drums Stored on Site Vehicle	Offloaded from Delivery Vehicles; Pumped to Equipment	Used in Equipment

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Inventory of Industrial Activities and Source Materials

Hamburg Quarry					
Material	**Purpose/Location**	**Quantity**	**Method of Storage**	**Method of Handling**	**Method of Process**
Mobile Compressor Flexair 1200	Used for Maintenance	N/A	Crusher Area	N/A	N/A
Scrap Parts	Stored Until Removed from Site	Varies	Roll Off Container Near Scale House	Roll Off Container	Stored Until Removed
Miscellaneous Site Equipment	Used for Various Site Activities	Varies	Parked Until Needed	Driven Under Own Power	Parking
Employee Parking	Parking for Vehicles	Varies	Parking Area	Driven Under Own Power	Parking
Concrete Sand	Resale/Processing	Varies	Stockpiles	Loaders/Haul Trucks	Stored Until Sold/Processed
3/8" Washed Stone	Resale/Processing	Varies	Stockpiles	Loaders/Haul Trucks	Stored Until Sold/Processed
3/4" Washed Stone	Resale/Processing	Varies	Stockpiles	Loaders/Haul Trucks	Stored Until Sold/Processed
1/4" Grits	Resale/Processing	Varies	Stockpiles	Loaders/Haul Trucks	Stored Until Sold/Processed
3/4" Quarry Process	Resale/Processing	Varies	Stockpiles	Loaders/Haul Trucks	Stored Until Sold/Processed
1/4" Stone	Resale/Processing	Varies	Stockpiles	Loaders/Haul Trucks	Stored Until Sold/Processed
Screenings	Resale/Processing	Varies	Stockpiles	Loaders/Haul Trucks	Stored Until Sold/Processed
Rip Rap	Resale/Processing	Varies	Stockpiles	Loaders/Haul Trucks	Stored Until Sold/Processed
1/4" Stone	Resale/Processing	Varies	Stockpiles	Loaders/Haul Trucks	Stored Until Sold/Processed
3/4" Stone	Resale/Processing	Varies	Stockpiles	Loaders/Haul Trucks	Stored Until Sold/Processed
3/8" Stone	Resale/Processing	Varies	Stockpiles	Loaders/Haul Trucks	Stored Until Sold/Processed

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Inventory of Industrial Activities and Source Materials

Hamburg Quarry					
Material	**Purpose/Location**	**Quantity**	**Method of Storage**	**Method of Handling**	**Method of Process**

Morris Asphalt plant					
Material	**Purpose/Location**	**Quantity**	**Method of Storage**	**Method of Handling**	**Method of Process**
Asphalt Cement		30,000 Gallons	Above Ground Storage Tank	Loaded from Tanker	Used to manufacture Asphalt
Off Road Fuel #2	Tank Currently Empty	1,000 Gallons	Above Ground Storage Tank	N/A	N/A
Off Road Fuel #2	Used in Site Vehicles	8,000 Gallons	Above Ground Storage Tank On Access Road	Loaded from Tanker, Pumped to Vehicles	Used in Vehicles
Spec Oil	Tank Currently Empty	15,000 Gallons	Above Ground Storage Tank	N/A	N/A
Heat Transfer oil	Shed	Varies	55 Gallon Drums	Offloaded from Delivery Vehicles; Pumped to Equipment	
Tack Oil	Shed	Varies	5 gallon Pails	Offloaded from Delivery Vehicles; Poured when needed	
Asphalt	Finished Product	Varies	Heated Silos	Pumped	

Attachment C

Routine Facility Inspection Form

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Stormwater Industrial Routine Facility Inspection Report

General Information			
Facility Name	Hamburg Quarry		
NPDES Tracking No.			
Date of Inspection		**Start/End Time**	
Inspector's Name(s)			
Inspector's Title(s)			
Inspector's Contact Information			
Inspector's Qualifications			

Weather Information
Weather at time of this inspection? ❑ Clear ❑Cloudy ❑ Rain ❑ Sleet ❑ Fog ❑ Snow ❑ High Winds ❑ Other: Temperature:
Have any previously unidentified discharges of pollutants occurred since the last inspection? ❑Yes ❑No **If yes, describe:**
Are there any discharges occurring at the time of inspection? ❑Yes ❑No **If yes, describe:**

Control Measures

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
1		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
2		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
3		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
4		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
5		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
6		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
7		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
8		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	
9		❑Yes ❑No	❑ Maintenance ❑ Repair ❑ Replacement	

EASTERN
CONCRETE MATERIALS

Areas of Industrial Materials or Activities exposed to stormwater.

	Area/Activity	Inspected?	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
1	**Material loading/unloading and storage areas**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
2	**Equipment operations and maintenance areas**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
3	**Fueling areas**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
4	**Outdoor vehicle and equipment washing areas**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
5	**Waste handling and disposal areas**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
6	**Erodible areas/construction**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
7	**Dust generation and vehicle tracking**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
8	**(Other)**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
9	**(Other)**	❑Yes ❑No ❑ N/A	❑Yes ❑No	
10	**(Other)**	❑Yes ❑No ❑ N/A	❑Yes ❑No	

Non-Compliance

Describe any incidents of non-compliance observed and not described above:

Attachment D

Comprehensive Site Compliance Evaluation Form

NPDES Permit Tracking No.:

EASTERN

Comprehensive Site Compliance Evaluation

A. GENERAL INFORMATION

1. Facility Name:

2. NPDES Permit Tracking No.:

3. Facility Physical Address:

a. Street:

b. City: c. State: d. Zip Code: -

4. Lead Inspectors Name: Title:

Additional Inspectors Name(s):

5. Contact Person: Title:

Phone: - - Ext. E-mail:

6. Inspection Date: / /

B. GENERAL INSPECTION FINDINGS

1. As part of this comprehensive site inspection, did you inspect all potential pollutant sources, including areas where industrial activity may be exposed to stormwater?
☐ YES ☐ NO

If NO, describe why not:

NOTE: *Complete Section C of this form for each industrial activity area inspected and included in your SWPPP or as newly identified in B.2 or B.3 below where pollutants may be exposed to stormwater.*

2. Did this inspection identify any stormwater or non-stormwater outfalls not previously identified in your SWPPP? ☐ YES ☐ NO

If YES, for each location, describe the sources of those stormwater and non-stormwater discharges and any associated control measures in place:

NPDES Permit Tracking No.:

3. Did this inspection identify any sources of stormwater or non-stormwater discharges not previously identified in your SWPPP? ☐ YES ☐ NO

If YES, describe these sources of stormwater or non-stormwater pollutants expected to be present in these discharges, and any control measures in place:

4. Did you review stormwater monitoring data as part of this inspection to identify potential pollutant hot spots? ☐ YES ☐ NO ☐ NA, no monitoring performed

If YES, summarize the findings of that review and describe any additional inspection activities resulting from this review:

5. Describe any evidence of pollutants entering the drainage system or discharging to surface waters, and the condition of and around outfalls, including flow dissipation measures to prevent scouring:

6. Have you taken or do you plan to take any corrective actions, as specified in Part 3 of the permit, since your last annual report submission (or since you received authorization to discharge under this permit if this is your first annual report), including any corrective actions identified as a result of this annual comprehensive site inspection?

☐ YES ☐ NO

If YES, how many conditions requiring review for correction action as specified in Parts 3.1 and 3.2 were addressed by these corrective actions? ☐☐

NOTE: *Complete the attached Corrective Action Form (Section D) for each condition identified, including any conditions identified as a result of this comprehensive stormwater inspection.*

NPDES Permit Tracking No.:

C. INDUSTRIAL ACTIVITY AREA SPECIFIC FINDINGS

Complete one block for each industrial activity area where pollutants may be exposed to stormwater. Copy this page for additional industrial activity areas.

In reviewing each area, you should consider:

- Industrial materials, residue, or trash that may have or could come into contact with stormwater;
- Leaks or spills from industrial equipment, drums, tanks, and other containers;
- Offsite tracking of industrial or waste materials from areas of no exposure to exposed areas; and
- Tracking or blowing of raw, final, or waste materials from areas of no exposure to exposed areas.

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO

3. Have any control measures failed and require replacement? ☐ YES ☐ NO

4. Are any additional/revised control measures necessary in this area? ☐ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO

3. Have any control measures failed and require replacement? ☐ YES ☐ NO

4. Are any additional/revised c necessary in this area? ☐ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA _____:

Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO

3. Have any control measures failed and require replacement? ☐ YES ☐ NO

4. Are any additional/revised BMPs necessary in this area? ☐ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

NPDES Permit Tracking No.:

NOTE: *Copy this page and attach additional pages as necessary*

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO

3. Have any control measures failed and require replacement? ☐ YES ☐ NO

4. Are any additional/revised BMPs necessary in this area? ☐ YES ☐ NO

If YES to any of those three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO

3. Have any control measures failed and require replacement? ☐ YES ☐ NO

4. Are any additional/revised BMPs necessary in this area? ☐ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? ☐ YES ☐ NO

3. Have any control measures failed and require replacement? ☐ YES ☐ NO

4. Are any additional/revised BMPs necessary in this area? ☐ YES ☐ NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

NPDES Permit Tracking No.:
|_|_|_|_|_|_|_|_|_|

D. CORRECTIVE ACTIONS

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in this comprehensive stormwater inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # |_|_| of |_|_| for this reporting period.

2. Is this corrective action:

- ☐ An update on a corrective action from a previous annual report; or
- ☐ A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- ☐ Unauthorized release or discharge
- ☐ Numeric effluent limitation exceedance
- ☐ Control measures inadequate to meet applicable water quality standards
- ☐ Control measures inadequate to meet non-numeric effluent limitations
- ☐ Control measures not properly operated or maintained
- ☐ Change in facility operations necessitated change in control measures
- ☐ Average benchmark value exceedance
- ☐ Other (describe): _____

4. Briefly describe the nature of the problem identified:

5. Date problem identified: |_|_| / |_|_| / |_|_|_|_|

6. How problem was identified:

- ☐ Comprehensive site inspection
- ☐ Quarterly visual assessment
- ☐ Routine facility inspection
- ☐ Benchmark monitoring
- ☐ Notification by EPA or State or local authorities
- ☐ Other (describe): _____

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

8. Did/will this corrective action require modification of your SWPPP? ☐ YES ☐ NO

9. Date corrective action initiated: |_|_| / |_|_| / |_|_|_|_|

10. Date correction action completed: |_|_| / |_|_| / |_|_|_|_| or expected to be completed: |_|_| / |_|_| / |_|_|_|_|

11. If corrective action not yet completed, provide the status of corrective action at the time of the comprehensive site inspection and describe any remaining steps (including timeframes associated with each step) necessary to complete corrective action:

NPDES Permit Tracking No.:

E. ANNUAL REPORT CERTIFICATION

1. Compliance Certification

Do you certify that your annual inspection has met the requirements of Part 4.2 of the permit, and that, based upon the results of this inspection, to the best of your knowledge, you are in compliance with the permit? ☐ YES ☐ NO

If NO, summarize why you are not in compliance with the permit:

2. Annual Report Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Representative Printed Name: Title:

Signature: Date Signed:

Attachment E

Certification Form

New Jersey Department of Environmental Protection
Mail Code 401-02B
Division of Water Quality
Bureau of Nonpoint Pollution Control
P O. Box 420 - 401 E. State St.
Trenton, NJ 08625-0420
Tel: 609-633-7021 / Fax: 609-777-0432
http://www.state.nj.us/dep/dwq/bnpc_home.htm

CERTIFICATION FORM

STORMWATER POLLUTION PREVENTION PLAN (SPPP) PREPARATION, IMPLEMENTATION AND ANNUAL CERTIFICATION FOR INDUSTRIAL STORMWATER PERMITS

A. NJPDES Permit and Facility Information

1. This form may be used to satisfy the certification requirements for the following permits:

- ☐ **Concrete Products Manufacturing Stormwater General Permit (NJ0108456, CPM)**
- ☐ **Scrap Metal Processing/Auto Recycling General Permit (NJ0107671, SM)**
- ☐ **Scrap Metal Processing/Auto Recycling General Permit (NJ0163261, SM2)**
- ☐ **Hot Mix Asphalt Producers General Permit (NJ0132721, R4)**
- ☐ **Newark Airport Complex General Permit (NJ0134791, R5)**
- ☐ **Concentrated Animal Feeding Operation General Permit (CAFO) (NJ0138631, R8)**
- ☐ **Mining & Quarrying Activity Stormwater General Permit (NJ0141950, R13)**
- ☐ **Sand and Gravel General Permit (NJ0201189, RSG)**
- ☐ **Wood Recyclers General Permit (NJ0138622, R7)**
- ☐ **Individual Industrial Stormwater Permit, (RF)**

2. Name of Facility:	
3. NJPDES No.:	4. PI ID No.:
5. Effective Date of Permit:	6. Certification Due Date:

B. Applicable Certifications

1. Please check which certification you are submitting.

☐ **SPPP* Preparation Certification**
(Certifies that the SPPP was prepared in accordance with permit conditions)
☐ **SPPP* Implementation Certification**
(Certifies that the SPPP was implemented in accordance with permit conditions)
☐ **Annual Certification**
(Certifies that an Annual Inspection was conducted on _____ and SPPP evaluated in accordance with permit conditions)

* For CAFO Permits, Comprehensive Waste Management Plan (CWMP)

C. Certification Statements

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for purposely, knowingly, recklessly, or negligently submitting false information."

"I certify that the facility is in compliance with its Stormwater Pollution Prevention Plan (SPPP) or Comprehensive Waste Management Plan (CAFOs only), and the NJPDES Permit (checked in Section A. above) except for any incident(s) of noncompliance which are identified herein. For any incident(s) of noncompliance, the attached report identifies the steps being taken to remedy the noncompliance and to prevent such incident(s) from recurring.

1. Is a **Drainage Control Plan** attached? (if applicable)	☐ YES	☐ NO
2. Is an **Incident of Noncompliance Report** attached?	☐ YES	☐ NO
3. Is a **BMP Report** attached? (Newark Airport Operators only)	☐ YES	☐ NO

D. Signatory Requirements

See attached Certification Form instructions for specific signatory requirements.

NAME (Please Print): _____ **TITLE:** _____

SIGNATURE: _____ **DATE:** _____

E. Where to Submit

Send the original signed Generic Certification Form to:

Mail Code 401-02B
New Jersey Department of Environmental Protection
Division of Water Quality
Bureau of Nonpoint Pollution Control
PO Box 420 - 401 E. State St.
Trenton NJ, 08625-0420

Do not submit the actual SPPP with this Certification, unless otherwise specified in the permit.
The SPPP and a **copy** of the Certification Form, and any Incident of Noncompliance Report(s) are to remain onsite, available for review. Additional information and forms can be obtained on the Bureau's website at http://www.state.nj.us/dep/dwq/bnpc_home.htm or by telephone at (609) 633-7021.

CERTIFICATION FORM INSTRUCTIONS

This Certification Form replaces the certification forms required by the following NJPDES stormwater permits:

Concrete Products Manufacturing Stormwater General Permit (NJ0108456, CPM)

Scrap Metal Processing/Auto Recycling General Permit (NJ0107671, SM)

Scrap Metal Processing/Auto Recycling General Permit (NJ0163261, SM2)

Hot Mix Asphalt Producers General Permit (NJ0132721, R4)

Newark Airport Complex General Permit (NJ0134791, R5)

Concentrated Animal Feeding Operation General Permit (CAFO) (NJ0138631, R8)

Mining & Quarrying Activity Stormwater General Permit (NJ0141950, R13)

Sand and Gravel General Permit (NJ0201189, RSG)

Wood Recyclers General Permit (NJ0138622, R7)

Individual Industrial Stormwater Permit, (RF)

Additional copies of the Certification Form and Instructions can be downloaded from **http://www.state.nj.us/dep/dwq/bnpc_home.htm** or obtained by contacting the Bureau of Nonpoint Pollution Control (BNPC) at (609) 633-7021.

Section A – NJPDES Permit and Facility Information

1. Place a checkmark in the box corresponding to the appropriate stormwater permit that your facility is authorized under. The name of the permit can be found on the permit authorization page. If you cannot locate your facility's permit authorization page, you may obtain a copy by contacting the BNPC at (609) 633-7021.

2. Provide the name of the facility. If the name of the facility has changed submit an Administrative Update Form along with the Certification Form.

3. Provide the facility's NJPDES Permit Number as it appears on the permit authorization page. All NJPDES permit numbers for facilities authorized under a general permit will begin with **NJG** and is different from the NJPDES Permit Number assigned to the master general permit.

4. Provide the PI ID No. as it appears on the permit authorization page.

5. Provide the effective date of permit, as it appears on the permit authorization page.

6. Provide the certification due date. The certification due date is the date or calendar quarter and year, that the certification is due. The due date is based on either the Effective Date of Permit Authorization (EPDA), the Effective Date of Permit (EDP), or may be a specific date specified in the permit.

TABLE 1 – Certification Due Dates

	SPPP Preparation Certification Due Date	SPPP Implementation Certification Due Date	Annual Certification Due Date
Concrete Products Manufacturing Stormwater (NJ0108456)	Within 6 months from EDPA	Within 24 months from EDPA	Due 36 months from EDPA and annually thereafter
Scrap Metal Processing/Auto Recycling General Permit (NJ0107671, SM)	Within six 6 months from EDPA	Within 18 months from the EDPA	Within 30 months from the EDPA, and annually thereafter
Scrap Metal Processing/Auto Recycling General Permit (NJ0163261, SM2)	Within 6 months from EDPA	Within 12 months from the EDPA	October 1st of each year, beginning 12 months from EDPA
Wood Recyclers General Permit (NJ0138622)	Within six 6 months from EDPA	Within 24 months from EDPA	Due 36 months from EDPA and annually thereafter
Hot Mix Asphalt Producers General Permit (NJ0132721)	Within six 6 months from the EDPA	Within 24 months from EDPA	Due 36 months from EDPA and annually thereafter
Newark Airport Complex General Permit (NJ0134791)	New Operators - Within 6 months from EDPA	New Operators - Within 18 months from EDPA Otherwise, 12 months from the effective date of renewal authorization	New Operators - Within 12 months from EDPA and annually thereafter, Otherwise 24 months from the effective date of renewal authorization and annually thereafter
Concentrated Animal Feeding Operation (CAFO) General Permit (NJ0138631)	March 1, 2004	March 1, 2006	February 1st of each year, beginning 48 months from EDP
Mining & Quarrying Activity Stormwater General Permit (NJ0141950)	Within 6 months from EDPA	Within 18 months from EDPA	Due 30 months from the EDPA
Sand and Gravel General Permit (NJ0201189)	Within 6 months from EDPA For those facilities not previously authorized under the R13	Within 24 months from EDPA For those facilities not previously authorized under the R13	Facilities not currently authorized under the R13 within 36 months of EDPA. Facilities currently authorized under the R13 submittal annually on schedule consistent with previous R13 authorization.
Individual Industrial Stormwater Permit	Permit specific – see permit for details	Permit specific – see permit for details	Permit specific – see permit for details

SECTION B – Applicable Certifications

1. Check the appropriate box to indicate which certification is being submitted. A facility may check multiple boxes if they are indicating that a SPPP has been both prepared and implemented concurrently.

   Newly constructed facilities may be required to certify that a SPPP has been prepared and implemented at the time the Request for Authorization is submitted to the Department. A facility may use this Certification Form and check multiple boxes to satisfy this certification requirement.

SECTION C – Certification Statements

1. Please carefully read the certification to ensure that you fully understand what you are certifying and that it is a true and accurate statement.
2. Certain permits require the submission of a Drainage Control Plan (DCP) along with the SPPP preparation certification. Please check the box if a Drainage Control Plan is attached to this Certification Form.

TABLE 2 – Drainage Control Plan Due Dates (unless otherwise specified)

	Drainage Control Plan (DCP) Due Date
Concrete Products Manufacturing General Permit (NJ0108456)	Within 6 months from EDPA, submitted with the Certification Form
Hot Mix Asphalt Producers General Permit (NJ0132721)	Within 6 months from EDPA, submitted with the Certification Form
Wood Recyclers General Permit (NJ0138622)	Within 6 months from EDPA, submitted with the Certification Form
Mining & Quarrying General Permit (NJ0141950)	Within 6 months from EDPA, submitted with the Certification Form
Scrap Metal Processing/Auto Recycling General Permit (NJ0163261, SM2)	Initial DCP by October 1, 2014 and Final DCP by October 1, 2015; unless otherwise specified in a Notice of Authorization.

Notes and Abbreviations : (EDPA) means the effective date of permit authorization

3. Please check the box if an Incident of Noncompliance Report is attached to this Certification Form. The Incident of Noncompliance Report must identify the steps being taken to remedy the noncompliance and to prevent such incident(s) from recurring. An Incident of Noncompliance Report form may be downloaded at http://www.state.nj.us/dep/dwq/forms_storm.htm .
4. For operators authorized under the Newark Airport General Permit (NJ0134791) a BMP Report must be submitted along with the Stormwater Pollution Prevention Plan Preparation Certification and the Stormwater Pollution Prevention Implementation Certification. Please check the box if a BMP Report is attached.

SECTION D – Signatory Requirements

A Responsible Official is defined in N.J.A.C. 7:14A – 4.9 as follows:

For a corporation: 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:
(1) The manager is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty of recommending major capital investment, initiating and directing comprehensive measures to assure long term compliance with environmental laws and regulations, and ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; or
(2) The authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

For a partnership or sole proprietorship: A general partner or the proprietor.

For a government agency: A ranking elected official; or the chief executive officer of the agency; or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrator).

By a duly authorized representative as **defined in N.J.A.C. 7:14A – 4.9(b).**

New Jersey Department of Environmental Protection
Mail Code 401-02B
Division of Water Quality
Bureau of Nonpoint Pollution Control
P.O. Box 420 - 401 E. State St.
Trenton, NJ 08625-0420
Tel: 609-633-7021 / Fax: 609-777-0432
http://www.state.nj.us/dep/dwq/bnpc_home.htm

Incident of Noncompliance Report Form

This form may be completed and submitted for any incidents of noncompliance identified in a facility's annual report and certification. A separate form must be completed for each incident.

A. NJPDES Permit and Facility Information

1. Indicate which NJPDES permit your facility currently has:

- ☐ **Concrete Products Manufacturing Stormwater General Permit (NJ0108456)**
- ☐ **Scrap Metal Processing/Auto Recycling General Permit (NJ0107671, SM)**
- ☐ **Scrap Metal Processing/Auto Recycling General Permit (NJ0163261, SM2)**
- ☐ **Hot Mix Asphalt Producers General Permit (NJ0132721)**
- ☐ **Newark Airport Complex General Permit (NJ0134791)**
- ☐ **Concentrated Animal Feeding Operations (CAFO) General Permit (NJ0138631)**
- ☐ **Mining & Quarrying Activity Stormwater General Permit (NJ0141950)**
- ☐ **Sand and Gravel General Permit (NJ0201189, RSG)**
- ☐ **Wood Recyclers General Permit (NJ0138622)**
- ☐ **Individual Industrial Stormwater Permit**

2. NAME OF FACILITY:	
3. NJPDES No.:	4. PI ID No.:
5. CONTACT	6. TELEPHONE NUMBER

B. Incident of Noncompliance

1. Describe Incident of Noncompliance (include date of incident occurrence)

_____

_____

_____

_____

_____

_____

2. Steps taken to remedy noncompliance and to prevent incidents from reoccurring

_____

_____

_____

_____

_____

B. Signature of Person Responsible for this Report

NAME (Please Print): _____ **TITLE:** _____

SIGNATURE: _____ **DATE:** _____

Attachment F

R-13 Mining and Quarry General Permit (MQGP)

New Jersey Department of Environmental Protection
Bureau of Nonpoint Pollution Control
Division of Water Quality
PO Box 029
Trenton, NJ 08625-0029
Phone: (609) 633-7021
Fax: (609) 984-2147

AUTHORIZATION TO DISCHARGE
R13 -Mining and Quarrying Activity Stormwater General Permit

Facility Name:
HAMBURG QUARRY

PI ID #: 285429

Facility Address:
3620 RT 23 N
Hamburg, NJ 07419

NJPDES #: NJG0163899

SIC Code: 1442

Type of Activity: Stormwater Discharge General Permit Authorization New

Owner:
EASTERN CONCRETE MATERIALS INC
475 MARKET ST
Elmwood Park, NJ 07407

Operating Entity:
EASTERN CONCRETE MATERIALS INC
475 MARKET ST
Elmwood Park, NJ 07407

Issuance Date:	Effective Date of Authorization:	Expiration Date:
04/01/2007	07/01/2007	04/30/2010

Your Request for Authorization under NJPDES General Permit No. NJ0141950 has been approved by the New Jersey Department of Environmental Protection.

Date: 04/01/2007

Ed Frankel, P.P., Section Chief
Bureau of Nonpoint Pollution Control
Division of Water Quality
New Jersey Department of Environmental Protection

Table of Contents

This Permit Package Contains the Items Listed Below

1. NJPDES Permit Authorization Page

2. Part I NARRATIVE REQUIREMENTS

3. Part II GENERAL REQUIREMENTS: DISCHARGE CATEGORIES

4. Part III : MONITORING REQUIREMENTS FOR THIS AUTHORIZATION

5. Part IV SPECIFIC REQUIREMENTS:

6. Attachment B Contents of a Stormwater Pollution Prevention Plan

7. Certification Form: (Attachment C) Stormwater Pollution Prevention Plan Preparation, Implementation and Annual Certification for Industrial Stormwater Permits

PART II

GENERAL REQUIREMENTS: DISCHARGE CATEGORIES

A. Additional Requirements Incorporated By Reference

1. Stormwater/Ground Water Discharge Requirements

a. In addition to conditions in Part I of this permit, the conditions in this section are applicable to activities at the permitted location and are incorporated by reference. The permittee is required to comply with the regulations, which are in effect as of the effective date of the final permit.

i. Conditions for General Permits N.J.A.C. 7:14A-6.13.

ii. Procedures and conditions applicable to certain stormwater discharges at N.J.A.C. 7:14A-24 et seq.

iii. Pineland rules N.J.A.C. 7:50 et seq.

iv. Recycling rules N.J.A.C. 7:26A et seq.

v. Procedures and conditions applicable to ground water N.J.A.C. 7:14A-7.

B. General Conditions

1. Permit Area

a. This permit applies to:

i. Existing Facilities - Statewide; and

ii. New Facilities - except as prohibited in Part II.B.4 below.

2. Scope

a. The issuance of this permit shall not be considered a waiver of any applicable federal, state, and local rules, regulations and ordinances.

b. Permit conditions remain in effect and enforceable until and unless the permit is modified, renewed or revoked by the Department.

c. Regulated activities covered under this general permit are specifically exempt from the stormwater runoff quality standards at N.J.A.C. 7:8-5.5.

3. Notification of Non-Compliance

a. The permittee shall notify the Department of all non-compliance when required in accordance with N.J.A.C. 7:14A-6.10 by contacting the DEP Hotline at 1-877-WARN-DEP.

b. The permittee shall submit a written report as required by N.J.A.C. 7:14A-6.10 within five (5) days.

4. Eligibility

a. The permit authorizes only those stormwater discharges to surface and ground water, and mine dewatering discharges to surface water, as specified in Part III Tables and activities outlined in Part IV of this permit from facilities engaged in mining and quarrying operations. The Department may authorize, under this general permit, other facilities that it deems are performing similar operations.

b. The following SIC (and NAICS) codes may be authorized to discharge under the conditions of this permit: SIC 1411 (212311)-Mining and Quarrying of Dimension Stone; 1422 (212312), 1423 (212313), 1429 (212319)-Crushed and Broken Stone; 1442 (212321), 1446 (212322)-Sand & Gravel; 1455 (212324), 1459 (212325)-Clay, Ceramic, and Refractory Stone. Facilities that have a significant portion of their business derived from activities under this permit but do not operate under the designated SIC (or NAICS) codes, may be authorized to discharge under the conditions of the permit. Those eligible for the Mining and Quarrying Stormwater General Permit will be facilities that have mining and quarrying as whole or part of their industrial activity. These facilities may or may not have on-site hot mix asphalt plants and/or concrete products manufacturing plants that share common drainage area(s) and outfall(s) with the mining and quarrying operations.

c. This permit does not authorize the following discharges or industrial activities:

i. Stormwater discharges authorized under another individual NJPDES Discharge to Surface Water (DSW) or NJPDES Discharge to Ground Water (DGW) permit (including an expired permit). The permittee may request authorization under this general permit if eligible;

ii. Stormwater discharges from facilities with "sanitary landfills", as defined in N.J.A.C. 7:26-1.4, or hazardous waste facilities that have significant materials exposed, as defined in 40 CFR 122.26(b)(12);

iii. Other discharges, even if such discharges are combined with stormwater discharges that are authorized by this permit;

iv. New or expanded operations with discharges to surface water classified under Category One (C1), Pineland Waters (PL) or Fresh Water One (FW1) designated in the tables in N.J.A.C. 7:9B-1.15; or Trout Maintenance or Trout Production streams;

v. New or expanded operations with discharges to ground water in areas classified under N.J.A.C. 7:9C as Class I-A and I-PL, or which discharge to ground water that contributes to surface waters classified as C1 or FW1;

vi. Discharges to FW1 waters;

vii. New or existing facilities operating under SIC 1459 (NAICS 212325) and mining bentonite and/or magnesite;

viii. New or existing facilities which propose to mine silicated marble or serpentine rock types, which have been determined to contain asbestos;

ix. Other activities not associated with the facility's industrial activities that could result in a discharge of a contaminant to ground water/surface water. These activities could include composting, and/or storage of materials not associated with the facility's industrial activity, on-site;

x. Process wastewater discharges containing surfactants, detergents, and/or other chemicals not specifically authorized under this permit; and

xi. Hot Mix Asphalt and/or Concrete operations with existing NJPDES permits that have not established drainage control.

d. Mining and quarrying facilities which have expanded beyond the areas defined by municipal boundaries may be directed to apply for an individual permit.

5. Initial Authorization

a. To obtain authorization under this permit (except for automatic renewal authorization under Part II.B.7 below), a complete Request for Authorization (RFA) shall be submitted in accordance with the requirements of this permit. Upon review of the RFA, the Department may, in accordance with N.J.A.C. 7:14A-6.13, either:

i. Issue notification of authorization under this permit, in which case, authorization is deemed effective as of the first day of the following month;

ii. Deny authorization under this permit and require submittal of an application for an individual permit; or

iii. Deny authorization under this permit and require submittal of an RFA for another general permit.

6. Notification of Authorization

a. Facilities that discharge industrial stormwater through a municipal separate storm sewer system (MS4) shall notify the owner and operator of that system of permit authorization.

7. Automatic Renewal of Authorization

a. Authorization under this permit will be automatically renewed when this general permit is reissued as provided by N.J.A.C. 7:14A-6.13(d)9 as long as the discharge authorized under this permit continues to be eligible. However, the Department reserves the right to require the permittee to submit, prior to authorization, an MQGP Supplemental Form to update any information that is no longer true, accurate and/or complete.

b. The Department shall issue notice of renewed authorization to the permittee.

c. When the permittee is aware of any information in the most recently submitted RFA and/or MQGP Supplemental Form that is no longer true, accurate, and/or complete, the permittee shall provide the correct information to the Department within 90 days of the effective date of renewal authorization notice.

d. A permittee whose authorization was renewed as provided above may request to be excluded from the reissued general permit in accordance with N.J.A.C. 7:14A-6.13(g), and may also request a stay of the application to that permittee of any new/additional conditions of the reissued permit in accordance with N.J.A.C. 7:14A-17.6.

8. Contents of the Request for Authorization (RFA)

a. An RFA shall include the following information:

i. A completed NJPDES_1 form (see http://www.nj.gov/dep/dwq/r13.htm);

ii. A completed MQGP Supplemental Form (see http://www.nj.gov/dep/dwq/r13.htm);

iii. A valid Mining Certificate issued by the Office of Public Safety Compliance under the New Jersey Department of Labor;

iv. A verification of an approved Soil Erosion and Sediment Control Plan (251 Plan); and

v. For new facilities, an SPPP Preparation, Implementation and Annual Certification Form certifying that, for the purposes of this RFA, the requirements of Part IV.B.1.a.i and Part IV.B.4.a have been met.

vi. Other information may be requested if the Department deems it reasonably necessary for the purposes of rendering a decision for authorization under this permit.

b. The completed and signed RFA, along with any additional required forms (see 8.a. above), shall be submitted to the Department at the address specified on the Department's NJPDES_1 form.

9. Requiring an Individual Permit or another General Permit

a. Pursuant to N.J.A.C. 7:14A-6.13(e), the Department may require the facility to apply for and obtain an individual permit, or seek and obtain authorization under another general permit.

b. If a facility is required by the Department to obtain another NJPDES permit that would cover the authorized stormwater and/or ground water discharge, authorization under this permit remains in effect only until the date the other permit becomes effective.

10. Other Discharges

a. If, at any time, it is discovered that the facility generates and discharges to surface or ground waters any wastewater (such as boiler or air compressor blowdown, steam or air compressor condensate, etc.) other than those discharges specifically authorized by this permit, the permittee shall discontinue such discharge and apply for the appropriate NJPDES DSW or DGW permit in accordance with N.J.A.C. 7:14A.

b. The discharge of any non-sanitary waste (including laboratory wastes) to a septic system designed and constructed under N.J.A.C. 7:9A is prohibited and shall cease immediately, and be directed to a holding tank, constructed and operated in accordance with N.J.A.C. 7:14A.

c. Specific discharges not authorized by this permit:

i. Rinsing of mobile fueling tankers, tankers, industrial equipment, piping, hoses, dump trucks, dumpsters, roll-off containers, other containers, totes, etc;

ii. Rinsing of engines, radiators and other internal areas of the vehicles; and

iii. Rinsing of vehicles used in handling and/or transporting of hazardous waste and/or hazardous materials.

11. Standard Reporting Requirements - Monitoring Report Forms (MRFs)

a. All required monitoring results reported on Monitoring Report Forms (MRFs) shall be electronically submitted to the Department via NJDEP's Electronic Monitoring Report Form (MRF) Submission Service.

b. Any electronic MRF data submission shall be in accordance with the guidelines and provisions outlined in the Department's Electronic Data Interchange (EDI) agreement with the permittee.

c. MRFs shall be submitted at the frequencies identified in Part III of this permit.

d. All MRFs shall be certified by the highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility.

c. The highest ranking official may delegate responsibility to certify the MRFs in his or her absence. Authorizations for other individuals to certify shall be made in accordance with N.J.A.C. 7:14A-4.9(b).

f. Monitoring results shall be submitted in accordance with the current NJPDES Monitoring Report Form Reference Manual and any updates thereof.

g. If monitoring for a parameter is not required in a monitoring period, the permittee must report "CODE=N" for that parameter.

h. If, for a monitored location, there are no discharge events during an entire monitoring period, the permittee must notify the Department when submitting the monitoring results by checking the "No Discharge this monitoring period" box on the monitoring report submittal form.

12. Standard Reporting Requirements - Electronic Submission of NJPDES Information

a. Effective December 21, 2020, the below identified documents and reports, if required to be submitted by this permit, shall be electronically submitted to the NJDEP via the Department's designated Electronic Submission Service.

i. General permit authorization requests (i.e. RFAs).

ii. General permit termination/revocation requests.

13. Other Permits or Regulatory Requirements

a. Compliance with the conditions of this permit does not exempt the permittee from other applicable permits or other regulatory requirements including, but not limited to, all Federal, State and local rules and regulations.

14. Other Laws

a. In accordance with N.J.A.C. 7:14A-6.2(a)7, this permit does not authorize any infringement of State or local laws or regulations, including, but not limited to the Pinelands rules (N.J.A.C. 7:50), N.J.A.C. 7:1E (Department rules entitled "Discharges of Petroleum and other Hazardous Substances"), and all other Department rules. No discharge of hazardous substances (as defined in N.J.A.C. 7:1E-1.6) resulting from an on-site spill shall be deemed to be "pursuant to and in compliance with [this] permit" within the meaning of the Spill Compensation and Control Act at N.J.S.A. 58:10-23.11c.

15. Notification of Changes

a. Prior to any physical or operational alterations or additions to the permitted facility the permittee shall give written notification to the Department within 90 days of any planned alteration or addition that is expected to result in any change in the permittee's discharge and/or residuals use or disposal practices, including the cessation of discharge in accordance with N.J.A.C. 7:14A-6.7; and

b. Prior to any change of ownership the current permittee shall comply with the requirements of N.J.A.C. 7:14A-16.2, pertaining to notification of change of ownership.

C. Operation and Maintenance

1. Operation of Facility

a. The permittee shall be responsible for the operation and maintenance of this facility and any BMPs which are installed or used by the permittee to achieve compliance with the conditions of the permit and the requirements identified in the SPPP. Proper operation and maintenance may require the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with conditions of this permit.

2. Licensed Operator Requirement for Stormwater Only

a. The operation of treatment systems (i.e. treatment works as defined by 7:14A-1.2) for stormwater only discharges, authorized under this general permit, do not require a licensed operator pursuant to N.J.A.C. 7:10A-1.1 et seq. These treatment systems include, but are not limited to, retention or detention basins, infiltration/percolation lagoons, pumping, power equipment and their appurtenances.

3. Residual Management

a. Beneficial use of residuals

i. Use of residuals on-site, where the material was excavated, generally does not require site-specific approval from the Department provided the residuals contain contaminants at levels below the most stringent soil clean-up levels established by the Department, except in the Pineland Area, where the Pinelands Commission's requirements shall also be met. All materials for on-site beneficial reuse within the State of New Jersey must be sampled and analyzed in accordance with the standard Department quality assurance standards and practices at a minimum as specified at N.J.A.C. 7:26E to fully characterize the contaminants in the latest Soil Remediation Standards (SRS) http://www.nj.gov/dep/srp/guidance/scc/ or other contaminants as specified on a case-by-case basis. The residuals must also qualify for placement on the land in view of the most recent Impact to Groundwater guidance available at http://www.state.nj.us/dep/srp/guidance/rs/, which will require additional analysis for leachate contamination.

ii. Use of residuals off-site will generally require issuance of a Certificate of Authority to Operate (CAO) for a beneficial use project determination (BUD), pursuant to N.J.A.C. 7:26-1.7(g) from the Solid and Hazardous Waste Management Program, Bureau of Landfill and Hazardous Waste Permitting. An electronic copy of the Application Form and Instructions for Completing the Certificate of Authority to Operate (CAO) a beneficial use project can be found at http://www.state.nj.us/dep/dshw/rrtp/benuseap.htm.

b. Except as otherwise provided for under Part II.C.3.a above, the permittee shall comply with land-based sludge management criteria and shall conform with the requirement for the management of residuals and grit and screenings under N.J.A.C. 7:14A-6.15(a), which includes:

i. Standards for the Use or Disposal of Residual, N.J.A.C. 7:14A-20;

ii. Section 405 of the Federal Act governing the disposal of sludge from treatment works treating domestic sewage;

iii. The Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq., and the Solid Waste Management Rules, N.J.A.C. 7:26;

iv. The Sludge Quality Assurance Regulations, N.J.A.C. 7:14C;

v. The Statewide Sludge Management Plan promulgated pursuant to the Water Quality Planning Act, N.J.S.A. 58:11A-1 et seq., and the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq.; and

vi. The provisions concerning disposal of sewage sludge and septage in sanitary landfills set forth at N.J.S.A. 13:1E-42 and the Statewide Sludge Management Plan.

c. If any applicable standard for residual use or disposal is promulgated under section 405(d) of the Federal Act and Sections 4 and 6 of the State Act and that standard is more stringent than any limitation on the pollutant or practice in the permit, the Department may modify or revoke and reissue the permit to conform to the standard for residual use or disposal.

d. The permittee shall make provisions for storage, or some other approved alternative management strategy, for anticipated downtime at a primary residual management alternative. The permittee shall not be permitted to store residual beyond the capacity of the structural treatment and storage components of the treatment works. N.J.A.C. 7:14A-20.8(a) and N.J.A.C. 7:26 provide for the temporary storage of residuals for periods not exceeding six months, provided such storage does not cause pollutants to enter surface or ground waters of the State. The storage of residual for more than six months is not authorized under this permit. However, this prohibition does not apply to residual that remains on the land for longer than six months when the person who prepares the residual demonstrates that the land on which the residual remains is not a surface disposal site or landfill. The demonstration shall explain why residual shall remain on the land for longer than six months prior to final use or disposal, discuss the approximate time period during which the residual shall be used or disposed and provide documentation of ultimate residual management arrangements. Said demonstration shall be in writing, be kept on file by the person who prepares residual, and submitted to the Department upon request.

e. The permittee shall comply with the appropriate adopted District Solid Waste or Sludge Management Plan (which by definition in N.J.A.C. 7:14A-1.2 includes Generator Sludge Management Plans), unless otherwise specifically exempted by the Department.

f. Any person who prepares bulk residual in New Jersey that is applied to land in a state other than New Jersey shall comply with the requirement at N.J.A.C. 7:14A-20.7(b)1.ix to submit to the Department written proof of compliance with or satisfaction of all applicable statutes, regulations, and guidelines of the State in which land application will occur.

4. Operation of a Waste Treatment Facility

a. The operation of a waste treatment or disposal facility shall at no time create:

i. A discharge, except as authorized by the Department in the manner and at the location(s) specified in this permit; and

ii. Any discharge to the waters of the State or any standing or ponded water or waste, except as specifically authorized by a valid NJPDES permit.

D. Closing a Facility

1. Requirements for Closing a Facility

a. The permittee shall remove all operating equipment including but not limited to trucks, earth moving equipment and pumps and miscellaneous parts.

b. The permittee shall empty the contents of all tanks and clean the tanks of all residues. The contents of the tanks shall be disposed of in accordance with applicable rules and regulations.

c. The permittee shall remove all remaining aggregate piles or the permittee shall permanently stabilize the aggregate piles in accordance with the technical standards listed in the Standards for Soil Erosion and Sediment Control in New Jersey.

d. The permittee shall restore and/or stabilize all disturbed areas of the site in accordance with the technical standards listed in the Standards for Soil Erosion and Sediment Control in New Jersey.

e. The permittee shall submit a Permit Revocation Request Form which can be found at http://www.state.nj.us/dep/dwq/pdf/storm_revoke.pdf.

f. The permittee shall continue to comply with the terms and conditions of the permit until notification of termination of the permit has been issued.

g. At closure of a quarry, due diligence must include consideration of technically enhanced naturally occurring radioactive materials (TENORM). At the time of closure, contact the Bureau of Environmental Radiation (BER) at (609) 984-5400 for a determination on whether a gamma scan is required. BER, in consultation with the Division of Water Supply and Geoscience, will make a determination based on the geologic region of the State.

E. Custom Requirement

PART III
LIMITS AND MONITORING REQUIREMENTS

MONITORED LOCATION:	RECEIVING STREAM:	STREAM CLASSIFICATION:	DISCHARGE CATEGORY(IES):
0001 Stormwater Outfall 0001	Wallkill River	FW2-NT(C2)	R13 - Mining and Quarrying Activity Stormwater General Permit

Contributing Waste Types

Process Water, Storm Water Runoff

Surface Water DMR Reporting Requirements:

Submit a Quarterly DMR: due 25 calendar days after the end of each calendar quarter. Additional monitoring is encouraged as it promotes more representative data. If the frequency of monitoring is different than the permit requirement, the permittee should report the increased/decreased monitoring frequency by an asterisk (*) next to the reported frequency of analysis.

Table III - A - 1: Surface Water DMR Limits and Monitoring Requirements

PHASE: Initial **PHASE Start Date:** **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Flow, Total	Effluent Gross Value	*****	REPORT Report Per Maximum	MGD	*****	*****	*****	*****	1/Quarter	Estimated
January thru December	QL	***	***		***	***	***			
pH	Effluent Gross Value	*****	*****	*****	REPORT Instant Minimum	*****	REPORT Instant Maximum	SU	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Solids, Total Suspended	Effluent Gross Value	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Oil and Grease	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Solids, Total Dissolved (TDS)	Effluent Gross Value	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			

Surface Water DMR Reporting Requirements:

Submit a Quarterly DMR: due 25 calendar days after the end of each calendar quarter. Additional monitoring is encouraged as it promotes more representative data. If the frequency of monitoring is different than the permit requirement, the permittee should report the increased/decreased monitoring frequency by an asterisk (*) next to the reported frequency of analysis.

Table III - A - 1: Surface Water DMR Limits and Monitoring Requirements

PHASE: I Initial PHASE Start Date: PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Temperature, oF	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Instant Maximum	DEG.F	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Oxygen, Dissolved (DO)	Effluent Gross Value	*****	*****	*****	REPORT Monthly Av Minimum	*****	*****	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Oxygen Demand,Chem. (High Level) (COD)	Effluent Gross Value	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Surfactants (mbas)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Instant Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Chromium, Total (as Cr)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Instant Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Copper, Total (as Cu)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Instant Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Lead, Total (as Pb)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Instant Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			

Surface Water DMR Reporting Requirements:

Submit a Quarterly DMR: due 25 calendar days after the end of each calendar quarter. Additional monitoring is encouraged as it promotes more representative data. If the frequency of monitoring is different than the permit requirement, the permittee should report the increased/decreased monitoring frequency by an asterisk (*) next to the reported frequency of analysis.

Table III - A - 1: Surface Water DMR Limits and Monitoring Requirements

PHASE: 1 Initial PHASE Start Date: PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Zinc, Total (as Zn)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Instant Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Benzene	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Instant Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			

Table III - A - 2: Surface Water DMR Limits and Monitoring Requirements

PHASE: 2 Final PHASE Start Date: PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Flow, Total	Effluent Gross Value	*****	REPORT Report Per Maximum	MGD	*****	*****	*****	*****	1/Quarter	Metered
January thru December	QL	***	***		***	***	***			
pH	Effluent Gross Value	*****	*****	*****	6 Instant Minimum	*****	9 Instant Maximum	SU	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Solids, Total Suspended	Effluent Gross Value	*****	*****	*****	*****	25 Monthly Average	*****	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			

Surface Water DMR Reporting Requirements:

Submit a Quarterly DMR: due 25 calendar days after the end of each calendar quarter. Additional monitoring is encouraged as it promotes more representative data. If the frequency of monitoring is different than the permit requirement, the permittee should report the increased/decreased monitoring frequency by an asterisk (*) next to the reported frequency of analysis.

Table III - A - 2: Surface Water DMR Limits and Monitoring Requirements

PHASE:2 Final PHASE Start Date: PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Oil and Grease	Effluent Gross Value	*****	*****	*****	*****	*****	15 Daily Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Solids, Total Dissolved (TDS)	Effluent Gross Value	*****	*****	*****	*****	500 Monthly Average	*****	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
NOAEC Static 48hr Acu Ceriodaphnia $500	Effluent Gross Value	*****	*****	*****	Monthly Av Minimum	*****	*****	%EFFL	2/Year	Grab
January thru December	QL	***	***		***	***	***			
Temperature, oF	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Instant Maximum	DEG.F	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Oxygen, Dissolved (DO)	Effluent Gross Value	*****	*****	*****	5 Monthly Av Minimum	*****	*****	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Oxygen Demand,Chem. (High Level) (COD)	Effluent Gross Value	*****	*****	*****	*****	100 Monthly Average	*****	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Surfactants (mbas)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Instant Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			

Surface Water DMR Reporting Requirements:

Submit a Quarterly DMR: due 25 calendar days after the end of each calendar quarter. Additional monitoring is encouraged as it promotes more representative data. If the frequency of monitoring is different than the permit requirement, the permittee should report the increased/decreased monitoring frequency by an asterisk (*) next to the reported frequency of analysis.

Table III - A - 2: Surface Water DMR Limits and Monitoring Requirements

PHASE: 2 Final PHASE Start Date: PHASE End Date:

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Chromium, Total (as Cr)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Instant Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Copper, Total (as Cu)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Instant Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Lead, Total (as Pb)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Instant Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Zinc, Total (as Zn)	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Instant Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Benzene	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Instant Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			

Surface Water WCR - Monthly Reporting Requirements:
Submit a Monthly WCR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

Table III - A - 3: Surface Water WCR - Monthly Limits and Monitoring Requirements

PHASE: Final PHASE Start Date: PHASE End Date:

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Date of Storm Event	Effluent Gross Value	REPORT	MM/DD/YY	Calculated	January thru December
Time Storm Event Begins	Effluent Gross Value	REPORT	STD TIME	Calculated	January thru December
Storm Event Duration	Effluent Gross Value	REPORT	# HOURS	Calculated	January thru December
Hours Since Last Storm Event	Effluent Gross Value	REPORT	# HOURS	Calculated	January thru December
Time of Sample Collection	Effluent Gross Value	REPORT	STD TIME	Calculated	January thru December
Rainfall Amount at Time of Sampling	Effluent Gross Value	REPORT	# INCHES	Calculated	January thru December

Attachment G

Quarterly DMR Form

MONITORED LOCATION: 01Q1 Quarry SW Discharge

RECEIVING STREAM:

STREAM CLASSIFICATION:

DISCHARGE CATEGORY(IES): R13 - Mining and Quarrying Activity Stormwater General Permit

Location Description

Sample is taken prior to discharge to surface water

Contributing Waste Types

Storm Water Runoff

Surface Water DMR Reporting Requirements:

Submit a Quarterly DMR; within thirty days after the end of each quarter.

Comments:

Stormwater Associated with Industrial Activity

Table III - B - 1: Surface Water DMR Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 09/01/2017 **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Flow, Total	Effluent Gross Value	*****	REPORT Daily Maximum	MGD	*****	*****	*****	*****	1/Quarter	Estimated
January thru December	QL	***	***		***	***	***			
pH	Effluent Gross Value	*****	*****	*****	6.5 Daily Minimum	*****	8.5 Daily Maximum	SU	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Solids, Total Suspended	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Turbidity	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	NTU	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			

Surface Water DMR Reporting Requirements:
Submit a Quarterly DMR: within thirty days after the end of each quarter.

Comments:
Stormwater Associated with Industrial Activity

Table III - B - 1: Surface Water DMR Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 09/01/2017 **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Petroleum Hydrocarbons	Effluent Gross Value	*****	*****	*****	*****	10 Monthly Average	15 Daily Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			

Attachment H

Community Right To Know Survey for 2017

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
COMMUNITY RIGHT TO KNOW SURVEY FOR 2017
For State and Federal Community Right to Know Reporting

Facility ID: 20250900005 CoMu: 1909 NAICS: 327320

EASTERN CONCRETE MATERIALS
HAMBURG QUARRY
3620 RT 23
HAMBURG, NJ 07419-

(A) Facility Location:
3620 RT 23 N
HAMBURG, NJ 07419

(B) Does this facility Produce, Store or Use NJ CRTK Environmental Hazardous Substances:
1. In any quantity? Yes (X) No ( )
2. Above thresholds? Yes (X) No ( )
Note: This Section will be populated only if the facility is covered under the New Jersey Worker and Community Right to Know Act, N.J.S.A. 34:5A

(C) Facility Status: Active
Business Activity: GRANITE STONE QUARRY

(D) Number of employees at facility: 37

(E) Number of facilities in New Jersey: 12

(F) Federal EIN: 221521165

(G) R&D exemption approval number for this facility:
No R&D Exemption

(I) FACILITY EMERGENCY CONTACT:
Name: DAVE BESAW
Title: V.P. AGGREGATES
Facility Phone Number: (973) 827-7625
Emergency Contact Phone: (914) 420-8657

(J) CERTIFICATION OF OWNER/OPERATOR OR AUTHORIZED REPRESENTATIVE -- I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Signature: K. Shah Date: 2/1/18
Name: KUSHAL SHAH
Title: ENV COMPL MANAGER
Email Address: kshah@us-concrete.com
Phone Number: (201) 249-1455
(Please sign and date. Mail copies to your local Police, Fire departments, county lead agency and local emergency planning committee.)

(K) UNION REPRESENTATIVE
Union Name/Local Number: HEAVY CONSTRUCTION LABORERS / LOCAL 472
Email Address:
Representative Name:
Phone #:

EPCRA SECTION INFORMATION
TRI Facility ID:
RMP Facility ID:
Location is: Manned ( ) Unmanned (X)
Latitude:
Longitude
Maximum Number of Occupants:

Is this facility subject to Chemical Accident Prevention under Section 112R of CAA (40 CFR, Part 68, Risk Management Program)? No

Is this facility subject to Emergency Planning under Section 302 of EPCRA (40 CFR Part 355)? No

Facility EPCRA Section 302 Emergency Coordinator (if applicable)
Name:
Title:
Email Address:
24-Hour Phone:

Parent Company Information (Optional)
Company Name:
Dun & Bradstreet No.:
Company Address:
Phone Number:
Email Address:

Facility ID: 2025090005

EASTERN CONCRETE MATERIALS
3620 RT 23 N
HAMBURG, NJ 07419

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PART 2
2017 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 2017

Substance Name: DIESEL FUEL OR #2 HEATING OIL
Location(s): QUARRY AREA
CAS #: 68476-34-6
Sub #: 2444 DOT #: 1993

Purity	(X) Pure ( ) Mixture
Physical state	( ) Solid (X) Liquid ( ) Gas
Container type	Above ground tank
Max. daily inventory	50,000 to 99,999 pounds
Avg. daily inventory	25,000 to 49,999 pounds
Days on site	365
Storage pressure	Ambient pressure
Storage temperature	Ambient temperature
Trade Secret	No
EPCRA-Only	No

Physical Hazards

( ) Explosive
(X) Flammable (gases, aerosols, liquids, or solids)
( ) Oxidizer (liquid, solid or gas)
( ) Self-reactive
( ) Pyrophoric (liquid or solid)
( ) Pyrophoric gas
( ) Self-heating
( ) Organic peroxide
( ) Corrosive to metal
( ) Gas under pressure (compressed gas)
( ) In contact with water emits flammable gas
( ) Combustible dust
( ) Physical hazard not otherwise classified
( ) No physical hazards per SDS

Health Hazards

(X) Acute toxicity (any route of exposure)
( ) Skin corrosion or irritation
( ) Serious eye damage or eye irritation
( ) Respiratory or skin sensitization
( ) Germ cell mutagenicity
( ) Carcinogenicity
( ) Reproductive toxicity
( ) Specific target organ toxicity (single or repeated exposure)
( ) Aspiration hazard
( ) Simple asphyxiant
( ) Health hazard not otherwise classified
( ) No health hazards per SDS

Substance Name: ETHYLENE GLYCOL
Location(s): GARAGE AREA
CAS #: 107-21-1
Sub #: 0878 DOT #:

Purity	(X) Pure ( ) Mixture
Physical state	( ) Solid (X) Liquid ( ) Gas
Container type	Plastic drum
Max. daily inventory	1,000 to 2,499 pounds
Avg. daily inventory	1,000 to 2,499 pounds
Days on site	365
Storage pressure	Ambient pressure
Storage temperature	Ambient temperature
Trade Secret	No
EPCRA-Only	No

Physical Hazards

( ) Explosive
( ) Flammable (gases, aerosols, liquids, or solids)
( ) Oxidizer (liquid, solid or gas)
( ) Self-reactive
( ) Pyrophoric (liquid or solid)
( ) Pyrophoric gas
( ) Self-heating
( ) Organic peroxide
( ) Corrosive to metal
( ) Gas under pressure (compressed gas)
( ) In contact with water emits flammable gas
( ) Combustible dust
( ) Physical hazard not otherwise classified
( ) No physical hazards per SDS

Health Hazards

(X) Acute toxicity (any route of exposure)
( ) Skin corrosion or irritation
( ) Serious eye damage or eye irritation
( ) Respiratory or skin sensitization
( ) Germ cell mutagenicity
( ) Carcinogenicity
( ) Reproductive toxicity
( ) Specific target organ toxicity (single or repeated exposure)
( ) Aspiration hazard
( ) Simple asphyxiant
( ) Health hazard not otherwise classified
( ) No health hazards per SDS

Facility ID: 20250900005

EASTERN CONCRETE MATERIALS
3620 RT 23 N
HAMBURG, NJ 07419

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PART 2
2017 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 2017

Substance Name: PETROLEUM OIL
Location(s): GARAGE

CAS #:
Sub #: 2651 DOT #: 1270

Purity	(X) Pure ( ) Mixture
Physical state	( ) Solid (X) Liquid ( ) Gas
Container type	Above ground tank
Max. daily inventory	5,000 to 9,999 pounds
Avg. daily inventory	5,000 to 9,999 pounds
Days on site	365
Storage pressure	Ambient pressure
Storage temperature	Ambient temperature
Trade Secret	No
EPCRA-Only	No

Physical Hazards

( ) Explosive
(X) Flammable (gases, aerosols, liquids, or solids)
( ) Oxidizer (liquid, solid or gas)
( ) Self-reactive
( ) Pyrophoric (liquid or solid)
( ) Pyrophoric gas
( ) Self-heating
( ) Organic peroxide
( ) Corrosive to metal
( ) Gas under pressure (compressed gas)
( ) In contact with water emits flammable gas
( ) Combustible dust
( ) Physical hazard not otherwise classified
( ) No physical hazards per SDS

Health Hazards

(X) Acute toxicity (any route of exposure)
( ) Skin corrosion or irritation
( ) Serious eye damage or eye irritation
( ) Respiratory or skin sensitization
( ) Germ cell mutagenicity
( ) Carcinogenicity
( ) Reproductive toxicity
( ) Specific target organ toxicity (single or repeated exposure)
( ) Aspiration hazard
( ) Simple asphyxiant
( ) Health hazard not otherwise classified
( ) No health hazards per SDS