APPENDIX D Waste Disposal Facility Permits and Approval Documents



Customer: ENVIRONMENTAL WASTE MINIMIZATION

February 11, 2020

Matthew Cordivari 539 VANDERBILT PARTNERS, LLC 475 PARK AVENUE SOUTH SUITE 1206 NEW YORK, NY 11016

This Generator Approval Notification acknowledges the acceptability of waste material(s) into the noted US Ecology ("USE") facility(s) identified below and ensures that each facility has the appropriate permit(s) issued by federal and state regulatory agencies to properly transport, treat, and/or dispose of the waste material(s).

The Approval(s) listed below are based upon characterization information supplied to USE by the Customer and the Generator (if other than the Customer). The Customer is ultimately responsible for the accuracy and completeness of all such information, whether provided by the Customer or the Generator. The Customer must notify USE immediately upon knowledge of any changes to this information. The Approval and all wastes which are transported, delivered, or tendered to USE under this Approval shall be subject to the Standard Terms and Conditions associated with the original Waste Profile Form. (The Standard Terms and Conditions are incorporated into the Waste Profile Form as Page 4.)

The Approval(s) will expire on the date(s) noted. Any new Approvals obtained from USE on future business will be valid for a period of one (1) year from the date of issuance. Within 60 days of the Approval Expiration Date, you will be notified of the requirements for recertification.

Generator: 539 VANDERBILT PARTNERS, LLC EPA ID No.: NYR000243675

Waste Common Name: Lead Contaminated Soil

Waste Code(s): D008

Comments: No listed codes and all constituents other than lead must meet 10x alternative treatment standards. Add UHCs, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(g,h,i)perylene, Chrysene, Fluoranthene, Phenanthrene, Pyrene, Barium, Chromium, Mercury, Nickel Approved for sample IDs WC02, WC03, SB107, SB107A, WP SB01; WP SB-01 (SWW, SWN, SWE, SWS, Floor); SB107 (endpoints); SB107A (endpoints)

Material acceptance confirmation letter from Langan is on file and associated documents have been reviewed.

NYSDEC Brownfield Cleanup participant - BCP Number (No. C224228)

Approval No.: A203565EPA

Expiration Date: 01/27/2021

USE Facility Name & ID Number: EQ Pennsylvania (PAD010154045)

Customer Audit Manual





US Ecology York 730 Vogelsong Road York, PA 17404 (717) 846-1900

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<u>Facility Location</u> 730 Vogelsong Road York, PA 17404 (717) 846-1900 <u>Regional Office</u> 17440 College Pkwy Suite 300 Livonia, MI 48152 (734) 521-8000

Corporate Office 251 E Front Street Suite 400 Boise, ID 83702 (800) 590-5220

Office Hours 8:00 a.m. to 5:00 p.m. Monday - Friday

Facility TypeStorage, stabilization and waster water treatment
of hazardous and nonhazardous wastesEPA ID #PAD 010 154 045NAICS Code562211SIC Code4953Corporate Federal Tax ID#20-5676570Dun & Bradstreet80-283-9220

Relationship to Other US Ecology Companies

US Ecology York is an independent company represented in the marketplace by the US Ecology name. The following information is an overview of the US Ecology York facility. The facility handles a multitude of hazardous and non-hazardous liquids, solids, and debris and provides safe and effective hazardous waste management solutions. If the answers to your questions about the facility do not appear in the following pages, all you need to do is ask and an associate will be pleased to assist you.

The facility was acquired by EQ – The Environmental Quality Company in May 2010. In June, 2014, EQ was acquired by US Ecology, Inc., which is headquartered in Boise, Idaho. US Ecology is a leading North American provider of environmental services to commercial and government entities. The Company addresses the complex waste management needs of its customers, offering treatment, disposal and recycling of hazardous and radioactive waste, as well as a wide range of complementary field and industrial services and has been protecting the environment since 1952. For more information visit www.usecology.com.

Scope of Business

In accordance with our permits, licenses and legally binding agreements, US Ecology York treats hazardous and nonhazardous waste generated by commercial, industrial, residential, and governmental generators. The facility is accessible by truck.

The customers utilizing the facility include variety of small, medium and large Fortune 500 companies. The facility provides services for Steel, Utility, Chemical, Government, and manufacturing companies.

II. Treatment Capabilities

US Ecology York is an environmental service firm engaged in the business of applying the best available treatment and recovery technologies to the management of industrial wastes. The facility accepts liquid, semi-solid and solid industrial wastes, transported in bulk liquid tank trucks, or in various types of containers for solid and semi-solid waste. Hazardous waste operations began at this site in 1980 and acquired to the EQ family of companies in 2010, then US Ecology in 2014. The site is operating as dba US Ecology York, although the facility permits and licenses are listed as Envirite of Pennsylvania, Inc.

The Liquids Processing Unit (LPU) produces two (2) end-products. The first, a water discharge or "effluent," is carefully monitored for compliance with regulations of the City of York POTW prior to discharge into the sanitary sewer system. The second end-product is a semi-solid residue resembling moist clay. The Solids Processing Unit (SPU) yields only one end-product, that being the semi-solid filtercake. There is no resultant discharge to the sewer system. Copies of the permit and license may be found in Appendices 5 and 6.

There is no waste disposal on the site. The semi-solid process residue in both cases is retained on-site pending analytical verification. Once confirmed, all residues are transported off-site to agency approved land disposal facilities.

The processing areas of the facility are totally enclosed. The facility accepts both solids and liquids of bulk and containerized waste. Storage and treatment tanks are fully enclosed and connected to fume scrubber systems. Incompatible wastes are segregated in different areas of the plant, with separate sump areas for spill containment.

No waste is accepted into the facility until a sample has been fully evaluated by the laboratory. Most importantly, a sample of every waste is processed in the laboratory using treatment methods identical to those employed in the plant. The quality of the resulting liquid and solid products of the treatment simulation must meet rigorous quality standards before a treatment proposal is made to the waste generator.

Upon arrival, every shipment is screened to assure that the material can be safely and properly treated.

Delisting – Background, History, and Capabilities

The Liquid Processing Unit (LPU) and Solids Processing Unit (SPU) are operated under federal and state granted "delistings." That is, the residues remaining after these treatment processes are determined to have been rendered non-hazardous and are, therefore, removed from the list of hazardous wastes, or "delisted." Of all treatment facilities nationally, Envirite is one of only two (2) commercial facilities which possess this ability.

On June 18, 1981, Envirite Corporation submitted a petition to EPA pursuant to 40 CFR 260.22 to delist the treatment residues generated by three (3) of its four (4) waste management facilities. A separate delisting petition was filed with the Pennsylvania Department of Environmental Resources for Envirite's York facility because that state had authorization to conduct its own RCRA program at that time. On December 16, 1981, the EPA published in the Federal Register its approval of the petition (Vol. 46, page 61281), thereby granting a temporary exclusion of the treatment residues from regulation under the Resource Conservation and Recovery Act. On November 5, 1981, the Pennsylvania DER issued a Determination of Non-Applicability under the provisions of the Pennsylvania Solid Waste Management Act, and Chapter 75, Subpart 260 of Act 97.

Subsequently, EPA requested additional information required under the HWSA amendments of 1984 to determine whether any hazardous constituents or characteristics, other than those for which the wastes were originally listed, were present in Envirite's treatment residues. On November 14, 1985, Envirite filed a second delisting petition which included this additional information. On November 7, 1986, EPA granted a final delisting to Envirite Corporation for residues produced from the treatment of fifteen (15) categories of waste (Federal Register, Volume 51, page 41323). The Ohio Environmental Protection Agency also has recognized this delisting in OAC 3745-51-30(E)(3).

The facility can operate either or both the LPU and the SPU under the requirements of final federal and state exclusions or "delistings."

CFR Title 40: Protection of Environment

PART 261—IDENTIFICATION AND LISTING OF HAZARDOUS WASTE
Subpart D—Lists of Hazardous Wastes
§ 261.30 General.
(a) A solid waste is a hazardous waste if it is listed in this subpart, unless it has been excluded from this list under §§260.20 and 260.22.

Appendix IX to Part 261-Wastes Excluded Under §§260.20 and 260.22

Table 1_Wastes Excluded From Non-Specific Sources

Envirite of Illinois (formerly Envirite Corporation). Harvey, Illinois. Envirite of Ohio (formerly Envirite Corporation). Canton, Ohio. Envirite of Pennsylvania (formerly Envirite Corporation). York, Pennsylvania. Dewatered wastewater sludges (EPA Hazardous Waste No. F006) generated from electroplating operations; spent cyanide plating solutions (EPA Hazardous Waste No. F007) generated from electroplating operations; plating bath residues from the bottom of plating baths (EPA Hazardous Waste No. F008) generated from electroplating operations where cyanides are used in the process; spent stripping and cleaning bath solutions (EPA Hazardous Waste No. F009) generated from electroplating operations where cyanides are used in the process; spent cyanide solutions from salt bath pot cleaning (EPA Hazardous Waste No. F011) generated from metal heat treating operations; quenching wastewater treatment sludges (EPA Hazardous Waste No. F012) generated from metal heat treating where cyanides are used in the process; wastewater treatment sludges (EPA Hazardous Waste No. F019) generated from the chemical conversion coating of aluminum after November 14, 1986. To ensure that hazardous constituents are not present in the waste at levels of regulatory concern, the facility must implement a contingency testing program for the petitioned waste. This testing program must meet the following conditions for the exclusions to be valid:

 (1) Each batch of treatment residue must be representatively sampled and tested using the EP Toxicity test for arsenic, barium, cadmium, chromium, lead, selenium, silver, mercury, and nickel. If the extract concentrations for chromium, lead, arsenic, and silver exceed 0.315 ppm; barium levels exceed 6.3 ppm; cadmium and selenium exceed 0.063 ppm; mercury exceeds 0.0126 ppm; or nickel levels exceed 2.205 ppm; the waste must be re-treated or managed and disposed as a hazardous waste under 40 CFR Parts 262 to 265 and the permitting standards of 40 CFR Part 270.
 (2) Each batch of treatment residue must be tested for leachable cyanide. If the leachable cyanide levels (using the EP Toxicity test without acetic acid adjustment) exceed 1.26 ppm, the waste must be re-treated or managed and disposed as a hazardous waste under 40 CFR Parts 262 to 265 and the permitting standards of 40 CFR Part 270.

(3) Each batch of waste must be tested for the total content of specific organic toxicants. If the total content of anthracene exceeds 76.8 ppm, 1,2-diphenyl hydrazine exceeds 0.001 ppm, methylene chloride exceeds 8.18 ppm, methyl ethyl ketone exceeds 326 ppm, nnitrosodiphenylamine exceeds 11.9 ppm, phenol exceeds 1,566 ppm, tetrachloroethylene exceeds 0.188 ppm, or trichloroethylene exceeds 0.592 ppm, the waste must be managed and disposed as a hazardous waste under 40 CFR Parts 262 to 265 and the permitting standards of 40 CFR Part 270. (4) A grab sample must be collected from each batch to form one monthly composite sample which must be tested using GC/MS analysis for the compounds listed in #3, above, as well as the remaining organics on the priority pollutant list. (See 47 FR 52309, November 19, 1982, for a list of the priority pollutants.) (5) The data from conditions 1-4 must be kept on file at the facility for inspection purposes and must be compiled, summarized, and submitted to the Administrator by certified mail semi-annually. The Agency will review this information and if needed will propose to modify or withdraw the exclusion. The organics testing described in conditions 3 and 4, above, are not required until six months from the date of promulgation. The Agency's decision to conditionally exclude the treatment residue generated from the wastewater treatment systems at these facilities applies only to the wastewater and solids treatment systems as they presently exist as

described in the delisting petition. The exclusion does not apply to the proposed process additions described in the petition as recovery including crystallization, electrolytic metals recovery, evaporative recovery, and ion exchange.

Table 2_Wastes Excluded From Specific Sources

Envirite of Illinois (formerly Envirite Corporation). Harvey, Illinois. Envirite of Ohio (formerly Envirite Corporation). Canton, Ohio. Envirite of Pennsylvania (formerly Envirite Corporation). York, Pennsylvania.

Spent pickle liquor (K062) generated from steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332); wastewater treatment sludge (K002) generated from the production of chrome yellow and orange pigments; wastewater treatment sludge (K003) generated from the production of molybdate orange pigments; wastewater treatment sludge (K004) generated from the production of zinc yellow pigments; wastewater treatment sludge (K005) generated from the production of chrome green pigments; wastewater treatment sludge (K005) generated from the production of chrome green pigments; wastewater treatment sludge (K006) generated from the production of chrome oxide green pigments (anhydrous and hydrated); wastewater treatment sludge (K007) generated from the production of chrome oxide green pigments; oven residues (K008) generated from the production of chrome oxide green pigments; one residues (K008) generated from the production of chrome oxide green pigments after November 14, 1986. To ensure that hazardous constituents are not present in the waste at levels of regulatory concern, the facility must implement a contingency testing program for the petitioned wastes. This testing program must meet the following conditions for the exclusions to be valid: [same conditions as listed in Table 1 for non-specific sources above]

III. Site Description

Directions and Zoning

US Ecology York is located in close proximity to major state and interstate highways. The facility is located on Vogelsong Road, north of the intersection of Pennsylvania Avenue and U.S. Route 30, with easy access from Interstate Route 83 and U.S. Route 30. The area immediately adjacent to the facility is industrial and also includes a community college. The nearest resident is located within one mile of the facility.

Surface Water

The facility not located in the 100-year floodplain.

Run-On / Run-Off Controls

Liquids Processing Unit (LPU)

The LPU is comprised of an unloading area, which is located outdoors, and a fully enclosed building housing a series of storage tanks, reactor vessels, filtering devices and a loading area. The unloading area's leading edge is at grade. It is sloped below grade toward the fully enclosed treatment building, and it has a sump that drains to the building's interior. Any drainage that contacts this area is treated in identical fashion as all trucked-in wastes. All tankage, reactors, and pipes which are used in the conveyance, storage, and treatment of wastes are inside a fully enclosed treatment building, which is designed with secondary containment to prevent the migration of stored or in-process materials in the event of a leak or spill. Naturally, the building itself is the primary run-on control. Wastes and treatment reagents are pumped to one of four reactor vessels in which they are subjected to various chemical processes. At the completion of chemical treatment, the waste is pumped to a filtering device to remove all filterable solids, and the effluent is discharged to the local municipal sewer. A dump trailer (or roll-off box) — which is fully lined with a virgin, continuous plastic membrane — is placed under the filtering device, and it collects the solids adhering to the filter. The trailer is then tarped and pulled out of the building onto a paved parking area. Ultimately, the trailer is hauled off-site to an appropriate land disposal facility. Its plastic liner is disposed with the waste.

Solids Processing Unit (SPU)

The SPU consists of below-grade steel-lined, concrete tanks used to-collect and store incoming wastes. It also has blender apparatuses and a loading area, all of which are located in a fully enclosed building. The SPU's unloading area is divided between the building's interior and exterior.

The facility can accept both bulk and containerized waste. A waste destined for treatment in the SPU arrives in a fully tarped dump trailer (or roll-off box), which is lined completely with a seamless plastic membrane. If analysis indicates that the shipment is acceptable, then the truck backs into a large door opening, and it positions its discharge port directly over one of the concrete storage bins located inside the building. The cargo portion of the vehicle is canted to enable its contents to empty into the below-grade bin. The seamless plastic liner, which prevents contact between the waste and the truck's cargo body, is deposited into the pit with the waste.

Although the SPU accepts primarily semi-solid and solid waste, spill containment is provided in three areas of this operating unit: waste receipt, processing area and loading area. In the processing area, a grated trench spans the two longest sides of the concrete bins, which are approximately six feet inside the building.

The processing area is located adjacent to the concrete bins on a mezzanine, and it is positioned directly above the trailer loading area. The trailer loading area has a sloped floor which drains to a collection sump. Any residue captured by the secondary containment system is treated on-site.

Wastes are transferred from the concrete storage bins to the blender apparatus via overhead crane, and they are mixed with other raw wastes and/or proprietary blend of inorganic treatment agents. When the treatment process is complete, a dump trailer (or roll-off box) — which, is fully lined with a virgin, continuous plastic membrane — is placed under the blender. The treated waste is deposited into the trailer, and the trailer is then tarped. It is pulled out of the building onto a paved parking area pending its carriage to appropriate land disposal facility.

IV. Waste Evaluation, Pre-Approval and Receipt

In order to utilize this facility, a generator must send the completed Waste Profile Form (See Appendix 11) along with supporting analytical laboratory reports or Material Safety Data Sheets to your customer service representative. A one-quart sample may be requested. Simultaneously, a completed New Account Application form should be submitted to the corporate office to establish an account. If the waste can be treated, the customer will be provided with a Letter of Approval and the appropriate Land Disposal forms to accompany each new Waste Profile Form at the initial shipment. An annual Generator Waste Recertification letter must be completed and returned in order to continue further shipments of each wastestream (See Appendix 11).

The price quote is signed by the customer and returned to US Ecology, indicating acceptance of the terms. A manifest or another other applicable shipping document must accompany each load to the facility.

Upon arrival at the facility, the transporter is directed by to the waste receipt area where a sample of the waste and the shipping documents are reviewed for consistency with the WPIF for the wastestream.

If the waste does not match the profile or other inconsistencies appear on the manifest or Land Disposal Restriction form, the discrepancy is resolved through discussions, as appropriate, with the transporter, broker or generator. If significant discrepancies in type or quantity of waste cannot be resolved, even after discussions, the load is rejected. US Ecology personnel will assist the transporter in making arrangements and procuring shipping documents needed to move the waste to the appropriate destination.

As waste is processed through the plant, every step is carried out exclusively under written instructions from the laboratory. The laboratory staff refers to the information obtained during analysis of both the prescreening sample and the sample which was taken from the incoming waste shipment as they follow the progress of each batch of waste. Each batch is sampled and analyzed several times during the treatment process. Perhaps the most important phase of **US Ecology York's** Waste Analysis Plan is the contingency testing program which verifies that all treatment residues meet the regulatory standards before they are taken offsite for disposal.

Ancillary Support Systems

A work-force of over 1400 US Ecology associates provide manpower and support to each of the facilities through specialized skills and knowledge in the following service areas:

Analytical Laboratories Customer Resource Team Environmental, Health and Safety Services Finance and Accounting Human Resources Operations Regulatory Affairs Industrial Services

Through the efforts of US Ecology's team of highly qualified specialists, US Ecology has become a recognized leader in development and implementation of innovative technologies and systems to protect the environment.

An in-process laboratory is located on-site.

V. Insurance & Financial Information

Insurance

. Insurance certificates are included in Appendix 13.

Financial Information

Customer audits vary greatly in the nature and form of financial information required to demonstrate financial stability. Financial information may be found by visiting www.usecology.com. For your convenience, a copy of the closure financial assurance is provided Appendix 10.

Closure

The facility closure plan details the procedures, standards, and costs involved in closing the facility at the end of its operating life. It also identifies the steps and reasons necessary for a partial closure of any individual operating unit or piece of equipment. The closure plan deals only with closure of the processing plant and a post-closure plan is not required. For your convenience, a copy of the closure financial assurance is provided Appendix 12.

VI. Training, Safety, Security & Contingency Planning

Facility personnel are required to successfully complete a program of both classroom and instruction on-the-job training within six month of training that teaches performance of duties that ensures the facility's compliance with applicable government requirements relating to all waste management activities at the facility. The training program is designed to focus on those topics which are relevant to an employee's role in the facility's operation.

The required training of personnel is divided into the following broad categories:

HAZWOPER Training (OSHA/MIOSHA)

HAZWOPER Training consists of the required 24 hour training per the Hazardous Waste Operations standard established by MIOSHA for TSDF's. Each employee receives an annual 8 hour HAZWOPER training refresher. US Ecology associates who work at cleanup sites are required to go through 16 additional hours of HAZWOPER training that is focused on cleanup site work practices.

RCRA Refresher Training

RCRA Refresher Training is conducted annually for all site employees and instructs employees on what to do in the event of an emergency and identifies who the emergency coordinators are on site. The remaining refresher training is used to introduce any relevant changes to work practices at the facility.

- Additional Environmental, Health and Safety Training includes: DOT Hazardous Materials Training Asbestos Handling First Aid Training and CPR Certification Fire Extinguisher Personal Protection from Chemical Hazards New Hire Orientation Respiratory Protection Program and Fit Testing Aerial Platform Confined Space Entry Powered Industrial Truck
 - Hazard Communication
- Other job-related training classes are held as required.

Medical Surveillance Program

US Ecology York has a written medical surveillance program per the requirements of 29 CFR 1910.120. The program covers all employees who are or may be exposed to hazardous substances or health hazards for 30 days or more each year, any employees who display symptoms and all employees who wear a respirator. US Ecology utilizes a local health care network to conduct medical surveillance.

Worker's Compensation

A copy of the insurance certificate can be found in Appendix 13.

Contingency Planning and Emergency Response Preparedness

A contingency plan is part of the facility operating license. It is reviewed and updated as needed. Written notifications to and responses from local emergency response authorities are part of the update process. Each such authority is encouraged to visit the facility for regular tours and discussions regarding emergency response preparedness.

Behavior Based Safety Program

The facility practices behavior-based safety (BBS). BBS refers to the use of behavioral psychology to promote safety. In a typical behavioral process, employees conduct observations and provide feedback to associates at their jobsites. These observations provide data that is used for problem recognition, problem-solving, and continuous improvement.

Security

US Ecology York is committed to providing a safe and secure work environment. The active site is secured by a six foot high galvanized steel fence with two (2) manually controlled gates. There is a designated parking area for visitors and a visitor entrance into the administration building. All visitors must sign in upon arrival.

US Ecology employees are instructed to be vigilant in the course of their work to ensure that the site security is maintained. Internal communications are maintained through telephones, mobile radios, cellular phones, external siren and paging systems. For external communications with ambulance services, site personnel rely upon telephone communication.

All access doors leading into the treatment areas are clearly posted with appropriate danger/warning signs. Warning signs are also posted and the lettering on the signs is large enough to read from a distance of 25 feet.

VII. Regulation by Government Agencies

Full Compliance Mandate

US Ecology York personnel are instructed to operate in full compliance with all required licenses and permits. Each employee's work is conducted in full compliance with the applicable federal, state and local regulations ensuring environmental protection, human health and safety.

Agency Inspections

The Pennsylvania Department of Environmental Protection (PA DEP) regulates hazardous waste management activities in Pennsylvania through inspection, reporting and enforcement actions. Quarterly inspections are conducted by a PA DEP inspector. The City of York inspects the facility annually for compliance with wastewater treatment discharge standards.

Air Permits

US Ecology York holds a State Operating Permit only with the Pennsylvania DEP. See Appendix 9 to review the air permit.

Biennial Reporting

US Ecology York is required to submit a RCRA Biennial Report summarizing hazardous waste management activities during the odd numbered years and a Residual Waste Report on even numbered years.

SARA Reporting

US Ecology York files the Tier II and TRI (Form R) reports as required by the SARA regulation.

VIII. Management System and ISO Certification

The Management System framework takes into account that people, equipment, resources, and culture are all part of the overall system, as well as the documented policies and practices. These programs have helped develop operational excellence. It is the combination of management standards and business excellence that provides the perfect foundation for integrating all currently formalized systems focusing on quality, environment, and occupational health and safety.

The Integrated Management System Framework links ISO 9001, ISO 14001, and OHSAS 18001 into one program. The Management System framework makes it possible for employees to make quality, environment, and occupational health and safety an integral part of their work rather than viewing them as separate add-on programs. The business is integrated through the employee's perspective. Now standards, compliance, and process improvement support the work of these employees. Sustainable business performance is delivered by employees, working as a team in the interests of our customers and the community.

The facility received ISO 14001:2004 and ISO 9001:2000 and OHSAS 18000 certifications in 2011 (Appendix 15). All of the procedures at US Ecology York have standard operating procedures and meet rigid customer specifications. The certification process involves accredited, independent registrars who supervise the ISO certification process and review the quality manual to ensure it meet ISO standards. These registrars also audit each process to ensure that they are documented in the quality manual and will be effectively implemented on a continuous basis.

Every employee must play a role in the implementation and maintenance of a quality management system. It is the shared responsibility of US Ecology associates to maintain the policies of the quality management system.

Appendix 1.

Organization



We address the complex waste management needs of our customers, offering treatment, disposal and recycling of hazardous and radioactive waste, as well as a wide range of complementary field and industrial services across North America. Corporate Office Boise, ID (800) 590-5220

Regional Office Livonia, MI (800) 592-5489

National Emergency Response (800) 839-3975



US Ecology Locations

Alabama	
Sulligent, AL (205) 698-8915	TSDF
Sulligent, AL (404) 346-6860	Service Hub
Arizona	
Phoenix, AZ (734) 578-7957	Service Center
California	
Los Angeles, CA (734) 578-7957	Service Hub
San Francisco, CA (734) 578-7957	Service Hub
Florida	
Tampa, FL (800) 624-5302	TSDF
Georgia	
Atlanta, GA (404) 346-6860	Service Center
Augusta, GA (706) 771-9100	Non-Haz TSDF
Idaho	
Boise, ID (800) 590-5220	Corporate Office
Grand View, ID (800) 274-1516	TSDF
Illinois	
Chicago, IL (708) 596-7040	TSDF
Chicago, IL (317) 247-7100	Service Hub
Indiana	
Indianapolis, IN (317) 247-7100	Service Center
Kentucky	
Lexington, KY (317) 247-7100	Service Hub
Louisiana	
Baton Rouge, LA (404) 346-6860	Service Hub
Maryland	

Massachusetts	
Boston, MA (800) 426-9878	Service Center
Michigan	
Belleville, MI (800) 592-5489	TSDF
Detroit, MI (North) (800) 396-3265	TSDF
Detroit, MI (South) (313) 923-0080	TSDF
Detroit Service Center (800) 592-5489	Service Center
Livonia, MI (800) 592-5489	Admin Office
Romulus, MI (734) 727-5500	Recycling
Taylor, MI (734) 941-4357	Service Center
Minnesota	
Minneapolis, MN (612) 727-1582	Recycling

Nevada

Beatty, NV
(800) 239-3943

New Jersey

Bayonne, NJ	
(201) 436-3500	

North Carolina

Mt. Airy, NC (336) 719-0058	
Mt. Airy, NC (404) 346-6860	

Ohio

Canton, OH	TSDF
(330) 456-6238	

Canton Service Center	Service Center
(330) 617-4318	

Rudolph, OH Emergency Response (800) 839-3975

Oklahoma

Tulsa, OK (918) 582-9595	TSDF
Tulsa, OK (404) 346-6860	Service Hub

Pennsylvania

L CI	insylvania		
Pitts (41:	sburgh, PA 2) 472-1007	Recycling	
Yorl (71)	<, PA 7) 846-1900	TSDF	
Yorl (44	<, PA 3) 304-3050	Service Hub	
Rho	ode Island		
Prov (50	vidence, RI 8) 803-1250	Service Center	
Prov (80	vidence, RI 0) 426-9878	Service Hub	
Tex	as		
Dal (40	las,TX 4) 346-6860	Service Hub	
Rok (80	ostown,TX 0) 242-3209	TSDF	
Wa	shington		
Ricł (50	nland, WA 9) 377-2411	TSDF	
Tac (73	oma, WA 4) 578-7957	Service Hub	
Ca	nada		
Blai (45	nville, QC 0) 430-9230	TSDF	
Me	xico		
Mo 81 8	nterrey, Nuevo Leon 3335 2446	Service Center	
Sei	rvices		
	Environmental Waste Recycling or Disposal	Treatment,	
	Industrial Industrial Cleaning & Maintenance, Sewer Services, Tank & Oil Processing, Marine & Terminal Processing, Vacuum Excavation and Other Services		
	Field Total Waste Management, Retail, Household Hazardous Waste, Lab Pack, Less-Than-Truckload, Remediation		
	Emergency Respons	e	

TSDF

Service Center

Recycling

Service Hub



(443) 304-3050

Appendix 2.

Driving Directions & Facility Location Map

FIGURE 1-1

ENVIRITE OF PENNSYLVANIA, INC. YORK, PENNSYLVANIA PLANT

GENERAL LOCATION MAP



October 1998



Unequaled service. Solutions you can trust. USecology.com

Appendix 3.

Facility Diagram



Appendix 4.

PA DEP Hazardous Waste Operating License



October 5, 2015

CERTIFIED MAIL NO. 9171 9690 0935 0047 1007 60

Karla Mercer, Quality, Environmental, Health and Safety Manager Envirite of Pennsylvania, Incorporated 730 Vogelsong Road York, PA 17404-6707

Re: RCRA Part B Hazardous Waste Permit Renewal Envirite of Pennsylvania, Inc. Permit No. PAD 010154045 APS ID No. 878944 York City, York County

Dear Mrs. Mercer:

On August 20, 2015 you submitted an application for the renewal of your RCRA Part B Permit Number PAD 010154045. Please be advised that your application has been determined to be administratively complete on September 8, 2015.

We will commence the Technical Review of your application. If we have any comments or questions, we will forward those to you in writing.

If you have any questions, please contact me at 717.705.4910.

Sincerely,

tion R. W. Ot

Lisa Wilt Residual and Hazardous Waste Coordinator Waste Management Program

cc: York City Supervisors York County Planning Commission

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

PERMIT AND PERMIT RENEWAL

FOR HAZARDOUS WASTE STORAGE, TREATMENT

Permittee: Envirite of Pennsylvania, Inc. Permit Number: PAD010154045 Facility: 730 Vogelsong Road, York, PA 17404

This permit is issued by the Commonwealth of Pennsylvania Department of Environmental Protection (DEP) under authority of the Pennsylvania Solid Waste Management Act, the Act of July 7, 1980, Act 97, 35 P.S. Section 6018.101 <u>et seq</u>. (the Act), DEP hazardous waste regulations and Federal hazardous waste regulations to Envirite of Pennsylvania, Inc. (hereafter called the Permittee), to operate a hazardous waste management facility located in the City of York, York County, at latitude 39°59'14" North and longitude 76°44'48" West.

The Permittee must comply with all terms and conditions of this permit. This permit consists of the conditions contained herein (Parts I - IV, consisting of pages 1 through 30 and Attachments 1 through 7) and the applicable regulations contained in 25 Pa. Code Chapters 260a-270a and 40 CFR 260-270 as specified in the permit.

This permit is based on the assumption that the information submitted in the permit application attached to the Permittee's letter dated October 21, 2002 as modified by subsequent amendments dated September 3, 2004, May 4, 2005, July 14, 2005, and July 15, 2005 (hereafter referred to as the application) is accurate and that the facility will be constructed and/or operated as specified in the application. Any inaccuracies found in this information may be grounds for the revocation or modification of this permit and potential enforcement action. The Permittee must inform DEP of any deviation from or changes in the information in the application, which would affect the Permittee's ability to comply with the applicable regulations or permit conditions.

This permit is conditioned upon full compliance with all applicable provisions of the Act; DEP regulations contained in 25 Pa. Code Chapters 260a - 270a; Federal regulations contained in 40 CFR Chapters 260 - 270; The Clean Streams Law, 35 P.S. 691.1 <u>et seq.</u>; the Air Pollution Control Act, 35 P.S. 4001 <u>et seq.</u>; the Dam Safety and Encroachments Act, 32 P.S. 693.1 <u>et seq.</u>; the Surface Mining Conservation and Reclamation Act, 52 P.S. 1396.1 <u>et seq.</u>; the Coal Refuse Disposal Control Act, 52 P.S. 30.51 <u>et seq.</u>; all other Pennsylvania statutes related to the protection of the environment; and all Pennsylvania statutes related to the protection of public health, safety, and welfare.

This permit is effective as of February 17, 2006, and shall remain in effect until February 17, 2016, unless revoked and reissued, or terminated in accordance with 25 Pa. Code 270a.41, 270a.42, 270a.43 and 40 CFR 270.41, 270.42, and 270.43, or continued.

FOR THE DEPARTMENT OF ENVIRONMENTAL PROTECTION

PART I - STANDARD CONDITIONS

A. EFFECT OF PERMIT

This permit authorizes only the management of hazardous waste expressly described in this permit and does not authorize any other management of hazardous waste. Issuance of this permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of State or local laws or regulations. Compliance with the terms of this permit does not constitute a defense to any action brought under the Act or any other law governing protection of public health or the environment.

B. PERMIT ACTIONS

This permit may be modified, revoked and reissued, terminated for cause as specified in 25 Pa. Code 270a.41, 270a.42, 270a.43 and 40 CFR 270.41, 270.42, and 270.43 or suspended in accordance with the Act. The filing of a request for a permit modification, revocation and reissuance, or revocation or the notification of planned changes or anticipated noncompliance on the part of the Permittee does not stay or supersede the applicability or enforceability of any permit condition.

C. SEVERABILITY

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

D. DEFINITIONS

For the purpose of this permit, terms used herein shall have the same meaning as those in Title 25 of the Pennsylvania Code and Title 40 of the Code of Federal Regulations (25 Pa. Code Chapters 260a - 270a and 40 CFR 260 - 270), unless this permit specifically states otherwise; where terms are not otherwise defined, the meaning associated with such terms shall be as defined by a standard dictionary reference or the generally accepted scientific or industrial meaning of the term. "The Department" is the Department of Environmental Protection of the Commonwealth of Pennsylvania.

E. REPORTS, NOTIFICATIONS AND SUBMISSIONS TO THE DEPARTMENT

All reports, notifications, or other submissions which are required by this permit to be sent or given to the Department should be sent certified mail or given to: Facilities Manager, Waste Management Program, Department of Environmental Protection, Southcentral Regional Office, 909 Elmerton Avenue, Harrisburg, PA 17110-8200.

F. SIGNATORY REQUIREMENTS

All reports or other information requested by the Department shall be signed and certified as required by 40 CFR 270.11.

G. DOCUMENTS TO BE MAINTAINED AT THE FACILITY SITE

The Permittee shall maintain at the facility, until closure is completed and certified by an independent registered professional engineer, the following documents and amendments, revisions, and modifications to these documents:

- 1. Waste analysis plan required by 25 Pa. Code 264a.13 and this permit.
- 2. Personnel training documents and records required by 40 CFR 264.16(d) and this permit.
- 3. Contingency plan required by 40 CFR 264.52(a), 264.53(a) and this permit.
- 4. Closure plan required by 40 CFR 264.112(a) and (b) and this permit.
- 5. Annually-adjusted cost estimate for facility closure required by 40 CFR 264.142 and this permit.
- 6. Operating record required by 40 CFR 264.73 and Part II, Section H.1 of this permit.
- 7. Inspection schedules and logs required by 40 CFR 264.15(b)(1&2) and this permit.
- 8. Documents required by Part I, Section H, and Part II, Sections H, K, and L of this permit.

H. DUTIES AND REQUIREMENTS

- 1. <u>Duty to Comply</u>. The Permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and the regulations promulgated thereunder and is grounds for enforcement action; for permit revocation, termination and reissuance, or modification; or for denial of a permit renewal application.
- <u>Duty to Reapply</u>. If the Permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the Permittee must submit a complete application for a new permit at least 180 days before this permit expires.
- <u>Permit Expiration</u>. This permit and all conditions therein will remain in effect beyond the permit's expiration date if the Permittee has submitted a timely, complete application and through no fault of the Permittee, the Department has not issued a new permit.
- <u>Need to Halt or Reduce Activity Not a Defense</u>. It shall not be a defense for the Permittee in an enforcement action to argue that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- <u>Duty to Mitigate</u>. In the event of noncompliance with the Act, the regulations, or this permit, the Permittee shall take all necessary steps to prevent and abate any releases to the environment, and shall carry out such measures as are necessary to prevent significant adverse impacts on human health or the environment.
- 6. <u>Proper Operation and Maintenance</u>. The Permittee shall at all times properly operate and maintain all facilities and systems of storage, treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the Act, the regulations, and the conditions of this permit. Proper operation and maintenance shall include effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. The Permittee shall operate back-up or auxiliary facilities or similar systems if necessary to achieve compliance with the Act, the regulations and the conditions of the permit.
- 7. <u>Duty to Provide Information</u>. The Permittee shall furnish to the Department within a reasonable time, any relevant information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The Permittee shall also furnish to the Department, upon request, copies of records required to be kept by the Permittee pursuant to the Act, the regulations, or any permit condition.
- 8. <u>Inspection and Entry</u>. The Permittee shall allow the Department, its agents and authorized representatives, upon the presentation of credentials and other documents as may be required by law, or without advance notice or a search warrant to:
 - a. Enter at reasonable times upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records concerning the regulated facility or activity are kept;
 - b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under the Act, the regulations, or this permit;
 - d. Sample or monitor any substances or parameters at any location for the purposes of assuring permit compliance or as otherwise authorized by the Act or the regulations; and
 - e. Engage in any other activities necessary or appropriate to the documentation of events or conditions at any locations.

9. Monitoring and Records.

a. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. The method used to obtain a representative sample of the waste to be analyzed must be the appropriate method from Appendix I of 40 CFR Part 261 - Criteria, Identification and Listing of Hazardous Waste or an equivalent method approved by the Department. Laboratory methods must be those specified in Appendix III of 40 CFR Part 261; Test Methods for Evaluating Solid Waste: Physical/Chemical Methods (U.S. EPA Document SW-846, most recent edition); Standard Methods of Waste Water Analysis (U.S. EPA; 15th ed.; 1980); or an equivalent method approved by the Department and as specified in the attached waste analysis plan.

- b. The Permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports and records required by the Act, the regulations, or this permit, and all records of all data used to complete the application for this permit for a period of at least 3 years from the date of the sample, measurement, report or record, or application. These periods may be extended by request of the Department at any time and are automatically extended during the course of any unresolved enforcement action regarding this facility.
- c. The Permittee shall maintain records of all groundwater quality and groundwater surface elevations for the active life of the facility and during the post-closure care period as well.
- d. The Permittee shall, at a minimum, keep monitoring records which include the following information:
 - (1) The dates, exact place, and times of sampling or measurements;
 - (2) The individuals who performed the sampling or measurements;
 - (3) The dates analyses were performed;
 - (4) The individuals who performed the analyses;
 - (5) The analytical techniques or methods used;
 - (6) The results of such analyses.
- 10. <u>Reporting Planned Changes</u>. The Permittee shall give notice to the Department as soon as possible of any planned physical alterations or additions to the permitted facility. This notice must include a description of all incidents of noncompliance reasonably expected to result from the proposed changes. The Permittee shall not modify the facility without first obtaining a permit from the Department.
- 11. <u>Anticipated Noncompliance</u>. The Permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity, which may result in noncompliance with permit requirements.
- 12. Transfer of Permits. This permit shall not be transferred or assigned to any other person or municipality.
- 13. <u>Twenty-Four Hour Reporting</u>. The Permittee shall report to the Department any noncompliance with the Act, the regulations or any condition of this permit or any occurrence or event at the facility, which may endanger health or the environment.
 - a. Information shall be provided orally within 24 hours from the time the Permittee becomes aware of the circumstances. This report shall include the following:
 - (1) Information concerning release or potential release of any hazardous waste from the facility that may endanger public drinking water supply sources.
 - (2) Any information of a release, potential release, or discharge of hazardous waste from the facility, or information of a potential or actual fire or explosion at the facility, which may threaten the environment or human health.
 - b. The description of the occurrence and its cause shall include:
 - (1) Name, address, and telephone number of the owner or operator;
 - Name, address, and telephone number of the facility;
 - (3) Date, time, and type of incident;
 - (4) Name and quantity of material(s) involved;
 - (5) The extent of injuries, if any;
 - (6) An assessment of actual or potential hazards to the environment and human health at or near the facility; and
 - (7) Estimated quantity and disposition of recovered material that resulted from the incident.
 - c. A written submission shall also be provided to the Department within five days of the time the Permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of non-compliance (including exact dates and times); if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The Permittee need not comply with the five-day written notice requirement if the Department extends it to 15 days.

- 14. <u>Other Noncompliance</u>. The Permittee shall report to the Department all other instances of noncompliance not otherwise required to be reported above, at the time monitoring reports are submitted. The reports shall contain the information listed in permit condition I.H.13.
- 15. <u>Other Information</u>. Whenever the Permittee becomes aware that it failed to submit any relevant facts in the permit application, or submitted incorrect information in a permit application or in any report to the Department, or whenever the Permittee becomes aware of circumstances which require a modification or clarification of any fact or representation made to the Department in connection with a permit application, it shall promptly submit such facts or information to the Department.

I DOCUMENTS TO BE SUBMITTED PRIOR TO OPERATION

The Permittee shall submit the following documents to the Department for written approval prior to commencing operation of any unit at the facility other than storage in container storage areas CMA 3-6 and CMA 10-11 or storage/treatment in Tank Nos. T01-T11, T14, T16, T17, T30/31, T32, R01-R05, R15, R30, R31, F01, F02, and F03.

- 1. Construction drawings and specifications showing exact location of unit.
- 2. Quality control measures and tests to ensure that installation and construction conforms to design materials and construction specifications approved.
- 3. Revised bonding documents reflecting changes in closure cost estimates.

J CERTIFICATION OF CONSTRUCTION OR MODIFICATION

The Permittee may not manage hazardous waste at the facility other than storage in container storage areas CMA 3-6 and CMA 10-11 or storage/treatment in Tank Nos. T01-T11, T14, T16, T17, T30/31, T32, R01-R05, R15, R30, R31, F01, F02, and F03:

- The Permittee has submitted to the Department by certified mail or hand delivery a letter signed by the Permittee and a registered professional engineer stating that the facility has been constructed or modified in compliance with the permit; and
- a. The Department has inspected the modified or newly constructed facility and finds it is in compliance with the conditions of the permit; or
 - b. The Department has either walved the inspection or has not within 15 days notified the Permittee of its intent to inspect.

Appendix 5.

PA DEP National Pollution Discharge Elimination System Permit



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATER STANDARDS AND FACILITY REGULATION

PAG-03 AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR DISCHARGES OF STORMWATER ASSOCIATED WITH INDUSTRIAL ACTIVITIES

NPDES PERMIT NO: PAR403503

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq*. ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq*.,

EQ Pennsylvania 730 Vogelsong Road York, PA 17404-1725

is authorized to discharge stormwater from a facility located at:

Envirite of Pennsylvania, Inc. dba EQ Pennsylvania 730 Vogelsong Road York, PA 17404-1725 York City, York County

to receiving water(s) named:

Codorus Creek in Watershed(s) 7-H

This authorization is subject to effluent limitations, Best Management Practices (BMPs), monitoring and reporting requirements and other terms, conditions, criteria and special requirements for the discharge of stormwater from point sources composed entirely of stormwater associated, in whole or in part, with industrial activity, as described in this General Permit, to surface waters of the Commonwealth, including to municipal separate storm sewers and nonmunicipal separate storm sewers.

Authorizations under the previous PAG-03 replaced by this General Permit are automatically continued under this General Permit for the remaining duration of the previously approved coverage. If the permittee is unable to comply with the terms of this General Permit, the permittee must submit an application for an individual permit within 90 days of publication of this final General Permit.

All monitoring requirements and BMPs specified in **Appendix C** (SIC Code 4953) on page no(s) C-1 to C-2 of this General Permit apply to this discharge. The enclosed discharge monitoring report(s) (DMRs) must be submitted as required under Part A.3. of this General Permit and kept on-site as specified in this General Permit.

APPROVAL FOR COVERAGE TO DISCHARGE UNDER THIS GENERAL NPDES PERMIT SHALL COMMENCE <u>JUNE 1, 2015</u>, AND SHALL EXPIRE AT MIDNIGHT <u>MAY 31, 2020</u>, UNLESS EXTENDED IN WRITING BY DEP. IF THE GENERAL PERMIT IS RENEWED, REISSUED OR MODIFIED DURING THE TIME OF COVERAGE, THE FACILITY OR ACTIVITY COVERED BY THE APPROVAL FOR COVERAGE MUST COMPLY WITH THE FINAL RENEWED, REISSUED OR MODIFIED GENERAL PERMIT.

The aforementioned approval is authorized by:

yana & Buck

Maria D. Bebenek, P.E. Clean Water Program Manager Southcentral Regional Office Department of Environmental Protection

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Appendix 6.

City of York Industrial Wastewater Permit

CITY OF YORK, PENNSYLVANIA DEPARTMENT OF PUBLIC WORKS CITY OF YORK WASTEWATER TREATMENT PLANT

INDUSTRIAL WASTEWATER DISCHARGE PERMIT NUMBER CYP-0005

In accordance with the provisions of the City of York, Pennsylvania code, Section 931.03, US Ecology York 730 Vogelsong Road York, Pennsylvania 17404

is hereby authorized to discharge industrial wastewater from the above facility, located in **the City of York, York County, Pennsylvania** and through the discharge locations identified herein into the City of York, Pennsylvania sewage works in accordance with the conditions set forth in this permit. Compliance with this permit does not relieve the permittee of its obligation to comply with any or all applicable pretreatment regulations, standards, or requirements under local, state, and federal laws, including any such regulations, standards, requirements, or laws that might become effective during the term of this permit.

This permit shall become effective on October 1, 2015. This permit and the authorization to discharge shall expire at midnight on September 30, 2018.

If there is a conflict between the permit application, its supporting documents and/or amendments and the terms and conditions of this permit, the terms and conditions shall apply.

Failure to comply with the provisions of Article 931 or Article 933 of the York City Code, the terms or conditions of this permit, or the provisions of the federal pretreatment regulations is grounds for: enforcement action; permit termination, revocation and reissuance, or modification; or, denial of a permit renewal application.

Noncompliance with any term or condition of this permit shall constitute a violation of the City of York Wastewater Treatment Plant sewer use ordinance.

To continue to discharge after the expiration date of this permit, an industrial wastewater discharge permit application for a renewal permit must be filed a minimum of 120 days prior to the expiration date in accordance with the requirements of Article 931.03(g) of the York City Code.

PERMIT ISSUED BY: James E. Gross, Director of Public Works City of York DATE: ____

PART A - EFFLUENT LIMITATIONS

a. EFFLUENT LIMITATIONS

- The permitted discharge locations are described as follows: Discharge 001: Control Manhole 001: West side of facility, outside near lime silo. This discharge location is downstream from Discharge 002. Discharge 002: Effluent Weir Box 001: Inside facility, post treatment.
- 2. The permittee is authorized to discharge process, non-process and sanitary wastewater during the period beginning October 1, 2015 and lasting through September 30, 2018.
- **3.** The daily flow of effluent discharged from the facility shall not exceed **60,000** gallons per day. The rate of discharge from process flows together with other sanitary sewer discharges from the property shall not overload the hydraulic capacity of the receiving sewer line.
- 4. The quality of effluent shall be limited at all times as specified in Article 931 of the York City Code and as specified in the table below. The permittee shall not discharge or cause to be discharged the wastes or waters described in Section 931.02 of the York City Code.

Parameter	Maximum Daily Limit	Maximum Monthly Average
Flow (discharge)	60,000 gpd	
pH ^L	Within the limits of 5.5 to 11.0 Standard Units,	
	inclusive, at all times.	
BOD ^L	3,000 mg/l	
Total Suspended Solids ^L		
Phosphorus as P ^L		
Ammonia as N ^L		
Antimony	0.249 mg/l ^F	0.206 mg/l ^F
Arsenic	0.162 mg/l ^F	0.104 mg/l ^F
Cadmium	0.16 mg/l ^L	0.0962 mg/l ^F
Cobalt	0.192 mg/l ^F	0.124 mg/l ^F
Chromium	0.9 mg/l ^L	3.07 mg/l ^F
Copper	1.3 mg/l ^L	1.06 mg/l ^F
Cyanide, Total	0.6 mg/l ^L	
Lead	0.34 mg/l ^L	0.283 mg/l ^F
Mercury	0.00234 mg/l ^F	0.000739 mg/l ^F
Molybdenum	3.0 mg/l ^L	
Nickel	1.5 mg/l ^L	1.45 mg/l ^F
Selenium	0.5 mg/l ^L	
Silver	0.120 mg/l ^F	0.0351 mg/l ^F
Tin	0.409 mg/l ^F	0.120 mg/l ^F
Titanium	0.0947 mg/l ^F	0.0618 mg/l ^F
Vanadium	0.218 mg/l ^F	0.0662 mg/l ^F
Zinc	2.87 mg/l ^F	0.641 mg/l ^F
Oil & Grease ^L	100 mg/l by weight of extractable oil and grease.	
Flash Point ^L	not less than 60° C (140° F)	
Temperature ^L	not more than 82° C (180° F) upon reaching the	
	public sewer	
Cyanide in-plant limitation	500mg/l ^F	178 mg/l ^F

^L- The source of this limit is Article 931.02.b. ^F- The source of this limit is 40 CFR 437.15.
b. MONITORING REQUIREMENTS

1. From the period beginning October 1, 2015 until September 30, 2018 the permittee shall monitor Discharge 001 or Discharge 002 for the following parameters at the indicated frequency:

	Measurement		
Sample Parameter	Location	Frequency	Sample Type
Flow (total gallons)	001 or 002	Three times per quarter	Meter(s) records
Ammonia as N	001 or 002	Three times per quarter	24-hour composite
Biochemical Oxygen Demand	001 or 002	Three times per quarter	24-hour composite
Phosphorus as P	001 or 002	Three times per quarter	24-hour composite
Total Suspended Solids	001 or 002	Three times per quarter	24-hour composite
Antimony	001 or 002	Three times per quarter	24-hour composite
Arsenic, Total	001 or 002	Three times per quarter	24-hour composite
Cadmium, Total	001 or 002	Three times per quarter	24-hour composite
Chromium, Total	001 or 002	Three times per quarter	24-hour composite
Cobalt, Total	001 or 002	Three times per quarter	24-hour composite
Copper, Total	001 or 002	Three times per quarter	24-hour composite
Cyanide, Total	001 or 002	Three times per quarter	Grab
Lead, Total	001 or 002	Three times per quarter	24-hour composite
Mercury, Total	001 or 002	Three times per quarter	24-hour composite
Molybdenum, Total	001 or 002	Three times per quarter	24-hour composite
Nickel, Total	001 or 002	Three times per quarter	24-hour composite
Selenium, Total	001 or 002	Three times per quarter	24-hour composite
Silver, Total	001 or 002	Three times per quarter	24-hour composite
Tin, Total	001 or 002	Three times per quarter	24-hour composite
Titanium, Total	001 or 002	Three times per quarter	24-hour composite
Vanadium, Total	001 or 002	Three times per quarter	24-hour composite
Zinc, Total	001 or 002	Three times per quarter	24-hour composite

2. All handling and preservation of collected samples and laboratory analyses of samples shall be performed in accordance with 40 CFR Part 136 and amendments thereto unless otherwise specified in the monitoring conditions of this permit. The requirements of Section 931.03(l) of the York City Code shall be met.

c. REPORTING REQUIREMENTS, REPORTING OF MONITORING RESULTS

The permittee shall submit the monitoring and analytical results with a Self-Monitoring Report (SMR) at the frequency indicated in Part A subsection b.1 of this permit. A schedule and other requirements for Self-Monitoring Report submittals are located in Part C, section c of this permit. The report shall contain the information required by Part C, section c of this permit. Submit all data and reports to the following address:

City of York MIPP Division 1625 Toronita Street York, PA 17402

PART B - STANDARD CONDITIONS

a. **DEFINITIONS**

The following words and terms when used in this permit shall have the following meanings, unless the context clearly indicates otherwise. Definitions not found in this permit may be found in Article 931 of the York City Code or in 40 CFR chapter I, subchapter N.

- "Best Management Practice" or "BMP" means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to implement the general and specific prohibitions listed in Section 931.02 of the City of York code and 40 CFR 403.5(a)(1) and (b). BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.
- 2. "BOD" ("Biochemical Oxygen Demand") means the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at twenty (20) degrees Celsius, expressed in terms of weight and concentration (milligrams per liter mg/l).
- 3. "CFR" means Code of Federal Regulations.
- 4. "Daily discharge" means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants expressed in other units of measurement (i.e., mg/l), except for pH, the "daily discharge" is calculated as the arithmetic average measurement of the pollutant derived from all measurements taken that day or by the measurement of a composite sample taken that day.
- 5. "General Manager" means the General Manager of the City of York Wastewater Treatment plant or his duly authorized representatives or designees.
- 6. "Grab sample" means an individual sample that is taken from a wastestream without regard to the flow in the wastestream and over a period of time not to exceed fifteen (15) minutes.
- 7. "Instantaneous maximum concentration" means the concentration not to be exceeded at any time in any grab sample.
- 8. "Maximum daily limit" means the highest allowable "daily discharge" of a pollutant.
- 9. "Monthly average" means the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month.
- **10.** "Monthly average limit" means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month.
- 11. "Slug" or "slug discharge" means any discharge at a flow rate or concentration, which could cause a violation of the prohibited discharge standards in Section 931.02 of the City of York code. A slug discharge is any discharge of a non-routine, episodic nature, including but not limited to an accidental spill or a non-customary batch discharge, which has a reasonable potential to cause interference or pass-through, or in any other way violate the publicly owned treatment works' (POTW) regulations, local limits or permit conditions.

b. RECORDING OF MONITORING RESULTS

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

- 1. The exact place, date, time, and type of sampling.
- 2. The name of the person performing the sample collection.
- 3. The type of preservation used for the sample.
- 4. The dates the analyses were performed.
- 5. The person(s) who performed the analyses.
- 6. The analytical techniques or methods used.
- 7. The results of all analyses.

c. MONITORING REQUIREMENTS

- 1. All samples and analysis conducted in compliance with the requirements of this permit and the requirements of Section 931.03(l) of the York City Code must be representative of operating conditions.
- 2. When self-monitoring indicates a violation, the permittee must notify the General Manager within twenty-four (24) hours of becoming aware of the violation. The permittee shall also repeat the sampling and analysis of the pollutant and submit the results of the repeat analysis to the General Manager within thirty (30) days after becoming aware of the violation.
- **3.** If the permittee monitors any pollutant at the discharge point(s) designated by this permit more frequently than this permit requires, all results of this monitoring shall be submitted to the General Manager with the self-monitoring report.
- 4. All self-monitoring reports require the following certification statement: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

d. SIGNATORY REQUIREMENTS

- 1. Industrial user reports and submissions requiring signature and certification, which include, but are not limited to, permit applications, industrial questionnaires, baseline monitoring reports, compliance schedules, BMPs, final compliance reports and periodic compliance reports, shall be signed by an authorized or duly authorized representative as follows:
 - **A.** By a responsible corporate officer, if the industrial user submitting the reports is a corporation. For the purpose of this paragraph a responsible corporate officer means:
 - i. A president, secretary, treasurer, or vice-president of the corporation in charge of a principle business function, or any other person who performs similar policy or decision-making functions for the corporation, or;
 - ii. The manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions

which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiate and direct other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for control mechanism requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

- **B.** By a general partner or proprietor if the industrial user submitting the reports is a partnership or sole proprietorship respectively.
- **C.** By a duly authorized representative of the individual designated in paragraph (1)(A) or (1)(B) of this section if:
 - i. Authorization is made in writing by the individual described in paragraph (1)(A) or (1)(B);
 - **ii.** The authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the industrial discharge originates, such as the position of plant manager, operator of a well, or well field superintendent, or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company; and
 - iii. The written authorization is submitted to the General Manager of the POTW.
- **D.** If an authorization under paragraph (1)(C) of this section is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements of paragraph (1)(C) of this section must be submitted to the General Manager of the POTW prior to or together with any reports to be signed by an authorized representative.

e. RECORD KEEPING

All records and information resulting from the monitoring activities required by this permit, including but not limited to, all records of analyses performed and wastewater discharged, calibration and maintenance of instrumentation, recordings from continuous monitoring instrumentation, and records documenting best management practices compliance, shall be retained for a minimum of three (3) years, or longer if requested by the City of York, Pennsylvania Department of Environmental Protection, or Environmental Protection Agency.

f. VIOLATIONS AND PENALTIES

Violations of this permit may result in a criminal summary offense and penalties as provided for in Section 931.99 of the York City Code. The maximum penalty is \$1,000.00 per violation per day and costs of prosecution. Default in payment may result in imprisonment for not more than thirty (30) days. A civil penalty may be assessed of up to \$25,000 dollars, assessed on a per violation, per day basis. Monthly or other long-term average discharge limits are assessed for each day during the period. A lien against the permittee's property may be sought for unpaid charges and penalties. Violations of this permit may be declared to be a public nuisance, subject to the authority of the City Board of Health, as provided by the Third Class City Code. The City of York may avail itself of enforcement methods provided for by York City Code, and by state and federal law.

g. APPEALS

Whenever the City of York, including the General Manager, takes or proposes to take any administrative action that will affect the rights of the permittee, including but not limited to the issuance or denial of a permit, issuance of an order, temporary or permanent suspension of a permit, or imposition of a civil penalty, the permittee has the right to request an administrative hearing by the Sanitary Sewer Board of Appeals pursuant to Section 931.17 of the York City Code.

h. DILUTION PROHIBITED

The permittee shall not increase the use of process water, or in any way attempt to dilute a discharge, as a partial or complete substitute for adequate treatment to achieve compliance with a discharge limitation unless expressly authorized by an applicable pretreatment standard or requirement.

i. HAZARDOUS WASTES

- 1. The permittee may not discharge to the POTW any hazardous waste which, if otherwise disposed of, would be a hazardous waste under 40 CFR 261 unless written authorization is obtained from the General Manager. It is at the General Manager's discretion to accept such waste. Any request shall include the name of the hazardous waste as set forth in 40 CFR 261, the EPA hazardous waste number, and the type of discharge (continuous, batch, or other) and other information that the General Manager requires to make an informed decision. If the General Manager grants permission to the permittee to discharge such waste, the permittee shall notify the EPA Regional Waste Management Division and Pennsylvania Hazardous Waste authorities in writing in accordance with applicable federal and state requirements. Any such notification submitted to the EPA Regional Waste Management Division and Pennsylvania Hazardous Waste authorities shall be copied to the General Manager. This notification requirement does not apply to pollutants already reported under the self-monitoring requirements of Article 931 of the York City Code.
- 2. The permittee shall allow the General Manager, or duly authorized representatives, to inspect hazardous waste generation, treatment, storage, and disposal procedures, and the records generated from the management of hazardous waste.

j. MANAGEMENT REQUIREMENTS

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant more frequently than, or at a level in excess of, that identified and authorized by this permit shall constitute a violation of the terms and conditions of this permit. The permittee must promptly notify the General Manager of any anticipated change in the facility's discharge, volume (increase or decrease), pretreatment, concentration, character, point of discharge or the addition or removal of manufacturing processes or the manufacture of products at the facility. This permit may then be modified or reissued to reflect such changes. A violation may result in the imposition of criminal and civil penalties as provided for in Section 931.99 of the York City Code.

k. PERMIT MODIFICATION, TERMINATION

The City of York may seek to terminate the wastewater treatment services to any person and/or revoke and reissue, modify, or terminate this permit in accordance with Article 931 of the York City Code.

I. AVAILABILITY OF REPORTS

Except for information determined to be confidential, information shall be available for public inspection in compliance with 40 CFR 403.14 and Section 931.13 of the York City Code. In accordance with the Pennsylvania Right-to-Know Law, all requests for information shall be submitted to the City of York Right-to-Know Officer.

m. RIGHT OF ENTRY

The General Manager and other duly authorized employees of the City of York bearing proper credentials and identification shall be permitted to enter upon all properties at reasonable times to carry out all inspection, surveillance, observation, measurement, monitoring procedures, sampling and testing necessary to determine, independent of information supplied by the permittee, compliance or noncompliance with applicable pretreatment standards and requirements and ordinance requirements. The General Manager shall have the right to enter any premises of the permittee in which a discharge source or treatment system is located, or in which records are required to be kept under 40 CFR 403.12(o), to ensure compliance with pretreatment standards or requirements, any wastewater discharge permit, the requirements of this ordinance, or an order issued hereunder. The permittee shall allow the General Manager ready access to all parts of the premises for the purposes of inspection, sampling, records examination and copying, and the performance of any additional duties. The authority of the General Manager shall be at least as extensive as the authority provided under Section 308 of the Clean Water Act. Additional access to premises and right of entry requirements are found in Section 931.04 of the York City Code.

n. PROPERTY RIGHTS

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize an injury to private property, invasion of personal rights or any infringement of Federal, State, or local laws or regulations, nor does it authorize or approve the construction of any onshore or offshore physical structures or facilities or the undertaking of any work in any navigable waters.

o. FACILITY OPERATION AND QUALITY CONTROL

All waste collection, control, treatment and disposal facilities shall be operated in a manner consistent with the following:

- 1. At all times, all facilities shall be operated as efficiently as possible in a manner which will minimize upsets and discharges of excessive pollutants.
- 2. The permittee shall provide an adequate operating staff which is fully qualified to carry out the operation, maintenance and testing functions required to insure compliance with the conditions of this permit.

p. SLUG DISCHARGE, UPSETS AND/OR SPILLS

The permittee shall notify the General Manager immediately of any planned or unplanned discharge of waste of unusual strength, volume or other characteristics, whether or not such discharge is in violation of the wastewater discharge permit. If a spill or system upset occurs, the permittee shall complete a spill/upset form and submit the form to the General Manager within five (5) days of the event. Whenever changes are made at the facility that may affect the potential for a slug discharge to occur, the permittee shall notify the General Manager in advance, if possible, or within twenty-four (24) hours of making such changes.

q. BYPASS OF TREATMENT FACILITIES

- The permittee may allow any bypass to occur which does not cause pretreatment standards or requirements to be violated, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provision of paragraphs (2), (3), and (4) below.
- 2. If the permittee knows in advance of the need for a by-pass, it shall submit prior notice to the General Manager, if possible at least ten days before the date of the bypass.
- 3. The permittee shall submit oral notice of an unanticipated bypass that exceeds applicable pretreatment standards (i.e., requirements of this permit) to the General Manager within 24 hours from the time the permittee becomes aware of the bypass. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the bypass. The written submission shall contain: a description of the bypass and its cause; the duration of the bypass including exact dates and times; and, if the bypass has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the bypass. The General Manager may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
- 4. Bypass is prohibited, and the General Manager may take enforcement action against the permittee for a bypass unless:
 - **A.** The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
 - **B.** There was no feasible alternative to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtown. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and
 - **C.** The permittee submitted notices as required under paragraphs (2) and (3) of this section.

The General Manager may approve an anticipated bypass, after considering its adverse effects, if the General Manager determines that it will meet the three conditions listed in section (4)(A) through (4)(C).

r. CIVIL AND CRIMINAL LIABILITY

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

s. SOLIDS DISPOSAL

Screenings, slurries, sludges, and other solids shall be disposed of in accordance with local, state and federal law.

t. TRANSFER OF OWNERSHIP OR CONTROL

In the event of any change in control or ownership of facilities from which the authorized discharges emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the General Manager. Industrial wastewater discharge permits are issued to a specific person for a specific operation. A wastewater discharge permit shall not be reassigned, transferred, sold, or applied to different premises or a new or changed operation without the written approval of the General Manager.

u. SEVERABILITY

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

v. STANDARDS AND REQUIREMENTS

This permit does not relieve the permittee of any limits or requirements of local, state or federal law. Where such law may impose more stringent requirements or additional requirements then these shall be part of the permit whether stated or not.

w. REOPENER CLAUSE

As provided by Section 931.03(g) of the York City Code, this permit may be modified to include new or different permit conditions if new information, (such as future water quality studies or wasteload allocation determinations) or new state or federal regulations, require different conditions. Modifications made during the term of the permit are subject to the notice and opportunity for appeal provisions of Sections 931.03(h) and 931.17 of the York City Code.

PART C - SPECIAL CONDITIONS

a. COMPLIANCE

- 1. The permittee shall comply with Article 931 of the York City Code, 40 CFR Part 403 (General Pretreatment Regulations for Existing and New Sources of Pollution), and any federal categorical pretreatment regulations and state regulations that may be applicable.
- 2. The permittee shall notify the General Manager before any additional processes are added to, or removed from, the facility, whether wastewater is Discharged from these additional processes or not.

b. NOTIFICATION

- 1. The permittee shall notify the General Manager of any significant changes to the facility's operations or system that might alter the nature, quality or volume of its wastewater at least thirty (30) days before the anticipated change. Notice of slug discharge shall be provided immediately to the General Manager. Whenever changes are made at a facility that may affect the potential for a slug discharge to occur, the permittee shall notify the General Manager in advance, if possible, or within twenty-four (24) hours of making such changes.
- 2. Permit application information shall be updated at the request of the General Manager. In response to new or changed information, this Permit may be revised to include additional monitoring or reporting requirements pursuant to 40 CFR 403.12 and Article 931 of the York City Code.

c. SELF-MONITORING

1. The permittee shall submit Self-Monitoring Reports to the General Manager at the address listed in Part A subsection c. "Reporting Requirements, Reporting of Monitoring Results" of this permit according to the following schedule:

Self-Monitoring Report	Covers Activities From	Is Due On
1 st Quarter (January, February, March)	January 1 through March 31	April 30
2 nd Quarter (April, May, June)	April 1 through June 30	July 31
3 rd Quarter (July, August, September)	July 1 through September 30	October 31
4 th Quarter (October, November, December)	October 1 through December 31	January 31

2. The permittee's Self-Monitoring Report shall provide all required information including, but not limited to, results of testing indicated in Part A subsection b. "Monitoring Requirements" of this permit, the amount and type of residual wastes removed offsite, and the certification of Part B subsection c.4 of this permit. Copies of transport receipts and/or waste manifests shall be made available upon request of the General Manager or duly authorized representatives.

d. ADMINISTRATIVE PENALTY

- 1. Administrative penalties shall be applicable according to the following schedule. In accordance with Section 931.99 of the York City Code, a separate offense shall be deemed committed on each day during or on which a violation or failure to comply occurs or continues:
 - A. Failure to provide, within thirty (30) days after the schedule date, required reports such as baseline monitoring reports, 90-day compliance reports, periodic self-monitoring reports, reports on compliance with compliance schedules, and permit reporting requirements: \$500.00 per day per event.
 - B. Failure to obtain approval for discharge: \$1,000.00 per day per event.
 - C. Failure to provide independent wastewater monitoring results as required by this permit: \$500.00 per day per event.
 - D. Failure to provide required self-monitoring report information including, but not limited to, the amount and type of residual wastes removed offsite, copies of transport receipts and/or waste manifests, copies of water utility bills, and/or copies of wastewater discharge logs: \$250.00 per day per event.
 - E. Failure to meet, within ninety (90) days after the schedule date, a compliance schedule milestone contained in a local control mechanism or enforcement order for starting construction, completing construction, or attaining final compliance: \$500.00 per day per event.
 - F. The permittee shall be notified of any Administrative Penalties due and shall pay such penalties or file an appeal under Section 931.17 of the Ordinance within thirty days of such notice. Absent an appeal, failure to pay Administrative penalties when due shall constitute a violation of the Ordinances of the City of York and may result in suspension of this Permit until such penalties are paid in full.

e. FLOW METERS AND CALIBRATION

- 1. A wastewater flow meter is required. Any wastewater flow meters shall be calibrated annually, at a minimum. Proof of calibration for each wastewater meter shall be submitted to the General Manager and shall include the type, model, serial number, and location of meter(s) in the facility, and include documentation from the calibration provider. Proof of flow meter calibration shall be submitted annually by December 1 to the address listed in Part A subsection c. "Reporting Requirements, Reporting of Monitoring Results" of this permit.
- 2. The permittee shall notify the General Manager in writing if wastewater flow meters are added, removed or replaced at the facility.

f. MARCELLUS SHALE, RELATED WASTEWATERS

1. The permittee shall not accept the following wastewaters, either with or without pretreatment, for disposal to the POTW: any oil and/or gas well related drilling, fracturing, cleaning, maintenance or production wastewaters from the Marcellus Shale or from other geologic deposits or formations where similar extraction technology is employed or where resultant wastewater is characteristically similar to Marcellus Shale wastewaters. Such wastewaters shall not be discharged to the sanitary sewer system under this permit whether pretreated or not. Such wastes have the potential to cause interference with the operation of the POTW, adversely affect the use or disposal of

municipal sludge, or introduce pollutants that will pass-through the treatment works or otherwise be incompatible with such works, including inhibition of the biologic treatment process.

- 2. Should the permittee wish to accept such wastes for disposal to the POTW, the permittee shall complete a new permit application and notify the General Manager at least three (3) years before planned acceptance of such wastes. This time frame approximates the minimum necessary for the POTW to meet its regulatory obligations to address federal and state requirements, including: development, approval and adoption of local limits for the pollutants of concern which include, but are not limited to, chlorides, total dissolved solids, sulfates, radionuclides, and metals not currently regulated by a local limit; and determination of the assimilative capacity of the receiving stream and/or watershed for the pollutants of concern.
- 3. The permittee is informed that an industrial wastewater discharge permit allowing the discharge of such oil and gas drilling related wastewaters and including appropriate local limits for pollutants of concern cannot be issued until USEPA has approved any proposed pretreatment program local limit amendments, and the new proposed local limits have been adopted finally (i.e., amendment of the sanitary sewer ordinance, approval by USEPA after federal public notification).

PART A - EFFLUENT LIMITATIONS

a. EFFLUENT LIMITATIONS

- The permitted discharge points are described as follows: Discharge 001: Control Manhole 001: West side of facility, outside near lime silo. This discharge location is downstream from Discharge 002. Discharge 002: Effluent Weir Box 001: Inside facility, post treatment.
- 2. The permittee is authorized to discharge during the period beginning October 1, 2012 and lasting through September 30, 2015.
- **3.** The daily flow of effluent discharged from the facility shall not exceed **60,000** gallons per day. The rate of discharge from process flows together with other sanitary sewer discharges from the property shall not overload the hydraulic capacity of the receiving sewer line.
- 4. The quality of effluent shall be limited at all times as specified in Article 931 of the City of York code and as specified in the table below. The permittee shall not discharge or cause to be discharged the wastes or waters described in Section 931.02 of the City of York code.

<u>Parameter</u>	Maximum Daily Limit	Maximum Monthly Average	
Flow (discharge)	60,000 gpd		
pH^{L}	Within the limits of 5.5 to 11.0 Standard		
	Units, inclusive, at all times.		
BOD ^L	3,000 mg/l		
Total Suspended Solids ^L			
Phosphorus as P ^L			
Ammonia as N ^L		·	
Antimony	0.249 mg/l ^F	0.206 mg/l ^F	
Arsenic	0.162 mg/l ^F	0.104 mg/l ^F	
Cadmium	0.16 mg/l ^L	0.0962 mg/l ^F	
Cobalt	0.192 mg/l ^F	0.124 mg/l ^F	
Chromium	0.9 mg/l ^L	3.07 mg/l ^F	
Copper	1.3 mg/l ^L	1.06 mg/l ^F	
Cyanide, Total	0.6 mg/l ^L		
Lead	0.34 mg/l ^L	0.283 mg/l ^F	
Mercury	0.00234 mg/l ^F	0.000739 mg/l ^F	
Molybdenum	3.0 mg/l^{L}		
Nickel	1.5 mg/l^{L}	1.45 mg/l ^F	
Selenium	0.5 mg/l ^L		
Silver	0.120 mg/l ^F	0.0351 mg/l ^F	
Tin	0.409 mg/l ^F	0.120 mg/l ^F	
Titanium	0.0947 mg/l ^F	0.0618 mg/l ^F	
Vanadium	0.218 mg/l ^F	0.0662 mg/l ^F	
Zinc	2.87 mg/l ^F	0.641 mg/l ^F	
Oil & Grease ^L	100 mg/l by weight of extractable oil and		
	grease.		
Flash Point ^L	not less than 60° C (140° F)		
Temperature ^L	not more than 82° C (180° F) upon reaching		
	the public sewer		
Cyanide in-plant limitation	500mg/l ^F	178 mg/l ^F	

^L- The source of this limit is Article 931.02.b. ^F- The source of this limit is 40 CFR 437.15.

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b. MONITORING REQUIREMENTS

1. From the period beginning October 1, 2012 until September 30, 2015 the permittee shall monitor Discharge 001 or Discharge 002 for the following parameters at the indicated frequency:

	Measurement		
Sample Parameter	Location	Frequency	Sample Type
Flow (total gallons)	001 or 002	Three times per quarter	Meter(s) records
Ammonia as N	001 or 002	Three times per quarter	24-hour composite
Biochemical Oxygen Demand	001 or 002	Three times per quarter	24-hour composite
pH	001 or 002	Three times per quarter	Grab
Phosphorus as P	001 or 002	Three times per quarter	24-hour composite
Total Suspended Solids	001 or 002	Three times per quarter	24-hour composite
Antimony	001 or 002	Three times per quarter	24-hour composite
Arsenic, Total	001 or 002	Three times per quarter	24-hour composite
Cadmium, Total	001 or 002	Three times per quarter	24-hour composite
Chromium, Total	001 or 002	Three times per quarter	24-hour composite
Cobalt, Total	001 or 002	Three times per quarter	24-hour composite
Copper, Total	001 or 002	Three times per quarter	24-hour composite
Cyanide, Total	001 or 002	Three times per quarter	Grab
Lead, Total	001 or 002	Three times per quarter	24-hour composite
Mercury, Total	001 or 002	Three times per quarter	24-hour composite
Molybdenum, Total	001 or 002	Three times per quarter	24-hour composite
Nickel, Total	001 or 002	Three times per quarter	24-hour composite
Selenium, Total	001 or 002	Three times per quarter	24-hour composite
Silver, Total	001 or 002	Three times per quarter	24-hour composite
Tin, Total	001 or 002	Three times per quarter	24-hour composite
Titanium, Total	001 or 002	Three times per quarter	24-hour composite
Vanadium, Total	001 or 002	Three times per quarter	24-hour composite
Zinc, Total	001 or 002	Three times per quarter	24-hour composite
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2. All handling and preservation of collected samples and laboratory analyses of samples shall be performed in accordance with 40 CFR Part 136 and amendments thereto unless otherwise specified in the monitoring conditions of this permit. The requirements of Section 931.03(1) of the City of York code shall be met.

c. REPORTING REQUIREMENTS, REPORTING OF MONITORING RESULTS

The permittee shall submit the monitoring and analytical results with a Self-Monitoring Report (SMR) at the frequency indicated in Part A subsection b.1 of this permit. A schedule and other requirements for Self-Monitoring Report submittals are located in Part C, section c of this permit. The report shall contain the information required by Part C, section c of this permit. Submit all data and reports to the following address:

City of York MIPP Division 1625 Toronita Street York, PA 17402

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PART B - STANDARD CONDITIONS

a. **DEFINITIONS**

The following words and terms when used in this permit shall have the following meanings, unless the context clearly indicates otherwise. Definitions not found in this permit may be found in Article 931 of the City of York code or in 40 CFR chapter I, subchapter N.

- "Best Management Practice" or "BMP" means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to implement the general and specific prohibitions listed in Section 931.02 of the City of York code and 40 CFR 403.5(a)(1) and (b). BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.
- "BOD" ("Biochemical Oxygen Demand") means the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at twenty (20) degrees Celsius, expressed in terms of weight and concentration (milligrams per liter mg/l).
- 3. "CFR" means Code of Federal Regulations.
- 4. "Daily discharge" means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants expressed in other units of measurement (i.e., mg/l), except for pH, the "daily discharge" is calculated as the arithmetic average measurement of the pollutant derived from all measurements taken that day or by the measurement of a composite sample taken that day.
- 5. "General Manager" means the General Manager of the City of York Wastewater Treatment plant or his duly authorized representatives or designees.
- 6. "Grab sample" means an individual sample that is taken from a wastestream without regard to the flow in the wastestream and over a period of time not to exceed fifteen (15) minutes.
- 7. "Instantaneous maximum concentration" means the concentration not to be exceeded at any time in any grab sample.
- 8. "Maximum daily limit" means the highest allowable "daily discharge" of a pollutant.
- 9. "Monthly average" means the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month.
- 10. "Monthly average limit" means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month.
- 11. "Slug" or "slug discharge" means any discharge at a flow rate or concentration, which could cause a violation of the prohibited discharge standards in Section 931.02 of the City of York code. A slug discharge is any discharge of a non-routine, episodic nature, including but not limited to an accidental spill or a non-customary batch discharge, which has a reasonable potential to cause interference or pass-through, or in any other way violate the publicly owned treatment works' (POTW) regulations, local limits or permit conditions.

b. RECORDING OF MONITORING RESULTS

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

- 1. The exact place, date, time, and type of sampling.
- 2. The name of the person performing the sample collection.
- 3. The type of preservation used for the sample.
- 4. The dates the analyses were performed.
- 5. The person(s) who performed the analyses.
- 6. The analytical techniques or methods used.
- 7. The results of all analyses.

c. MONITORING REQUIREMENTS

- 1. All samples and analysis conducted in compliance with the requirements of this permit and the requirements of Section 931.03(1) of the City of York code must be representative of operating conditions.
- 2. When self-monitoring indicates a violation, the permittee must notify the General Manager within twenty-four (24) hours of becoming aware of the violation. The permittee shall also repeat the sampling and analysis of the pollutant and submit the results of the repeat analysis to the General Manager within thirty (30) days after becoming aware of the violation.
- **3.** If the permittee monitors any pollutant at the discharge point(s) designated by this permit more frequently than this permit requires, all results of this monitoring shall be submitted to the General Manager with the self-monitoring report.
- 4. All self-monitoring reports require the following certification statement: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

d. SIGNATORY REQUIREMENTS

- 1. Industrial user reports and submissions requiring signature and certification, which include, but are not limited to, permit applications, industrial questionnaires, baseline monitoring reports, compliance schedules, BMPs, final compliance reports and periodic compliance reports, shall be signed by an authorized or duly authorized representative as follows:
 - **A.** By a responsible corporate officer, if the industrial user submitting the reports is a corporation. For the purpose of this paragraph a responsible corporate officer means:
 - i. A president, secretary, treasurer, or vice-president of the corporation in charge of a principle business function, or any other person who performs similar policy or decision-making functions for the corporation, or;
 - ii. The manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions

which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiate and direct other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for control mechanism requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

- **B.** By a general partner or proprietor if the industrial user submitting the reports is a partnership or sole proprietorship respectively.
- **C.** By a duly authorized representative of the individual designated in paragraph (1)(A) or (1)(B) of this section if:
 - i. Authorization is made in writing by the individual described in paragraph (1)(A) or (1)(B);
 - **ii.** The authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the industrial discharge originates, such as the position of plant manager, operator of a well, or well field superintendent, or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company; and
 - iii. The written authorization is submitted to the General Manager of the POTW.
- **D.** If an authorization under paragraph (1)(C) of this section is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements of paragraph (1)(C) of this section must be submitted to the General Manager of the POTW prior to or together with any reports to be signed by an authorized representative.

e. RECORD KEEPING

All records and information resulting from the monitoring activities required by this permit, including but not limited to, all records of analyses performed and wastewater discharged, calibration and maintenance of instrumentation, recordings from continuous monitoring instrumentation, and records documenting best management practices compliance, shall be retained for a minimum of three (3) years, or longer if requested by the City of York, Pennsylvania Department of Environmental Protection, or Environmental Protection Agency.

f. VIOLATIONS AND PENALTIES

Violations of this permit may result in a criminal summary offense and penalties as provided for in Section 931.99 of the City of York code. The maximum penalty is \$1,000.00 per violation per day and costs of prosecution. Default in payment may result in imprisonment for not more than thirty (30) days. A civil penalty may be assessed of up to \$25,000 dollars, assessed on a per violation, per day basis. Monthly or other long-term average discharge limits are assessed for each day during the period. A lien against the permittee's property may be sought for unpaid charges and penalties. Violations of this permit may be declared to be a public nuisance, subject to the authority of the City Board of Health, as provided by the Third Class City Code. The City of York may avail itself of enforcement methods provided for by City of York code, and by state and federal law.

g. APPEALS

Whenever the City of York, including the General Manager, takes or proposes to take any administrative action that will affect the rights of the permittee, including but not limited to the issuance or denial of a permit, issuance of an order, temporary or permanent suspension of a permit, or imposition of a civil penalty, the permittee has the right to request an administrative hearing by the Sanitary Sewer Board of Appeals pursuant to Section 931.17 of the City of York code.

h. DILUTION PROHIBITED

The permittee shall not increase the use of process water, or in any way attempt to dilute a discharge, as a partial or complete substitute for adequate treatment to achieve compliance with a discharge limitation unless expressly authorized by an applicable pretreatment standard or requirement.

i. HAZARDOUS WASTES

- 1. The permittee may not discharge to the POTW any hazardous waste which, if otherwise disposed of, would be a hazardous waste under 40 CFR 261 unless written authorization is obtained from the General Manager. It is at the General Manager's discretion to accept such waste. Any request shall include the name of the hazardous waste as set forth in 40 CFR 261, the EPA hazardous waste number, and the type of discharge (continuous, batch, or other) and other information that the General Manager requires to make an informed decision. If the General Manager grants permission to the permittee to discharge such waste, the permittee shall notify the EPA Regional Waste Management Division and Pennsylvania Hazardous Waste authorities in writing in accordance with applicable federal and state requirements. Any such notification submitted to the EPA Regional Waste Management Division and Pennsylvania Hazardous Waste authorities shall be copied to the General Manager. This notification requirement does not apply to pollutants already reported under the self-monitoring requirements of Article 931 of the City of York code.
- 2. The permittee shall allow the General Manager, or duly authorized representatives, to inspect hazardous waste generation, treatment, storage, and disposal procedures, and the records generated from the management of hazardous waste.

j. MANAGEMENT REQUIREMENTS

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant more frequently than, or at a level in excess of, that identified and authorized by this permit shall constitute a violation of the terms and conditions of this permit. The permittee must promptly notify the General Manager of any anticipated change in the facility's discharge, volume (increase or decrease), pretreatment, concentration, character, point of discharge or the addition or removal of manufacturing processes or the manufacture of products at the facility. This permit may then be modified or reissued to reflect such changes. A violation may result in the imposition of criminal and civil penalties as provided for in Section 931.99 of the City of York code.

k. PERMIT MODIFICATION, TERMINATION

The City of York may seek to terminate the wastewater treatment services to any person and/or revoke and reissue, modify, or terminate this permit in accordance with Article 931 of the City of York code.

I. AVAILABILITY OF REPORTS

Except for information determined to be confidential, information shall be available for public inspection in compliance with 40 CFR 403.14 and Section 931.13 of the City of York code. In accordance with the Pennsylvania Right-to-Know Law, all requests for information shall be submitted to the City of York Right-to-Know Officer.

m. RIGHT OF ENTRY

The General Manager and other duly authorized employees of the City of York bearing proper credentials and identification shall be permitted to enter upon all properties at reasonable times to carry out all inspection, surveillance, observation, measurement, monitoring procedures, sampling and testing necessary to determine, independent of information supplied by the permittee, compliance or noncompliance with applicable pretreatment standards and requirements and ordinance requirements. The General Manager shall have the right to enter any premises of the permittee in which a discharge source or treatment system is located, or in which records are required to be kept under 40 CFR 403.12(o), to ensure compliance with pretreatment standards or requirements, any wastewater discharge permit, the requirements of this ordinance, or an order issued hereunder. The permittee shall allow the General Manager ready access to all parts of the premises for the purposes of inspection, sampling, records examination and copying, and the performance of any additional duties. The authority of the General Manager shall be at least as extensive as the authority provided under Section 308 of the Clean Water Act. Additional access to premises and right of entry requirements are found in Section 931.04 of the City of York code.

n. PROPERTY RIGHTS

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize an injury to private property, invasion of personal rights or any infringement of Federal, State, or local laws or regulations, nor does it authorize or approve the construction of any onshore or offshore physical structures or facilities or the undertaking of any work in any navigable waters.

o. FACILITY OPERATION AND QUALITY CONTROL

All waste collection, control, treatment and disposal facilities shall be operated in a manner consistent with the following:

- 1. At all times, all facilities shall be operated as efficiently as possible in a manner which will minimize upsets and discharges of excessive pollutants.
- 2. The permittee shall provide an adequate operating staff which is fully qualified to carry out the operation, maintenance and testing functions required to insure compliance with the conditions of this permit.

p. SLUG DISCHARGE, UPSETS AND/OR SPILLS

The permittee shall notify the General Manager immediately of any planned or unplanned discharge of waste of unusual strength, volume or other characteristics, whether or not such discharge is in violation of the wastewater discharge permit. If a spill or system upset occurs, the permittee shall complete a spill/upset form and submit the form to the General Manager within five (5) days of the event. Whenever changes are made at the facility that may affect the potential for a slug discharge to occur, the permittee shall notify the General Manager in advance, if possible, or within twenty-four (24) hours of making such changes.

q. CIVIL AND CRIMINAL LIABILITY

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

r. SOLIDS DISPOSAL

Screenings, slurries, sludges, and other solids shall be disposed of in accordance with local, state and federal law.

s. TRANSFER OF OWNERSHIP OR CONTROL

In the event of any change in control or ownership of facilities from which the authorized discharges emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the General Manager. Industrial wastewater discharge permits are issued to a specific person for a specific operation. A wastewater discharge permit shall not be reassigned, transferred, sold, applied to different premises or a new or changed operation without the written approval of the General Manager.

t. SEVERABILITY

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

u. STANDARDS AND REQUIREMENTS

This permit does not relieve the permittee of any limits or requirements of local, state or federal law. Where such law may impose more stringent requirements or additional requirements then these shall be part of the permit whether stated or not.

v. REOPENER CLAUSE

As provided by Section 931.03(g) of the City of York Code, this permit may be modified to include new or different permit conditions if new information, (such as future water quality studies or wasteload allocation determinations) or new state or federal regulations, require different conditions. Modifications made during the term of the permit are subject to the notice and opportunity for appeal provisions of Sections 931.03(h) and 931.17 of the City of York Code.

PART C - SPECIAL CONDITIONS

a. COMPLIANCE

- 1. The permittee shall comply with Article 931 of the City of York code, 40 CFR Part 403 (General Pretreatment Regulations for Existing and New Sources of Pollution), and any federal categorical pretreatment regulations and state regulations that may be applicable.
- 2. The permittee shall notify the General Manager before any additional processes are added to, or removed from, the facility, whether wastewater is Discharge from these additional processes or not.

b. NOTIFICATION

- 1. The permittee shall notify the General Manager of any significant changes to the facility's operations or system that might alter the nature, quality or volume of its wastewater at least thirty (30) days before the anticipated change. Notice of slug discharge shall be provided immediately to the General Manager. Whenever changes are made at a facility that may affect the potential for a slug discharge to occur, the permittee shall notify the General Manager in advance, if possible, or within twenty-four (24) hours of making such changes.
- 2. Permit application information shall be updated at the request of the General Manager. In response to new or changed information, this Permit may be revised to include additional monitoring or reporting requirements pursuant to 40 CFR 403.12 and Article 931 of the City of York code.

c. SELF-MONITORING

1. The permittee shall submit Self-Monitoring Reports to the General Manager at the address listed in Part A subsection c. "Reporting Requirements, Reporting of Monitoring Results" of this permit according to the following schedule:

Self-Monitoring Report	Covers Activities From	<u>Is Due On</u>
1 st Quarter (January, February, March)	January 1 through March 31	April 30
2 nd Quarter (April, May, June)	April 1 through June 30	July 31
3 rd Quarter (July, August, September)	July 1 through September 30	October 31
4 th Quarter (October, November, December)	October 1 through December 31	January 31

2. The permittee's Self-Monitoring Report shall provide all required information including, but not limited to, results of testing indicated in Part A subsection b. "Monitoring Requirements" of this permit, the amount and type of residual wastes removed offsite, and the certification of Part B subsection c.4. of this permit. Copies of transport receipts and/or waste manifests shall be made available upon request of the General Manager or duly authorized representatives.

d. FLOW METERS AND CALIBRATION

1. A wastewater flow meter is required. Any wastewater flow meters shall be calibrated annually, at a minimum. Proof of calibration for each wastewater meter shall be submitted to the General Manager and shall include the type, model, serial number, and location of meter(s) in the facility, and include documentation from the calibration

provider. Proof of flow meter calibration shall be submitted annually by December 1 to the address listed in Part A subsection c. "Reporting Requirements, Reporting of Monitoring Results" of this permit.

2. The permittee shall notify the General Manager in writing if wastewater flow meters are added, removed or replaced at the facility.

e. MARCELLUS SHALE, RELATED WASTEWATERS

- 1. The permittee shall not accept the following wastewaters, either with or without pretreatment, for disposal to the POTW: any oil and/or gas well related drilling, fracturing, cleaning, maintenance or production wastewaters from the Marcellus Shale or from other geologic deposits or formations where similar extraction technology is employed or where resultant wastewater is characteristically similar to Marcellus Shale wastewaters. Such wastewaters shall not be discharged to the sanitary sewer system under this permit whether pretreated or not. Such wastes have the potential to cause interference with the operation of the POTW, adversely affect the use or disposal of municipal sludge, or introduce pollutants that will pass-through the treatment works or otherwise be incompatible with such works, including inhibition of the biologic treatment process.
- 2. Should the permittee wish to accept such wastes for disposal to the POTW, the permittee shall complete a new permit application and notify the General Manager at least three (3) years before planned acceptance of such wastes. This time frame approximates the minimum necessary for the POTW to meet its regulatory obligations to address federal and state requirements, including: development, approval and adoption of local limits for the pollutants of concern which include, but are not limited to, chlorides, total dissolved solids, sulfates, radionuclides, and metals not currently regulated by a local limit; and determination of the assimilative capacity of the receiving stream and/or watershed for the pollutants of concern.
- 3. The permittee is informed that an industrial wastewater discharge permit allowing the discharge of such oil and gas drilling related wastewaters and including appropriate local limits for pollutants of concern cannot be issued until USEPA has approved any proposed pretreatment program local limit amendments, and the new proposed local limits have been adopted finally (i.e., amendment of the sanitary sewer ordinance, approval by USEPA after federal public notification).

Appendix 7.

DOT Hazardous Materials Certificate of Registration

UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION



HAZARDOUS MATERIALS CERTIFICATE OF REGISTRATION FOR REGISTRATION YEAR(S) 2016-2017

Registrant: ENVIRITE OF PENNSYLVANIA INC Attn: KARLA A. MERCER 730 VOGELSONG ROAD YORK, PA 17404

This certifies that the registrant is registered with the U.S. Department of Transportation as required by 49 CFR Part 107, Subpart G.

This certificate is issued under the authority of 49 U.S.C. 5108. It is unlawful to alter or falsify this document.

Reg. No: 062116 551 083Y	Effective: 07/01/2016	Expires: 06/30/2017
HM Company ID: 032747		

Record Keeping Requirements for the Registration Program

The following must be maintained at the principal place of business for a period of three years from the date of issuance of this Certificate of Registration:

(1) A copy of the registration statement filed with PHMSA; and

(2) This Certificate of Registration

Each person subject to the registration requirement must furnish that person's Certificate of Registration (or a copy) and all other records and information pertaining to the information contained in the registration statement to an authorized representative or special agent of the U. S. Department of Transportation upon request.

Each motor carrier (private or for-hire) and each vessel operator subject to the registration requirement must keep a copy of the current Certificate of Registration or another document bearing the registration number identified as the "U.S. DOT Hazmat Reg. No." in each truck and truck tractor or vessel (trailers and semi-trailers not included) used to transport hazardous materials subject to the registration requirement. The Certificate of Registration or document bearing the registration number must be made available, upon request, to enforcement personnel.

For information, contact the Hazardous Materials Registration Manager, PHH-52, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation, 1200 New Jersey Avenue, SE, Washington, DC 20590, telephone (202) 366-4109.

Appendix 8.

PA DEP AQD Air Permit

ENVIRITE OF PAINC/EQ PA

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION AIR QUALITY PROGRAM

		AILQUALITIFICOUV					
		STATE ONLY OPERATII	NG PERMIT		en in de s		
Issue Date:	September 30, 2013		Effective Date:	October 1, 2013			
Expiration Date:	September 30, 2018			· · · · · · · · · · · · · · · · · · ·	-		
In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.							
The reguin this pe	ulatory or statutory authority ermit are federally enforceal	for each permit condition ple unless otherwise desig	is set forth in bra gnated.	ackets. All terms and conditions			
		State Only Permit No: 6	7-03043		·		
	Fe	deral Tax ld - Plant Code:	23-2868971-1				
Nan Mailing Addre	ne: ENVIRITE OF PAINC ss: 730 VOGELSONG RD YORK, PA 17404-6707	Owner Informati	on .				
		Plant Informatio	n				
Plant: ENVI	RITE OF PA INC/EQ PA			at and a face of the second of the second and and and and and and and and a second and a second and and a second			
Location: 67	York County		67001 York (City			
SIC Code: 4953	Trans. & Utilities - Refuse	Systems					
		Responsible Offi	cial				
Name: S. BRA	ADLEY CUMMOCK						
Title: GENE	RAL MANAGER						
Phone:(717) 8	349 - 2101						
		Permit Contact Pe	rson				
Name: KARLA	AMERCER	andaaniiniiniinii 700 aanuu 2000 Sumunii Cumh an Gall Adaaniiniinii		, Amananantahanahatan daran dia dia dia dia maraharaha dia dia dia dia dia dia dia dia dia di	un de provinsi en		
Title: QUALI	TY EHS MANAGER						
Phone: (717) 8	349 - 2114		•				
[Signature] WILLIAMR. WEA	Ulliam R-Wea VER, SOUTHCENTRAL RI	VENT	NAGER				

67-03043

Appendix 9.

Permit List



Envirite of Pennsylvania (dba US Ecology York) 730 Vogelsong Road York, PA 17404 PAD 010 154 045

INDUSTRIAL WASTEWATER CONTRIBUTION PERMIT (POTW)

Issued by: Permit #: Date Effective: Date of Expiration: City of York, Department of Public Works CYP-0005 October 01, 2015 September 30, 2018

STORMWATER DISCHARGE PERMIT (NPDES General Permit PAG-03)

Issued by:Pennsylvania Department of Environmental ProtectionPermit #:PAR 403503Date Effective:June 1, 2015Date of Expiration:May 31, 2020

AIR PERMIT - STATE ONLY OPERATING PERMIT

Issued by: State Only Permit #: Date Issued: Date Effective: Date of Expiration: Pennsylvania Department of Environmental Protection 67-03043 September 30, 2013 October 1, 2013 September 30, 2018

DOT HAZARDOUS MATERIALS REGISTRATION

Issued by: Registration #: Date Issued: Date of Expiration: United States Department of Transportation 061815 550 014X June 18, 2015 June 30, 2016

PART A PERMIT APPLICATION

Current Update Submitted:

March 2009

RCRA PART B PERMIT RENEWAL

Issued by: APS ID #: EPA ID/Permit #: Date Effective: Date of Expiration:

ISO Certifications

ISO 14001:2004 NSF Cert No: 6S202-EM8-C0066982 Issue Date: May 27, 2015 Expiration Date: May 07, 2018 Pennsylvania Department of Environmental Protection 465670 PAD010154045 February 17, 2006 February 17, 2016

ISO 9001:2008

OHSAS 18001:2007

NSFNSFCert No: 6S202-IS8-C0066982CertIssue Date:May 27, 2015IssueIssueExpiration Date:May 07, 2018Expiration Date:May 07, 2018

Cert Number: 6S202-EM8-60066982Issue Date:May 27, 2015Expiration Date:May 07, 2018

Appendix 10.

Waste Profile Form



WASTE PROFILE FORM

For assistance in completing this document or for additional information on service offerings, please visit our website at <u>www.usecology.com</u>, or call 800-592-5489.

US Ecology will choose the appropriate facility and method of waste management for your waste from the technologies offered at each operation.

If you wish to direct this waste to a specific facility(s) or treatment technology please indicate here:

Waste Common Name:

Section 1 – Generator & Customer Information							
Generator EPA ID #	Internal Use Only: EQ Division						
NAICS/SIC Code	EQ Customer No.						
Generator	Invoicing Company						
Facility Address	Address						
City State Zip	City State Zip						
24-hour Emergency Response Number	Country						
	Invoicing Contact						
Mailing Address	Phone Fax						
City State Zip	Technical Contact						
Generator Contact	Phone Fax						
Title	Cell Phone						
Phone Fax	E-mail						
E-mail							
Section 2 – Shipping	& Packaging Information						
2.1) Shipping Volume & Frequency:a) Volume of Waste to be Shipped:							
b) Frequency: 🗌 One time 🗌 Month 🔲 Year 🛛	Other:						
2.2) DOT Informationa) Is this a U.S. Department of Transportation (US)	DOT) Hazardous Material? 🗌 Yes 🗌 No						
b) If "Yes", indicate the proper shipping name per 49CFR 172.101 Hazardous Materials Table:							
Section 3 – S	Special Properties						
3.1) Color							
3.2) Odor None Ammonia Amines Merce	captans 🗌 Sulfur 🗌 Organic Acid 🗌 Amines/Ammonia						
3.3) Consistency at 70°F: Solid Dust/Powder	Debris 🔲 Sludge 🔛 Liquid 🔛 Gas/Aerosol 🗌 Varies						
3.4) What is the pH? <a>) ∏ 10.1 – 12.4 ∏ >12.5 ∏ N/A						
3.5) What is the flash point? $\square < 90^{\circ}F$ $\square 90-13$	4) What is the pH? ≤ 2 $\leq 2.1-4.9$ $\leq 5-10$ $10.1-12.4$ ≥ 12.5 \mathbb{N}/\mathbb{A} 5) What is the flash point? $\leq 90^{\circ}F$ $90-139^{\circ}F$ $140-199^{\circ}F$ $>200^{\circ}F$ \mathbb{N}/\mathbb{A}						

3.6) Does this waste exhibit any of the following properties? (check all that apply)

5.0) Does this waste o	exhibit any of the	onowing propert		y)	
None Speck Sonsitive	None Free Liquids		Metal Fines Dioxins	Water Reactive	Biohazard
\square Aspestos – non-fri		y nesiuue			
Biodegradable So	rbents Pvi			Beactive Cvanide	
Temperature Cont	rolled Organic Pe	roxide			
· · ·	Section	4 – Compos	ition and Generatin	g Process	
4.1) Provide a physica	al and chemical co	omposition of the	e waste (e.g. soil, water, F	PPE, debris, etc.). List th	e percent ranges
of the material, either	estimated or know	vn.			
to	%	to	%		
to	%	to	%		
to	%	to	%		
4.2) Provide a descrip	tion of the genera	ting process. Re	emediation & IDW Sites:	olease provide a site his	tory.
4.3) Are there any kno *If yes, descri	own previous han be:	dling or treatmer	nt issues involving this wa	aste? 🗌 Yes*	🗌 No
		Section 5 -	- Hazardous Wastes	6	
As determined by 40) CFR, Part 261 a	nd State Rules	Please	list applicable waste o	code(s):
5.1) Is this waste exer	mpted from RCRA	\?	Yes, please provide	exemption:	10
5.2) Is this an <u>EPA R(</u> a) For F006–F009,	<u>CRA listed</u> hazard F012, does this c	ous waste (F, K, ome from a gene	P or U)? Yes	: INO Anide plating process?	□Yes □No
5.3) Is this an EPA RO	CRA characteristic	hazardous was	te (D001-D043)? 🗌 Yes	: 🗌 No	
5.4) Do any <u>State Spe</u>	ecific Hazardous V	Vaste Codes ap	ply? 🗌 Yes	: 🗌 No	
If you answered 'no' to	5.2, 5.3 and 5.4, p	lease proceed to	Section 6.		
5.5) EPA Source Cod	e: EPA F	orm Code:			
5.6) Waste Code Dete Analysis and/or N	ermination Is Base ISDS may be requ	ed On: uired for review a	Generator Knowled	ge	MSDS MSDS
5.7) Does this waste	exceed <u>Land Disp</u>	osal Restriction	levels?	Yes	s 🗌 No
a) Is this strea	am a wastewater	(WW) or non-wa	stewater (NWW)?		
b) If this wast	e stream is greate	r than 50% soil,	does it meet the alternat	ive soil	
treatment s	standards of 40CF	R 268.49? Iter than 50% de	bris by volume?		
(Debris is g	reater than 2.5 in	ches in size.)	iono, by volume.		
d) If the debri	s is larger than 3 t	t x 3 ft x 3 ft, ple	ase provide the approxim	nate dimensions and we	ight:
5 8) If this is a charac	teristic hazardous	waste does it c	ontain Underlying Hazar	dous Constituents?	□ Yes* □ No
*If Ves nless	e list				
11 100, picao	o				

For a complete list of UHC constituents, please refer to 40 CFR 268.48

	Section 6 – Non-H	lazardous Wastes Please	e list applicable	waste code(s):
 6.1) Do any <u>State Specific</u> 6.2) Is this a <u>Universal (U</u> 6.3) Is this waste used oil a) If yes, is the toi b) If yes, what is t This This This 	Non-Hazardous Waste Codes app NIV) waste or a Recyclable Good (F as defined by 40 CFR Part 279? tal halogen content of the used oil w the source of the halogen content? is a metalworking oil/fluid containing is used oil contaminated with chloro oil contains halogenated solvents. L r. describe:	Ily? Yes No <u>AG</u>)? UNIV Yes No vaste stream greater than 1, chlorinated paraffins. fluorocarbons from refrigera ist specific solvents:	RG ,000 ppm? ation units.	☐ N/A ☐ Yes ☐ No
	Section 7 – TS	CA Information		
 7.1) What is the concentra 7.2) Does the waste conta <i>If you answered "none" or</i> 7.3) Has this waste been *If yes, what was 7.4) Is this non-liquid PCE 7.5) Are you a PCB capace 7.6) Has the PCB Article (been drained/flushed of a 	ation of PCBs in the waste? ain PCB contamination from a source " 0-49 ppm" to 7.1 and "no" to 7.2, p processed into a non-liquid form? the concentration of PCBs prior to p b waste in the form of soil, rags, deb citor manufacturer or a PCB equipm (e.g., transformer, hydraulic machine II PCBs and decontaminated in accord	None \bigcirc 0-49 ppm we with a concentration \geq 50 <i>lease proceed to Section 8.</i> processing? ris, or other contaminated n ent manufacturer? e, PCB-contaminated electro prodance with 40 CFR 761.60	50-499 ppm ppm? Yes 0-499 ppm nedia? ical equipment) 0(b)? N/A	 □ 500+ ppm No □ Unknown □ Yes*□ No □ 500+ ppm □ Yes □ No □ Yes □ No □ Yes □ No
	Section 8 – Clean	Air Act Information		
8.1) Is this waste subject8.2) Is this waste subject8.3) Is the site, or waste, s	to regulation under 40 CFR, Part 26 to regulation under 40 CFR, Part 63 subject to any other NESHAP/MAC ⁻	4, Subpart CC (VOC > 500 , Subpart DD (VOHAP > 50 T standard(s)?	ppmw)? 10 ppmw)?	☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes* No
*If Yes this document serv accordance with Part	/es as notification that this waste co 61 - 62 - 63 Subpart of N	ntains chemicals , ESHAP/MACT standards.	required to	be managed in
8.4) Does this waste streat<i>If you answered "no" to</i>8.5) Does the waste streat	am contain Benzene? <i>8.4, please proceed to Section 9.</i> Im come from a facility subject to 40	CFR 61, Subpart FF (Benz	ene NESHAP)?	🗌 Yes 🗌 No
	Yes, please provide the S	SIC/NAICS code:	🗌 No	
<i>If you answered "no" to</i> 8.6) Does your facility ma	questions 8.5, please proceed to nage the waste subject to Benzene	Section 9. NESHAP in a manner othe	r than shipping o	ff-site?
	Yes, please specify:	🗌 No		
8.7) Is the generating sou8.8) Does the waste conta8.9) What is the TAB quar	rce of this waste a facility with Total ain >10% water? ntity for your facility? Mg/Y	Annual Benzene (TAB) <u>></u> 10 ear	0 Mg/year?	☐ Yes ☐ No ☐ Yes ☐ No
8.10) What is the total Ber Supporting analysis mu include 8020, 8240, 8260	nzene concentration in your waste? st be attached. Do not use TCLP D, 602 and 624.	Percent or pr analytical results. Accepta	omw. able laboratory	methods
	Section 9 –	Certification		
I certify that all information (inc pertaining to the waste describe and give verbal permission. I au that, if EQ approves the waste behalf shall be subject to, and G	luding attachments) is complete and factua d herein. I authorize EQ's personnel to add s thorize EQ's personnel to obtain a sample fr described herein, all such wastes that are generator shall be bound by, the attached Sta	al and is an accurate representation supplemental information to the way om any waste shipment for purpos transported, delivered, or tendered andard Terms and Conditions.	on of the known and aste approval file, pro es of verification and ed to EQ by Generat	I suspected hazards, wided I am contacted confirmation. I agree tor or on Generator's
If I am an agent acting on beh the generator's behalf and tha	alf of the generator, I also certify that I ha tI can produce such certification in writin	ve permission to sign any and a ng upon request.	ll waste characteriz	ation paperwork on
Generator Signature		Printed Name		
Company	Title		_ Date	
CSV-FM-001-COR	© EQ-The Environmental Quality (Company	Page 3 of 4	12/12

STANDARD TERMS AND CONDITIONS

The Agreement between the Customer and EQ – The Environmental Quality Company and/or its member companies (hereinafter "EQ") related to or associated with Delivered Waste, as herein defined, shall be governed by the following Standard Terms and Conditions in addition to the terms and conditions contained in any Waste Profile Form, Customer Approval Quote Confirmation, Generator Approval Notification, Notice of Waste Approval Expiration, and/or Credit Agreement associated with such Delivered Waste.

The Customer may use its standard forms (such as purchase orders, acknowledgments of orders, and invoices) to administer its dealings under this Agreement for convenience purposes, but all provisions thereof in conflict with these terms and conditions shall be deemed stricken.

Definitions

The following definitions shall apply for purposes of this Agreement:

"Acceptable Waste" shall mean any hazardous waste, as defined under applicable State or federal law, determined by EQ as acceptable for treatment and/or disposal in accordance with this Agreement.

"Delivered Wastes" shall mean all wastes (i) which are transported, delivered, or tendered to EQ by the Customer; (ii) which the Customer has arranged for the transport, delivery or tender to EQ; or (iii)) which are transported, delivered, or tendered to EQ under a Credit Agreement between the Customer and EQ.

"Non-Conforming Wastes" shall mean wastes that (a) are not in accordance in all material respects with the warranties, descriptions, specifications or limitations stated in the Waste Profile Form and this Agreement; (b) have constituents or components of a type or concentration not specifically identified in the Waste Profile Form (i) which increase the nature or extent of the hazard and risk undertaken by EQ in treating and/or disposing of the waste, or (ii) for whose treatment and/or disposal a Waste Management Facility is not designed or permitted, or (iii) which increase the cost of treatment and/or disposal of waste beyond that specified in EQ's price quote; or (c) are not properly packaged, labeled, described, or placarded, or otherwise not in compliance with United States Department of Transportation and United States Environmental Protection Agency regulations.

Control of Operations.

EQ shall have sole control over all aspects of the operation of any treatment and/or disposal facility of EQ receiving Delivered Wastes under this Agreement (hereinafter, "Waste Management Facility"), including, without limitation, maintaining EQ's desired volume of Acceptable Wastes being delivered to any Waste Management Facility by the Customer or any other person or entity.

Identification of Waste.

For each waste material to be transported, delivered, or tendered to EQ under this Agreement, the Customer shall provide, or cause to be provided, to EQ a representative sample of the waste material and a completed Waste Profile Form containing a physical and chemical description or analysis of such waste material, which description shall conform with any and all guidelines for waste acceptance provided by EQ. On the basis of EQ's analysis of such representative sample of the waste material and such Waste Profile Form, EQ will determine whether such wastes are Acceptable Wastes. EQ does not make any guarantee that it will handle any waste material or any particular quantity or type of waste material, and EQ reserves the right to the decline to transport, treat and/or dispose of waste material. The Customer shall promptly furnish to EQ any information regarding known, suspected or planned changes in the composition of the waste material. Further, the Customer shall promptly inform EQ of any change in the customer subsequent to the date of the Waste Profile Form.

Non-Conforming Wastes.

In the event that EQ at any time discovers that any Delivered Waste is Non-Conforming Waste, EQ may reject or revoke its acceptance of the Non-Conforming Waste. The Customer shall have seven (7) days to direct an alternative lawful manner of disposition of the waste, unless it is necessary by reason of law or otherwise to move the Non-Conforming Waste prior to expiration of the seven (7) day period. If the Customer does not direct an alternative disposal, at its option, EQ may return any such Non-Conforming Wastes to the Customer, and the Customer shall pay or reimburse EQ for all costs and expenses incurred by EQ in connection with the receipt, handling, sampling, analyses, transportation and return to the Customer of aux or other whatse. If it is impossible or impractical for EQ to return the Non-Conforming Waste to the Customer shall reimburse EQ for all costs, of any type or nature whatsever, incurred by EQ, solely because such Delivered Waste was Non-Conforming Waste (including, but not limited to, all costs associated with any remedial steps necessary, due to the nature of the Non-Conforming Waste, in connection with material with which the Non-Conforming Waste).

Customer Warranty - Acceptable Wastes.

All Delivered Wastes shall be Acceptable Wastes and shall conform in all material respects to the description and specifications contained in the Waste Profile Form. The information set forth in the Waste Profile Form or any manifest, placard or label associated with any Delivered Wastes, or otherwise represented by the Customer or the generator (if other than the Customer) to EQ, is and shall be true, accurate and complete as of the date of receipt of the involved waste by EQ.

Customer Warranty - Title to Wastes.

Either the Customer or the generator (if other than the Customer) shall hold clear title, free of any all liens, claims, encumbrances, and charges to Delivered Waste until such waste is accepted by EQ.

Customer Warranty - Compliance with Laws.

The Customer shall comply with all applicable federal, state and local environmental statutes, regulations, and other governmental requirements, as well as directives issued by EQ from time to time, governing the transportation, treatment and/or disposal of Acceptable Wastes, including, but not limited to, all packaging, manifesting, containerization, placarding and labeling requirements.

Customer Warranty - Updating Information.

If the Customer receives information that Delivered Waste or other hazardous waste described in the Waste Profile Form, or some component of such waste, presents or may present a hazard or risk to persons, property or the environment which was not disclosed to EQ, or if the Customer or generator (if other than the Customer) has changed the process by which such waste results, the Customer shall promptly report such information to EQ in writing.

Customer Indemnity.

The Customer shall indemnify, defend and hold harmless EQ, and its affiliated or related companies, and all of their respective present or future officers, directors, shareholders, employees and agents from and against any and all losses, damages, liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, costs and expenses (including, but not limited to, reasonable costs of defense, settlement, and reasonable attorneys' fees), which may be asserted against any or all of them by any person or any governmental agency, or which any or all of them may hereafter suffer, incur, be responsible for or pay out, as a result of or in connection with bodily injuries (including, but not limited to, death, sickness, disease and emotional or mental distress) to any person (including EQ's employees), damage (including, but not limited to, loss of use) to any property (public or private), or any requirements to conduct or incur expense for investigative, removal or remedial expenses in connection with contamination of or adverse effect on the environment, or any violation or alleged violation of any statues, ordinances, orders, rules or regulations of any governmental entity or agency, caused or arising out of (i) a breach of this Agreement by the Customer, (ii) the failure of any warranty of the Customer to be true, accurate and complete, or (iii) any willful or negligent act or omission of the Customer, or its employees or agents in connection with the performance of this Agreement.

Force Majeure

EQ shall not be liable for any failure to accept, receive, handle, treat, and/or dispose of Delivered Waste due to an act of God, fire, casualty, flood, war, strike, lockout, labor trouble, failure of public utilities, equipment failure, facility shutdown, injunction, accident, epidemic, riot, insurrection, destruction of operation or transportation facilities, the inability to procure materials, equipment, or sufficient personnel or energy in order to meet operational needs without the necessity of allocation, the failure or inability to obtain any governmental approvals or to meet Environmental Requirements (including, but not limited to voluntary or involuntary compliance with any act, exercise, assertion, or requirement of any governmental authority) which may temporarily or permanently prohibit operations of EQ, the Customer, or the Generator, or any other circumstances beyond the control of EQ which prevents or delays performance of any of its obligations under this Agreement.

Governing Laws

This Agreement shall in all respects be governed by and shall be construed in accordance with the laws of the State of Michigan applied to contracts executed and performed wholly within such state.

Bulk Disposal Charges

Quoted bulk disposal charges for solid materials will be billed by the cubic yard, if the waste density is less than 2,000lbs./cubic yard. If waste density is greater than 2,000 lbs./cubic yard, then bulk disposal charges will be billed by the ton, regardless of the approved container.

Appendix 11.

Closure Financial Assurance

DEPARTMENT OF ENVIRONMENTAL PROTECTION

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BUREAU OF OFFICE SERVICES

March 17, 2016

EMAIL ONLY

Karla Mercer U.S. Ecology 730 Vogelsong Road York, PA 17404

Re: Bureau of Waste Management Envirite of Pennsylvania, Inc. Permit No. PAD010154045 Surety Bond No. K0852404A Westchester Fire Insurance Company – January 20, 2016 Increased by \$33,316; for a new total \$781,394

Dear Ms. Mercer:

The Department of Environmental Protection has approved the Surety Bond and Additional Bond Endorsement for the above-referenced surety bond.

Surety Bond No. K08866788 is now increased to the amount of \$781,394. A copy of the approved bond documents is enclosed.

If you have any questions regarding this matter, please contact me by telephone at 717.783.9707 or by email at tajefferso@pa.gov.

Sincerely,

lamy fifturon

Tammy Jefferson Administrative Assistant Division of Contracts, Procurement & Bonding

Enclosure

cc: BWM – SCRO – Don Korzeniewski File

Rachel Carson State Office Building | P.O. Box 8766 | Harrisburg, PA 17105-8766

717.783.9707 | Fax 717.772.5748

www.depweb.state.pa.us

Appendix 12.

Insurance Certificate and MCS-90



USECOLO-01 JHANJOTARKD

A	Ć		ER	TIF		BILI		URANC	E	DATE	(MM/DD/YYYY)
T C E F	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.										
ll tl	MPO he te ertifi	RTANT: If the certificate hold erms and conditions of the polic icate holder in lieu of such endor	eris y, cei seme	an A rtain ent(s)	DDITIONAL INSURED, the policies may require an e	e polic ndorse	y(ies) must b ement. A sta	e endorsed. tement on th	If SUBROGATION IS is certificate does no	WAIVEI t confer), subject to rights to the
PRC	DUCE	R				CONTA NAME:	CT Willis To	owers Wats	on Certificate Cent	er	
Wil	is of	Arizona, Inc.				PHONE	. Ext) (877) 9	45-7378	FAX (A/C. N	o): (888)	467-2378
P.0	. Bo	x 305191				E-MAIL ADDRE	ss: certifica	tes@willis.	com		
Nas	shvill	le, TN 37230-5191					INS	SURER(S) AFFOR	NDING COVERAGE		NAIC #
						INSURE	R A : Greenw	ich Insura	nce Company		22322
INS	JRED					INSURE	_{ER B :} XL Spe	cialty Insur	ance Company		37885
		Envirite of Pennsylvania, In	с.			INSURE	_{ER C :} XL Insu	Irance Ame	erica, Inc.		24554
		730 Vogelsong Rd				INSURE	R D : Allied V	Vorld Assu	rance Company (U	S.) Inc.	19489
		York, PA 17404				INSURE	RE:				
						INSURE	RF:				
	VER	RAGES CER		CATE	ENUMBER:				REVISION NUMBER		
	HIS NDIC/ ERTI XCLU	IS TO CERTIFY THAT THE POLICI ATED. NOTWITHSTANDING ANY F IFICATE MAY BE ISSUED OR MAY JSIONS AND CONDITIONS OF SUCH	ES O EQU PER POLI	F INS IREM TAIN CIES	EURANCE LISTED BELOW F ENT, TERM OR CONDITION THE INSURANCE AFFORI LIMITS SHOWN MAY HAVE	HAVE B N OF A DED B BEEN I	EEN ISSUED ANY CONTRAGY THE POLICI REDUCED BY	TO THE INSU CT OR OTHEF IES DESCRIB PAID CLAIMS	RED NAMED ABOVE FO R DOCUMENT WITH RES ED HEREIN IS SUBJEC	R THE PC SPECT TC T TO ALL	WHICH THIS THE TERMS,
INSF		TYPE OF INSURANCE	ADDL	SUBR	POLICY NUMBER		POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	L	мітѕ	
Α	X	COMMERCIAL GENERAL LIABILITY							EACH OCCURRENCE	\$	1,000,000
		CLAIMS-MADE X OCCUR			GEC000173116		08/01/2016	08/01/2017	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$	500,000
	Х	WA Stop Gap							MED EXP (Any one person)	\$	25,000
									PERSONAL & ADV INJURY	\$	1,000,000
	GEN	N'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE	\$	2,000,000
		POLICY X PRO- JECT X LOC							PRODUCTS - COMP/OP AC	G\$	2,000,000
		OTHER:							SIR	\$	100,000
	AUT								COMBINED SINGLE LIMIT (Ea accident)	\$	1,000,000
B	Х	ANY AUTO			AEC004634201		08/01/2016	08/01/2017	BODILY INJURY (Per perso	n) \$	
		ALL OWNED SCHEDULED AUTOS AUTOS							BODILY INJURY (Per accide	nt) \$	
	Х	HIRED AUTOS X NON-OWNED AUTOS							PROPERTY DAMAGE (Per accident)	\$	
	X	Includes MCS 90 Endt								\$	
	X	UMBRELLA LIAB X OCCUR							EACH OCCURRENCE	\$	25,000,000
B		EXCESS LIAB CLAIMS-MADE			UEC000173616		08/01/2016	08/01/2017	AGGREGATE	\$	25,000,000
		DED X RETENTION \$ 10,000	1							\$	
	AND	EXPLOYERS' LIABILITY Y / N							X STATUTE ER	-	
C	ANY OFF	PROPRIETOR/PARTNER/EXECUTIVE	N / A		RWD3000908-01		08/01/2016	08/01/2017	E.L. EACH ACCIDENT	\$	1,000,000
	(Mar	ndatory in NH)							E.L. DISEASE - EA EMPLO	'EE \$	1,000,000
	DÉS				0205 4002 4 4		00/04/0040	00/04/0047	E.L. DISEASE - POLICY LIN	IT \$	1,000,000
	Equ	ilpment Floater			0305-4603 TA		08/01/2016	08/01/2017	See Addi Cov Schid	:	
DES		FION OF OPERATIONS / LOCATIONS / VEHIC	LES (ACORI	D 101, Additional Remarks Schedu	le, may b	e attached if mor	re space is requir	red)		
Um	orella	a/Excess Policy #UEC000173615 is	not c	over a	ny Pollution Policy.	,		o opuoo io ioquii	,		

CERTIFICATE HOLDER	CANCELLATION
	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE
For Information Purposes	Belinda Los

For Information Purposes

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US ECOLOGY, INC., EQ HOLDINGS DIVISION NAMED INSURED SCHEDULE

EQ Holdings, Inc. EQ The Environmental Quality Company Michigan Disposal, Inc. Wayne Disposal, Inc. EQ Resource Recovery, Inc. EQ Resource Recovery, Inc. (Airport Services Pittsburgh) EQ Resource Recovery, Inc. (Airport Services Minneapolis, MN) EQ Resource Recovery, Inc. (Airport Services Salt Lake City) EQ Industrial Services, Inc. EQ Industrial Services, Inc. (Detroit) EQ Industrial Services, Inc. (Atlanta) EQ Industrial Services, Inc. (Indianapolis) EQ Industrial Services, Inc. (Ohio) EQ Northeast, Inc. Wayne Energy Recovery EQ Detroit, Inc. EQ Detroit, Inc. - (Transfer & Processing) EQ Florida Inc. EQ Mobile Recycling, Inc. Envirite of Ohio, Inc. (DBA - EQ Ohio) EQ Metals Recovery, LLC Envirite of Illinois, Inc. (DBA - EQ Illinois) Envirite of Pennsylvania, Inc. EQ Oklahoma, Inc. EQ Terminal Services Envirite Transportation, LLC RTF Romulus, LLC. EQ Alabama, Inc. Vac-All Services, Inc.

Certificate Addendum

ADDITIONAL COVERAGE SCHEDULE

COVERAGE	LIMITS
POLICY TYPE: Equipment Floater	\$5,000,000 Equipment
CARRIER: Allied World Assurance Company (U.S.) Inc.	\$ 500,000 Leased/Rented
POLICY TERM: 08/01/2016 - 08/01/2017	\$ 200,000 Unscheduled
POLICY NUMBER: 0305-4603 1A	
POLICY TYPE: Contractors Pollution & Professional	Retro Date: 08/01/96
Liability	\$25,000,000 Aggregate
CARRIER: Aspen Specialty Insurance Co.	\$25,000,000 Each Incident
POLICY TERM: 08/01/2016 - 08/01/2017	\$ 100,000 Deductible Per Incident
POLICY NUMBER: ERAFKTK16	
POLICY TYPE: Pollution & Remediation Legal Liability	\$25,000,000 Each Condition
CARRIER: Indian Harbor Insurance Company	\$25,000,000 Aggregate
POLICY TERM: 08/01/2016 - 08/01/2019	\$ 250,000 SIR
POLICY NUMBER: PEC000173506	

ENDORSEMENT FOR MOTOR CARRIER POLICIES OF INSURANCE FOR PUBLIC LIABILITY UNDER SECTIONS 29 AND 30 OF THE MOTOR CARRIER ACT OF 1980

FORM APPROVED OMB No.: 2126-0008

Issued to	Enviri	te of Penr	sylvania, Inc	of	York	, PA		
Dated at	505 Eagle	view Blvd., E	xton, PA 19341	this	29 Tł	4	day o <u>f</u>	July , 2016
Amending	Policy No.	UEC00017	3616	Effectiv	e Date	8/1/2016		
Name of In	surance Co	mpany	XL Specialty Insurance Co					

Countersigned by

\frown	10-
100	able for
/	•

ł

Authorized Company Representative

The policy to which this endorsement is attached provides primary or excess insurance, as indicated by "[X]," for the limits shown:

[] This insurance is primary and the company shall not be liable for amounts in excess of \$ for each accident.

[x] This insurance is excess and the company shall not be liable for amounts in excess of \$ 4,000,000 for each accident in excess of the underlying limit of \$ 1,000,000 for each accident.

Whenever required by the Federal Motor Carrier Safety Administration (FMCSA), the company agrees to furnish the FMCSA a duplicate of said policy and all its endorsements. The company also agrees, upon telephone request by an authorized representative of the FMCSA, to verify that the policy is in force as of a particular date. The telephone number to call is (800) 688-1840.

Cancellation of this endorsement may be effected by the company or the insured by giving (1) thirty-five (35) days notice in writing to the other party (said 35 days notice to commence from the date the notice is mailed, proof of mailing shall be sufficient proof of notice), and (2) if the insured is subject to the FMCSA's registration requirements under 49 U.S.C. 13901, by providing thirty (30) days notice to the FMCSA (said 30 days notice to commence from the date the notice is received by the FMCSA at its office in Washington, D.C.).

DEFINITIONS AS USED IN THIS ENDORSEMENT

Accident includes continuous or repeated exposure to conditions or which	Environmental Restoration means restitution for the loss, damage, or
results in bodily injury, property damage, or environmental damage which the	destruction of natural resources arising out of the accidental discharge,
insured neither expected nor intended.	dispersal, release or escape into or upon the land, atmosphere, watercourse,
Motor Vehicle means a land vehicle, machine, truck, tractor, trailer, or	or body of water, of any commodity transported by a motor carrier. This shall
semitrailer propelled or drawn by mechanical power and used on a highway	include the cost of removal and the cost of necessary measures taken to
for transporting property, or any combination thereof.	minimize or mitigate damage to human health, the natural environment, fish,
Bodily Injury means injury to the body, sickness, or disease to any person,	shellfish, and wildlife.
including death resulting from any of these.	Public Liability means liability for bodily injury, property damage, and
Property Damage means damage to or loss of use of tangible property.	environmental restoration
The insurance policy to which this endorsement is attached provides	company from liability or from the payment of any final judgment, within the
automobile liability insurance and is amended to assure compliance by the	limits of liability herein described, irrespective of the financial condition,
insured, within the limits stated herein, as a motor carrier of property, with	insolvency or bankruptcy of the insured. However, all terms, conditions, and
Sections 29 and 30 of the Motor Carrier Act of 1980 and the rules and	limitations in the policy to which the endorsement is attached shall remain in
regulations of the Federal Motor Carrier Safety Administration (FMCSA).	full force and effect as binding between the insured and the company. The
In consideration of the premium stated in the policy to which this endorsement	insured agrees to reimburse the company for any payment made by the
is attached, the insurer (the company) agrees to pay, within the limits of	company on account of any accident, claim, or suit involving a breach of the

been obligated to make under the provisions of the policy except for the agreement contained in this endorsement.

It is further understood and agreed that, upon failure of the company to pay any final judgment recovered against the insured as provided herein, the judgment creditor may maintain an action in any court of competent jurisdiction against the company to compel such payment. The limits of the company's liability for the amounts prescribed in this endorsement apply separately to each accident and any payment under the policy because of any one accident shall not operate to reduce the liability of the company for the payment of final judgments resulting from any other accident.

public liability resulting from negligence in the operation, maintenance or use

Sections 29 and 30 of the Motor Carrier Act of 1980 regardless of whether or

not each motor vehicle is specifically described in the policy and whether or

not such negligence occurs on any route or in any territory authorized to be

served by the insured or elsewhere. Such insurance as is afforded, for public

liability, does not apply to injury to or death of the insured's employees while

engaged in the course of their employment, or property transported by the

insured, designated as cargo. It is understood and agreed that no condition.

provision, stipulation, or limitation contained in the policy, this endorsement,

or any other endorsement thereon, or violation thereof, shall relieve the

of motor vehicles subject to the financial responsibility requirements of

THE SCHEDULE OF LIMITS SHOWN DOES NOT PROVIDE COVERAGE. The limits shown in the schedule are for information purposes only.

SCHEDULE OF LIMITS—PUBLIC LIABILITY					
Type of carriage	Commodity transported	Jan. 1, 1985			
(1) For-hire (In interstate or foreign commerce, with a	Property (nonhazardous)	\$ 750,000			
gross vehicle weight rating of 10,000 or more pounds).					
(2) For-hire and Private (In interstate, foreign, or	Hazardous substances, as defined in 49 CFR	\$5,000,000			
intrastate commerce, with a gross vehicle weight rating	171.8, transported in cargo tanks, portable tanks,				
of 10,000 or more pounds).	or hopper-type vehicles with capacities in excess				
	of 3,500 water gallons; or in bulk Division 1.1, 1.2,				
	and 1.3 materials, Division 2.3, Hazard Zone A, or				
	Division 6.1, Packing Group I, Hazard Zone A				
	material; in bulk Division 2.1 or 2.2; or highway				
	route controlled quantities of a Class 7 material, as				
	defined in 49 CFR 173.403				
(3) For-hire and Private (In interstate or foreign	Oil listed in 49 CFR 172.101; hazardous waste,	\$1,000,000			
commerce, in any quantity; or in intrastate commerce,	hazardous materials, and hazardous substances defined				
in bulk only; with a gross vehicle weight rating of	in 49 CFR 171.8 and listed in 49 CFR				
10,000 or more pounds).	172.101, but not mentioned in (2) above or (4)				
	below.				
(4) For-hire and Private (In interstate or foreign	Any quantity of Division 1.1, 1.2, or 1.3 material;	\$5,000,000			
commerce, with a gross vehicle weight rating of less	any quantity of a Division 2.3, Hazard Zone A, or				
than 10,000 pounds).	Division 6.1, Packing Group I, Hazard Zone A				
	material; or highway route controlled quantities of a				
	Class 7 material as defined in 49 CFR 173.403.				

SCHEDULE OF LIMITS—PUBLIC LIABILITY

Appendix 13.

List of Acceptable Waste Codes

PERMITTED HAZARDOUS WASTE CODES Envirite of Pennsylvania, Inc. PAD 010 154 045

	CHARACTERISTIC WASTE											
D001	A	D005 A	D009 A	D013 A	D017 A	A D021 A	A D025 A	D029 /	A D033	A D037 A	D041	А
D002	A I	D006 A	D010 A	D014 A	D018 A	A D022 A	A D026 A	D030	A D034	A D038 A	D042	Α
D003	A	D007 A	D011 A	D015 A	D019 A	A D023 A	A D027 A	D031	A D035	A D039 A	D043	А
D004	A	D008 A	D012 A	D016 A	D020 A	A D024 A	A D028 A	D032	A D036	A D040 A		
			H	AZARDO	OUS WAS	STE FROM	NON-SPEC	CIFIC SOU	RCES			
F	001 A	F004 A	F007 A	F010	A l	F019 A	F022 D	F025 A	F028 D	F035 A	F039 A	
F(002 A	F005 A	F008 A	F011		F020 D	F023 D	F026 D	F032 A	F037 A		
F	003 A	F000 A	F009 A	FU12			FU24 A		F034 A	F038 A		
L	2001 4	K017	V V02		DOUS N K047 D	ASIE FKU	VM SPECIF		. ES	Z150 A	V178 A	
r k	K001 A	K017 /	A K03	2 A 3 A	K047 D K048 A	K080 A K087 A	K105 /	A KI	24 A F 25 A F	(150 A (151 A	K178 A	
ŀ	K003 A	K019 A	A K03	4 A	K049 A	K088 A	K107	A K1	26 A F	K156 A		
ŀ	K004 A	K020 A	А К03	5 A	K050 A	K093 A	K108.	A K1	31 A F	K157 A		
k	K005 A	K021 A	A K03	6 A	K051 A	K094 A	K109	A K1	32 A K	K158 A		
r L	K006 A	K022 A	A K03	/ A % ^	K052 A	K095 A	K110.	A KI.	36 A F 41 A L	X159 A		
r k	K007 A	K024 A	A K03	9 A	K060 A	K090 A K097 A	K1112	A KI	42.A K	(16) B		
ŀ	K009 A	K025 A	A K04	0 A	K062 A	K098 A	K113	A K1	43 A F	K170 A		
ŀ	K010 A	K026 A	А К04	1 A	K069 A	K099 A	K114	A K1	44 A F	K171 A		
ŀ	K011 B	K027 H	B K04	2 A	K071 A	K100 A	K115 .	A K1	45 A F	K172 A		
k L	K013 B	K028 A	A K04	3 A 4 D	K073 A	K101 A	K116 .	A V1	47 A L	K174 A		
r k	K014 A	K029 F K030 F	A K04 A K04	4 D 5 R	K085 A K084 A	K102 A K103 A	K117	A KI	47A F 18A K	C175 A C176 A		
ŀ	K016 A	K030 /	A K04	6 A	K085 A	K104 A	K110 .	A KI	49 A F	K177 A		
DISC	CARDEL	D COMME	ERCIAL CH	IEMICAI	PRODU	CTS. OFF	-SPECIFIC	ATION SP	ECIES. CO	NTAINER I	RESIDUE	AND
					SPIL	L RESIDU	ES THERE	0F	,			
P001 B	P012	2 B P02	4 B P03	8 B P)49 B	P060 B	P071 B	P085 B	P099 B	P112 D	P127 B	P198 B
P002 B	P013	3 B P02	6 B P03	9 B P	050 B		P072 B	P087 B	P101 B	P113 B	P128 B	P199 B
P003 B	P014	4 B P02	7 B P04	0 B P	051 B	P062 B	P073 B	P088 B	P102 B	P114 B	P185 B	P201 B
P004 B	P01:	5 B P02	8 B P04	1 B		P063 D	P074 B	P089 B	P103 B	P115 B	P188 B	P202 B
P005 B	P010	6 B P02	9 B P04	2 D		P064 B	P075 B	P092 D	P104 B	P116 B	P189 B	P203 B
P006 C,D	POT	/B P03	0 B P04	3B P()54 B	P065 C,D	P076 B	P093 B	P105 B	PII8 B	P190 B	P204 B
P007 B	P010	8 B P03	3 B P04	4B 5B D)56 B	P000 B P067 B	P077 B	P094 B P005 B	P100 B P108 B	P119 B P120 B	P191 B D102 B	P205 B
P009 D	P02	1 B P03	4 B P04	6B P)57 B	P068 B	P081 D	P096 B	P109 B	P121 B	P194 B	
P010 B	P02	2 B P03	6 B P04	7B P)58 B	P069 B	P082 B	P097 B	P110 B	P122 D	P196 B	
P011 B	P02.	3 B P03	7 B P04	8 B P)59 B	P070 B	P084 B	P098 B	P111 B	P123 B	P197 B	
11001 4	LIO			071 4	11002 4	11117 A	11140 4	111(2)	11105 4	11210 4	11220 4	11205 4
U001 A	002	24 A UU 25 A UU	04/A U	071A 072 A	U095 A	U117 A U118 A	U140 A U141 A	U162 A U163 A	U185 A U186 A	U210 A U211 A	U239 A U240 A	U395 A
U002 A	100	25 A U(048 A U	072 A	U094 A	U118 A	U141 A	U164 A	U180 A U187 A	U211 A	U240 A U243 A	U404 A
U004 A	U02	27 A U)50 A U	074 A	U096 C.D	U120 A	U143 A	U165 A	U188 A	U214 A	U244 A	U410 A
U005 A	U02	28 A U()51 A U	075 A	U097 A	U121 A	U144 A	U166 A	U189 C,I	D U215 A	U246 A	U411 A
U006 C,D	U02	29 A U(052 A U	076 A	U098 A	U122 A	U145 A	U167 A	U190 A	U216 A	U247 A	
U007 A	U03	30 A U	053 A U	077 A	U099 A	U123 A	U146 A	U168 A	U191 A	U217 A	U248 A	
U008 A	U03	31 A U(055 A U	078 A	U101 A	U124 A	U147 A	U169 A	U192 A	U218 A	U249 A	
U009 A	U03	32 A U(056 A U	079 A	U102 A	U125 A	U148 A	U170 A	U193 A	U219 A	U271 A	
U010 A	U03	33 A U(057 A U	080 A	U103 A	U126 A	U149 A	U171 A	U194 A	U220 A	U278 A	
U011 A	U03	34 A U(158 A U	081 A	U105 A	U127 A	U150 A	U172 A	U196 A	U221 A	U279 A	
U012 A	U0.	35 A UU	159 A U	082 A 083 A	U106 A U107 A	U128 A U129 A	U151 A U152 A	U175 A	U197 A	U222 A U223 C D	U280 A	
U015 A	100	37 A II)61A U	084 A	U108 A	U129 A U130 A	U152 A	U176 A	U200 A	U225 C,D	U353 A	
U016 A	U01	38 A 110)62A U	085 A	U109 A	U131 A	U154 A	U177 A	0201 A	U226 A	U359 A	
U017 A	U03	39 A U)63 A U	086 A	U110 A	U132 A	U155 A	U178 A	U203 A	U227 A	U364 A	
U018 A	U04	41 A U)64 A U	087 A	U111 A	U133 C,D	U156 A	U179 A	U204 A	U228 A	U367 A	
U019 A	U04	42 A U()66 A U	088 A	U112 A	U134 A	U157A	U180 A	U205 C,I	D U234 D	U372 A	
U020 C,D	U04	43 A U(067 A U	089 A	U113 A	U135 A	U158 A	U181 A	U206 A	U235 A	U373 A	
U021 C,D	U04	44 A U(068 A U	090 A	U114 A	U136 A	U159 A	U182 A	U207 A	U236 A	U387 A	
U022 A	U04	45 A U()69 A U	091 A	U115 A	U137 A	U160 C,D	U183 A	U208 A	U237 A	U389 A	
U023 A	U04	46 A U	070 A U	092 A	U116 A	U138 A	U161 A	U184 A	U209 A	U238 A	U394 A	

Container Category:

A No restrictions on storage or handling

B Restricted to storage only C Restricted to lab pack quantities

D Restricted to mixture/derived from waste or spill cleanups E Restricted to reshipment only – no storage or repacking

US Ecology - York August 2016

Appendix 14.

ISO/OHSAS Certification



Certificate of Registration

This certifies that the Occupational Health and Safety Management System of

US Ecology York

730 Vogelsong Road York, Pennsylvania, 17404, United States

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

OHSAS 18001:2007

Scope of Registration:

Provider of hazardous and non-hazardous waste management services including recycling, treatment, storage, disposal, and transportation.



Certificate Number:
Certificate Issue Date:
Registration Date:
Expiration Date *:

6S202-OH7-C0066982 27-MAY-2015 08-MAY-2015

07-MAY-2018

Slavil

Carl Blazik, Director, Technical Operations & Business Units, NSF-ISR, Ltd.

NSF International Strategic Registrations

789 North Dixboro Road, Ann Arbor, Michigan 48105 | (888) NSF-9000 | www.nsf-isr.org

Authorized Registration and /or Accreditation Marks. This certificate is property of NSF-ISR and must be returned upon request. *Company is audited for conformance at regular intervals. To verify registrations call (888) NSF-9000 or visit our web site at www.nsf-isr.org



Certificate of Registration

This certifies that the Environmental Management System of

US Ecology York

730 Vogelsong Road York, Pennsylvania, 17404, United States

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

ISO 14001:2004

Scope of Registration:

Provider of hazardous and non-hazardous waste management services including recycling, treatment, storage, disposal, and transportation



Certificate Number:
Certificate Issue Date:
Registration Date:
Expiration Date *:

6S202-EM8-C0066982 27-MAY-2015 08-MAY-2015 07-MAY-2018

Sharik

Carl Blazik, Director, Technical Operations & Business Units, NSF-ISR, Ltd.

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Certificate of Registration

This certifies that the Quality Management System of

US Ecology York

730 Vogelsong Road York, Pennsylvania, 17404, United States

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

ISO 9001:2008

Scope of Registration:

Provider of hazardous and non-hazardous waste management services including recycling, treatment, storage, disposal, and transportation.



Certificate Number:
Certificate Issue Date
Registration Date:
Expiration Date *:

6S202-IS8-C0066982 27-MAY-2015 08-MAY-2015 07-MAY-2018

Slagik

Carl Blazik, Director, Technical Operations & Business Units, NSF-ISR, Ltd.

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LANGAN

805-825 Atlantic Avenue – CONTRACTOR SUBMITTAL REVIEW

ANGAN 170384501 JECT NO. 170384501 SPEC. 026113 LE NO. 026113 LE NO. SUBMITTAL NO. 6 026113-6.0 DATE 11/26/2019 EXCEPTIONS TAKEN AS NOTED EXCEPTIONS TAKEN AS NOTED REVISE & RESUBMIT RESUBMIT SPECIFIED ITEM INCOMPLETE – RESUBMIT v is only for conformance with the design intent of ation developed by Langan and issued for the Project. ctor is responsible for performance of the work in ance with the requirements of the Contract Documents and I fabrication processes, means, methods, techniques,
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INCOMPLETE – RESUBMIT v is only for conformance with the design intent of ation developed by Langan and issued for the Project. ctor is responsible for performance of the work in ance with the requirements of the Contract Documents and fabrication processes, means, methods, techniques,
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of other contractors and subcontractors and verifying all sions and quantities. Contractor is also responsible for ming the work in a safe manner. Action does not authorize as to contract requirements unless otherwise stated in a te letter or change order. Langan's review of a specific item not indicate approval of an assembly of which the item is a ment. LANGAN angan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. an Engineering and Environmental Services, Inc. Langan International LLC
Collectively known as Langan
EWED BY: Kimberly Del Col, PE
E RETURNED: 12/11/2019





December 10, 2019

Matthew Rose Environmental Waste Minimization Inc. 14 Brick Kiln Ct. Northampton, PA 18067

RE: 539 Vanderbilt/805 Atlantic Ave, Brooklyn, NY 11238

Dear Mr. Rose,

Stericycle Environmental Solutions has received your submittal package for material originating at the 539 Vanderbilt site located at 805 Atlantic Ave. Brooklyn, NY (NYSDEC BCP #C224228). Stericycle has reviewed the information, site background, and treatability sample from this project to evaluate final acceptance of materials into the Republic Environmental Systems, LLC site located at 2869 Sandstone Drive, Hatfield, PA that is in full compliance with the facility EPA ID #PAD085690592. The review included the following documents:

- Phase I Environmental Site Assessment (March 2015), conducted by Warren Panzer
- Limited Phase II Subsurface Investigation Report (May 2015), conducted by Warren Panzer
- Soil Sampling Results (January 2016), conducted by Langan Engineering, York Analytical Report #16A0847
- Draft Remedial Action Work Plan (January 2016), prepared by Langan Engineering
- Waste Characterization Soil Sampling report (September 2019), conducted by Langan Engineering
- SB107A and SB114 Delineation sampling, conducted by Langan Engineering, Alpha Analytical Report #L1946730
- NYSDEC Disposal Notification Letter provided by Langan Engineering, dated November 22, 2019



Acceptable material must meet the following non-analytical factors: debris must be sized <12" and no more than 10% of the load; moisture <18%; no free liquids; no high odors.

Treatability sample was received on 12/6/2019. Representative data and treatability sample have been reviewed and determined to be acceptable at Republic Environmental Systems, LLC in Hatfield, PA. Approximately 250 tons of characteristically hazardous lead soils are conditionally approved to ship. The following sample ID's are acceptable:

SB107A(2-4') and all related delineation sample ID's, including SB107A (0-2'), SB107A(3'), SB107A(5'), SB107A(6-8'), SB107A(11-12'), SB107A(12'), SB107A(13'), SB107A_A1(2-7'), SB107A_A1(3'), SB107A_A1(5'), SB107A_A1(7-12'), SB107A_A1(12'), SB107A_A1(13'), SB107A_A2(2-7'), SB107A_A2(3'), SB107A_A2(5'), SB107A_A2(7-12'), SB107A_A2(12'), SB107A_B1(2-7'), SB107A_B1(5'), SB107A_B1(7-12'), SB107A_B1(12'), SB107A_B2(7-12'), SB107A_C1(2-7'), SB107A_C1(7-12'), SB107A_A3(7-12), SB107A_A1_E1(7-12'), SB107A_A1_W1(7-12'), SB107A_A3_E1(7-12'), SB107A_A3_W1(7-12'), SB107A_A1_E1(2-7'), SB107A_A1_W1(2-7'), SB107A_A3(2-7'), SB107A_A3_E1(2-7'), SB107A_A3_W1(2-7'), SB107A_B2(2-7'), SB107A_D1(2-7'), SB107A_D1(7-12'), as well as SB02(0-2') and SB02(11-12') from Langan's 2016 soil sampling event;

Sincerely, — DocuSigned By:

Bob Jows – 3E1E65BDC0A14F2... Robert W. Jones Sales Representative





December 10, 2019

Matthew Rose Environmental Waste Minimization Inc. 14 Brick Kiln Ct. Northampton, PA 18067

RE: 550 Clinton/809-825 Atlantic Ave, Brooklyn, NY 11238

Dear Mr. Rose,

Stericycle Environmental Solutions has received your submittal package for material originating at the 550 Clinton site located at 809-825 Atlantic Ave. Brooklyn, NY (NYSDEC BCP #C224228). Stericycle has reviewed the information, site background, and treatability sample from this project to evaluate final acceptance of materials into the Republic Environmental Systems, LLC site located at 2869 Sandstone Drive, Hatfield, PA that is in full compliance with the facility EPA ID #PAD085690592. The review included the following documents:

- Phase I Environmental Site Assessment (March 2015), conducted by Warren Panzer
- Limited Phase II Subsurface Investigation Report (May 2015), conducted by Warren Panzer
- Soil Sampling Results (January 2016), conducted by Langan Engineering, York Analytical Report #16A0847
- Draft Remedial Action Work Plan (January 2016), prepared by Langan Engineering
- Waste Characterization Soil Sampling report (September 2019), conducted by Langan Engineering
- SB107A and SB114 Delineation sampling, conducted by Langan Engineering, Alpha Analytical Report #L1946730
- NYSDEC Disposal Notification Letter provided by Langan Engineering, dated November 22, 2019



Acceptable material must meet the following non-analytical factors: debris must be sized <12" and no more than 10% of the load; moisture <18%; no free liquids; no high odors.

Treatability sample was received on 12/6/2019. Representative data and treatability sample have been reviewed and determined to be acceptable at Republic Environmental Systems, LLC in Hatfield, PA. Approximately 100 tons of characteristically hazardous lead soils are conditionally approved to ship. The following sample ID's are acceptable:

SB114(6-7') and all related delineation sample ID's, including SB114(0-2'), SB114(8'), SB114_A1(0-4'), SB114_A1(4-8'), SB114_B1(0-4'), SB114_B1(4-8'), SB114_C1(0-4'), SB114_C1(4-8').

Sincerely,

Bob Jours 3E1E65BDC0A14F2... Robert W. Jones Sales Representative



We protect what matters.

FACILITY AUDIT PACKAGE



Hatfield, Pennsylvania TSDF

LEGAL/PERMITTED NAME: Republic Environmental Systems, LLC

2869 Sandstone Dr. Hatfield, PA 19440 215-822-8995 StericycleEnvironmental.com



Facility Audit Package | Hatfield, Pennsylvania TSDF

Table of Contents

INTRODUCTION

ENVIRONMENTAL SOLUTIONS FACILITIES & CONTACTS

INSURANCE

PERMITS & ACCEPTED WASTE CODES



Facility Audit Package | Hatfield, Pennsylvania TSDF



Introduction

About Stericycle

We protect what matters

Around the world and in most organizations, increasingly strict regulatory guidelines and stringent quality controls are putting new demands on businesses. And for many, staying up to date with the requirements that govern their respective industries is a challenge. That's where we come in.

Stericycle is a world-leading business-to-business services company providing organizations, large or small, with a wide array of essential and highly specialized compliance-based solutions. We have the scale, expertise, and experience to handle the many complicated and often behind-the-scenes services that allow our more than 1,000,000 customers to focus on their business.

To our customers and the communities that we serve, Stericycle is a company that protects people, brands and business. We protect what matters.



Introduction

Overview of Stericycle's Key Services



Proper packaging, transportation and treatment of "less than a truckload" RCRA regulated materials



Turn-key services to manage disposal of hazardous wastes in the healthcare setting and from unusable products from retail outlets



Pharmaceutical Waste Proper packaging, transportation and treatment for all types of unused pharmaceuticals to protect the environment and communities



Tools and resources to promote safety, compliance, data privacy, and other best practices for small healthcare offices



Compliant management of regulated medical waste to protect workers, reduce contamination risk, and improve sustainability



Protects businesses and their customers with secure collection and destruction of confidential information



Comprehensive brand protection solutions including notifications, returns management, replacement, and reporting of product recalls



Live voice and automated systems to manage customer and patient contact, appointments, and other communications



Introduction

Stericycle Environmental Solutions

Stericycle Environmental Solutions provides customers with an unparalleled portfolio of services designed to successfully comply with all environmental and waste regulations. Our deep bench of highly trained technicians, expertise in compliant packaging for containment and segregation, and fleet of specially equipped trucks address our customers' needs and ensure full compliance with various OSHA, DOT, EPA and state regulations.

A total of thirteen RCRA Part B permitted Treatment, Storage and Disposal Facilities (TSDFs) and approximately fifty permitted Service Centers deliver the most appropriate hazardous waste disposal method for any given client, while meeting all regulatory and sustainability goals.

Beyond compliance, we work closely with our customers to uncover innovative reuse, recycling and alternative-use options that control costs, minimize liability, and support sustainability goals and environmental responsibility.



Facility Audit Package | Hatfield, Pennsylvania TSDF



U.S. ENVIRONMENTAL SOLUTIONS FACILITIES





Treatment, Storage and Disposal Facilities

500 Medco Road	LOCATION TYPE	TSDF	CAPABILITIES
Birmingham, AL 35217	LEGAL/PERMITTED	Allworth, LLC	RCRA Part B Facility, Storage capacity of over
205-841-1707	NAME		67,000 gallons and 1,040 drums; Solvent
	EPA ID #	ALD 094 476 793	recovery/distillation; Fuel blending.
FACILITY MANAGER	LEGAL DOT NAME	Nortru LLC	Transportation and Disposal of Hazardous,
Todd Williamson	DOT #	337503	Non-hazardous, and Universal wastes.

425 Isis Avenue	LOCATION TYPE	TSDF	CAPABILITIES
Inglewood, CA 90301	LEGAL/PERMITTED	Rho Chem, LLC	RCRA Part B Facility, Transportation services;
323-776-6233	NAME		storage capacity of 183,400 gallons and
	EPA ID #	CAD 008 364 432	1,080 drums; Fuel blending; Solvent
FACILITY MANAGER	LEGAL DOT NAME	Rho-Chem LLC	recycling/distribution; Transportation and
Dorothy Harley	DOT #	195711	Disposal of Hazardous, Non-hazardous, and
			Universal wastes. Battery recycling;
			Fluorescent bulb recovery; Chlorinated
			solvent recovery.

11855 White Rock	LOCATION TYPE	TSDF	CAPABILITIES
Rancho Cordova, CA	LEGAL/PERMITTED	General	RCRA Part B Facility; Repacking;
95742	NAME	Environmental	Consolidation; Lab packing; Transportation &
916-351-0980		Management of	Disposal of Hazardous, Non-hazardous, and
		Rancho Cordova,	Universal wastes. Bulk liquid capacity of
		LLC dba PSC	360,000 gallons. Containerized waste
		Environmental	capacity of 3,140,000. On-site laboratory for
		Services of Rancho	testing received waste. 10-day Truck-to-
		Cordova	Truck Transfer;
	EPA ID #	CAD 980 884 183	
FACILITY MANAGER	LEGAL DOT NAME	21ST Century	
		Environmental	
		Management of	
		California LP	
TBD	DOT #	2059497	



Treatment, Storage and Disposal Facilities (continued)

2770 Fortune Circle	LOCATION TYPE	TSDF	CAPABILITIES
East	LEGAL/PERMITTED	Stericycle Specialty	RCRA Part B Facility, Transportation, Storage,
Indianapolis, IN 46241	NAME	Waste, Inc.	Disposal of Hazardous and Non-Hazardous
317-860-1192	EPA ID #	INR000110197	waste, Universal waste, Waste to Energy,
FACILITY MANAGER	LEGAL DOT NAME	Stericycle Specialty	Recycling
		Waste Solutions,	
		Inc	
Keith Birdwell	DOT #	1348411	

515 Lycaste St.	LOCATION TYPE	TSDF	CAPABILITIES
Detroit, MI 48214	LEGAL/PERMITTED	Petro-Chem	RCRA Part B Facility; Storage capacity 1.1
313-824-5840	NAME	Processing Group	million gallons and 2,020 drums; Solvent
		of Nortru, LLC	distillation; Metal/solids shredding; Metal
	EPA ID #	MID 980 615 298	drum recycling; Transportation and Disposal
FACILITY MANAGER	LEGAL DOT NAME	Petro-Chem	of Hazardous, Non-hazardous, and Universal
		Processing Group	wastes and Waste-to- Energy Recycling.
		of Nortru, LLC	
Allen Jones	DOT #	337503	

700 Mulberry St.	LOCATION TYPE	TSDF	CAPABILITIES
Kansas City, MO 64101	LEGAL/PERMITTED	Solvent Recovery,	RCRA Part B, CERCLA approved Facility;
816-474-1391	NAME	LLC	Storage capacity 85,650 gallons and 2,891
	EPA ID #	MOD 000 610 766	drums; Fuel blending; Lab pack/de-pack;
FACILITY MANAGER	LEGAL DOT NAME	Nortru LLC	
Matt Langston	DOT #	337503	

2095 Newlands Dr. E	LOCATION TYPE	TSDF	CAPABILITIES
Fernley, NV 89408	LEGAL/PERMITTED	21st Century	RCRA Part B Facility; storage capacity of
775-575-2760	NAME	Environmental	182,303 gallons and 2,942 drums (liquid);
		Management of	3,211 cubic yards (solid); Inorganic waste
		Nevada, LLC	treatment; Metal- bearing resource
	EPA ID #	NVD 980 895 338	recovery;Photographic silver recovery;
FACILITY MANAGER	LEGAL DOT NAME	21st Century	Battery recycling, Transportation and
		Environmental	Disposal of Hazardous, Non-hazardous, and
		Management of	Universal wastes.
		Nevada LLC	
Tracy Buono	DOT #	615443	



Treatment, Storage and Disposal Facilities (continued)

2869 Sandstone Dr.	LOCATION TYPE	TSDF	CAPABILITIES
Hatfield, PA 19440	LEGAL/PERMITTED	Republic	RCRA Part B Facility; Approved to accept 440
215-822-8995	NAME	Environmental	waste codes; Storage capacity of 160,000
		Systems, LLC	gallons, 569 drums, and 750 tons of bulk
	EPA ID #	PAD 085 690 592	solids; Corrosive, Inorganic Wastewater
FACILITY MANAGER	LEGAL DOT NAME	Republic	Treatment; Heavy metal stabilization;
		Environmental	Transportation & Disposal of Hazardous,
		Systems	Non-hazardous, and Universal wastes.
		Transportation	
		Group LLC	
Richard Scheule	DOT #	267146	

275 Allens Avenue	LOCATION TYPE	TSDF	CAPABILITIES
Providence, RI 02905	LEGAL/PERMITTED	Northland	RCRA Part B Facility; Storage capacity of
401-781-6340	NAME	Environmental,	130,000 gallons and over 5,000 drums;
		LLC	Transportation & Disposal of Hazardous,
	EPA ID #	RID 040 098 352	Non-hazardous, and Universal wastes. Lab
FACILITY MANAGER	LEGAL DOT NAME	21st Century	pack; Oil recycling, Fuel blending; Silver
		Environmental	reclamation.
		Management LLC	
		of RI	
Kevin Fitzgerald	DOT #	618090	

405 Powell St.	LOCATION TYPE	TSDF	CAPABILITIES
Avalon, TX 76623	LEGAL/PERMITTED	Chemical	RCRA Part B, CERCLA approved; storage
972-627-3224	NAME	Reclamation	capacity of 180,000 gallons; 3,500 drums;
		Services, LLC	and 60 cubic yard of solids. Solvent recovery;
	EPA ID #	TXD 046 844 700	Fuel blending.
FACILITY MANAGER	LEGAL DOT NAME	Philip Reclamation	
		Services Houston	
		LLC	
Johnny Busby	DOT #	166862	



Treatment, Storage and Disposal Facilities (continued)

2131 Progressive Dr.	LOCATION TYPE	Plant	CAPABILITIES
Dallas, TX 75212	LEGAL/PERMITTED	PSC Recovery	Water/Wastewater Treatment Facility;
214-637-5575	NAME	Systems, LLC	sewer & line cleaning; sand & grease trap
	EPA ID #	TXD 102 599 339	cleaning/treatment; vacuum trucks;
FACILITY MANAGER	LEGAL DOT NAME	PSC Recovery	
		Systems LLC	
Chuck Trombold	DOT #	993643	

4050 Homestead Road	LOCATION TYPE	TSDF	CAPABILITIES
Houston, TX 79915	LEGAL/PERMITTED	Philip Reclamation	RCRA Part B Facility, CERCLA approved;
713-674-2406	NAME	Services, Houston,	Storage capacity of 50,000 gallons and 1,100
		LLC	drums; Wastewater Treatment; Fuel
	EPA ID #	TXD0474196338	blending; Solidification; Stabilization; Lab
FACILITY MANAGER	LEGAL DOT NAME	Philip Reclamation	Pack, Solvent recovery. Bulking for
		Services Houston	Incineration;
		LLC	
Terry Ramey	DOT #	166862	

20245 77th Ave. South	LOCATION TYPE	TSDF	CAPABILITIES
Kent, WA 98032	LEGAL/PERMITTED	Burlington	RCRA Part B, CERCLA approved Facility;
253-872-8030	NAME	Environmental,	Storage capacity of 500,000 gallons and
		LLC	6,000 drums; Carbon adsorption; Chemical
	EPA ID #	WAD 991 281 767	oxidation/ precipitation/stabilization;
FACILITY MANAGER	LEGAL DOT NAME	Burlington	Wastewater and sludge Treatment; PCB
		Environmental LLC	waste storage.
Megan Swick	DOT #	262568	

1701 E. Alexander Ave	LOCATION TYPE	TSDF	CAPABILITIES
Tacoma, WA 98421 253-627-7568	LEGAL/PERMITTED NAME	Burlington Environmental,	RCRA Part B, CERCLA approved; Storage capacity in excess of 600,000 gallons bulk
		LLC	and 27,000 gallons in drums; wastewater
	EPA ID #	WAD 020 257 945	Fuel blending: CWA Eacility
FACILITY MANAGER	LEGAL DOT NAME	Burlington	
		Environmental LLC	
John Carpenter	DOT #	262568	



Flow of Waste



Kansas City		Kent &	Tacoma	Indianapolis			
Hatfield		Providence		Rancho Cordova			
Fernley		Inglewood		Avalon			
	Houston		Birmir				

This map is a generalization and exceptions do exist.



Facility Audit Package | Hatfield, Pennsylvania TSDF



Insurance

CERTIFICATE OF LI THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION OF CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEN BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTI DEEDBESENTATIVE OF DEPOLICEP AND THE CERTIFICATE INC. DE	ABILI					
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IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the If SUBROGATION IS WAIVED, subject to the terms and conditions on this certificate does not confer rights to the certificate holder in lieu on	e policy(the policies the policies the policies of the policy of the po	ies) must ha cy, certain p dorsement(s	ve ADDITION olicies may).	NAL INSURED provision require an endorseme	onsor nt.A	be endorsed. statement on
RODUCER	CONTA NAME:	CT Risk Mana	agement Dep	artment		
ommercial Lines - (305) 443-4886	PHONE (A/C, N	o, Ext): (305)47	76-1605	FAX (A/C, No): (305)	441-0813
601 South Bayshore Drive, Suite 1600	ADDRE	ss: Stericy	cleCerts@we	Ilsfargo.com		
coconut Grove, FL 33133	INSUR	INSURER(S) AFFORDING COVERAGE				
ISURED	INSURI	INSURER A: Creenwich Insurance Company				22322
tericycle Environmental Solutions, Inc.	INSUR	INSURER C: Allied World National Assurance Co.				
subsidiary of Stericycle, Inc.	INSURI	INSURER D: XL Insurance America, Inc.				24554
8161 N Keith Drive	INSURI	INSURER E: XL Specialty Insurance Company				37885
		INSURER F: Allied World Assurance Co (US) 19489				
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INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITIC CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFO EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HA	N OF AN RDED BY VE BEEN I	Y CONTRACT THE POLICIE REDUCED BY	OR OTHER S DESCRIBE PAID CLAIMS	DOCUMENT WITH RESP D HEREIN IS SUBJECT	ECT TO TO ALL	WHICH THIS THE TERMS,
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				MED EXP (Any one person)	s	25,000
				PERSONAL & ADV INJURY	s	1,000,000
GEN'L AGGREGATE LIMIT APPLIES PER:				GENERAL AGGREGATE	\$	2,000,000
A POLICY A JECT A LOC				PRODUCTS - COMP/OP AGO	3 S S	2,000,000
3 AUTOMOBILE LIABILITY X ANY AUTO		06/01/2017	06/01/2018	COMBINED SINGLE LIMIT (Ea accident)	S	5,000,000
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ANYPROPRIETOR/PARTNER/EXECUTIVE N / A RWR9435490 (AK &)	VI)	06/01/2017	06/01/2018	E.L. EACH ACCIDENT	\$	1,000,000
(Mandatory in NH)				E.L. DISEASE - EA EMPLOYI	EE \$	1,000,000
DESCRIPTION OF OPERATIONS below Pollution Legal Liability Contractor's Pollution/E&O 0310-7450 0310-1636		06/01/2017 06/01/2017	06/01/2020 06/01/2018	E.L. DISEASE - POLICY LIMI Per Incident/Agg \$10,000,000 Per Incident/Agg \$10,000,000	Each Oce	cur/Gen Agg \$10,0 cur/Gen Agg \$10,0
ESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Sch Evidence of Coverage	edule, may b	e attached if mor	e space is requir	ed)		
	CAN					
	SHO		THE ABOVE D	ESCRIBED POLICIES BE EREOF, NOTICE WILL	CANCE BE D	LLED BEFORE ELIVERED IN
Stericycle Environmental Solutions, Inc. 28161 N Keith Drive	THE	CORDANCE WI	TH THE POLIC			
Stericycle Environmental Solutions, Inc. 28161 N Keith Drive Lake Forest, IL 60045	ACC	CORDANCE WI	TH THE POLIC			
Stericycle Environmental Solutions, Inc. 28161 N Keith Drive Lake Forest, IL 60045		ORDANCE WI	NTATIVE Ocarr	Brondon		

(This certificate replaces certificate# 11844897 issued on 6/1/2017)

Additional supplemental insurance available upon request


Insurance

Additional	Remarks Schedule (Continued from Page 1)
amed Insured Includes:	
1st Century Environmental Managemen 1st Century Environmental Managemen 1st Century Environmental Managemen 1st Century Environmental Managemen Ilworth, LLC, an Alabama limited liability	t of Nevada, LLC, a Nevada limited liability company t, Inc., a Delaware corporation t, LLC of Rhode Island, a Rhode Island limited liability company t of California, LP, a California limited partnership r company
hemical Pollution Control of Florida, LLC hemical Pollution Control, LLC of New ` hemical Reclamation Services, LLC, a ` isnosal Consultant Services, LCC	y a Florida limited liability company ′ork, a New York limited liability company ſexas limited liability company
eneral Environmental Management of F untz Acquisition (Delaware), LLC, a Del orthland Environmental, LLC, a Delawa orthu, LLC, a Michinan limited liability c	tancho Cordova, LLC, a California limited liability company aware limited liability company re limited liability company impany
hilip Holdings, LLC, a Delaware limited hilip Reclamation Services, Houston, LL SC Environmental Management, Inc., a SC Environmental Services of Pomona	iability company .C, a Texas limited liability company Delaware corporation LP a Delaware limited partnership
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SC, LLC, a Delaware limited liability cor epublic Environmental Recycling (New epublic Environmental Systems (Penns LC, a Pennsylvania limited liability com ho-Chem, LLC, a California limited liabi	name labeling company Jersey), Inc., a New Jersey corporation ylvania), LLC, a Pennsylvania limited liability company Republic Environmental Systems (Transportation Gro any lity company
olvent Recovery, LLC, a Missouri limite tericycle Environmental Solutions, Inc.	1 liability company

Additional supplemental insurance available upon request



Facility Audit Package | Hatfield, Pennsylvania TSDF



Accepted Waste Codes

D	F		К			Р				U		
D001	F001	K001	K052	K136	P001	P058	P118	U001	U053	U107	U158	U214
D002	F002	K002	K060		P002	P059	P119	U002	U055	U108	U159	U215
D003	F003	кооз	K061		P003	P060	P120	U003	U056	U109	U160	U216
D004	F004	к004	K062		P004	P062	P121	U004	U057	U110	U161	U217
D005	F005	K005	K064		P005	P063	P122	U005	U058	U111	U162	U218
D006	F006	к006	K065		P006	P064	P123	U006	U059	U112	U163	U219
D007	F007	К007	K066		P007	P065	P127	U007	U060	U113	U164	U220
D008	F008	коо8	K069		P008	P066	P128	U008	U061	U114	U165	U221
D009	F009	коо9	K071		P009	P067	P185	U009	U062	U115	U166	U222
D010	F010	K010	K073		P010	P068	P188	U010	U063	U116	U167	U223
D011	F011	K011	K083		P011	P069	P189	U011	U064	U117	U168	U225
D012	F012	K013	K084	K156	P012	P070	P190	U012	U066	U118	U169	U226
D013	F019	K014	K085	K157	P013	P071	P191	U014	U067	U119	U170	U227
D014	F020	K015	K086	K158	P014	P072	P192	U015	U068	U120	U171	U228
D015	F021	K016	K087	K159	P015	P073	P194	U016	U069	U121	U172	U234
D016	F022	K017	K088	K161	P016	P074	P196	U017	U070	U122	U173	U235
D017	F023	K018	К090	K169	P017	P075	P197	U018	U071	U123	U174	U236
D018	F024	К019	K091	K170	P018	P076	P198	U019	U072	U124	U176	U237
D019	F025	к020	К093	K171	P020	P077	P199	U020	U073	U125	U177	U238
D020	F026	K021	к094	K172	P021	P078	P201	U021	U074	U126	U178	U239
D021	F027	K022	K095		P022	P081	P202	U022	U075	U127	U179	U240
D022	F028	К023	K096		P023	P082	P203	U023	U076	U128	U180	U243
D023	F032	K024	К097		P024	P084	P204	U024	U077	U129	U181	U244
D024	F034	K025	K098		P026	P085	P205	U025	U078	U130	U182	U246
D025	F035	K026			P027	P087		U026	U079	U131	U183	U247
D026	F037	K027	K100		P028	P088		U027	U080	U132	U184	U248
D027	F038	K028	K101		P029	P089		U028	U081	U133	U185	U249
D028	F039	K029	K102		P030	P092		U029	U082	U134	U186	U271
D029		к030	K103		P031	P093		U030	U083	U135	U187	U278
D030		K031	K104		P033	P094		U031	U084	U136	U188	U279
D031		К032	K105		P034	P095		U032	U085	U137	U189	U280
D032		к033	K106		P036	P096		U033	U086	U138	U190	U328
D033		К034			P037	P097		U034	U087	U140	U191	U353
D034		K035			P038	P098		U035	U088	U141	U192	U359
D035		к036			P039	P099		U036	U089	U142	U193	U364
D036		К037			P040	P101		U037	U090	U143	U194	U367
D037		к038	K111		P041	P102		U038	U091	U144	U196	U372
D038		к039	K112		P042	P103		U039	U092	U145	U197	U373
D039		к040	K113		P043	P104		U041	U093	U146	U200	U387
D040		K041	K114		P044	P105		U042	U094	U147	U201	U389
D041		K042	K115		P045	P106		U043	U095	U148	U203	U394
D042		K043	K116		P046	P108		U044	U096	U149	U204	U395
D043	ĺ	K044	K117		P047	P109		U045	U097	U150	U205	U404
	Ì	K045	K118		P048	P110		U046	U098	U151	U206	U409
		K046	K123		P049	P111		U047	U099	U152	U207	U410
		K047	K124		P050	P112		U048	U101	U153	U208	U411
		K048	K125		P051	P113		U049	U102	U154	U209	
	Ì	K049	K126		P054	P114		U050	U103	U155	U210	
		K050			P056	P115		U051	U105	U156	U211	
		K051			P057	P116		U052	U106	U157	U213	



Facility Audit Package | Hatfield, Pennsylvania TSDF

Permits & Accepted Waste Codes

Part B Permit

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION PERMIT

FOR HAZARDOUS WASTE STORAGE, TREATMENT, AND DISPOSAL

Permittee: Republic Environmental Systems (Pennsylvania), LLC Permit Number: PAD 085 690 592

Facility: Republic Environmental Systems (Pennsylvania), LLC

2869 Sandstone Drive, Hatfield, PA 19440

This permit is issued by the Commonwealth of Pennsylvania Department of Environmental Protection (DEP) under authority of the Pennsylvania Solid Waste Management Act, the Act of July 7, 1980, Act 97, 35 P.S. Section 6018.101 <u>et seq</u>. (the Act), DEP's hazardous waste regulations, and Federal hazardous waste regulations, to <u>Republic Environmental Systems (Pennsylvania)</u>, <u>LLC</u> (hereafter called the Permittee), to continue operations at a hazardous waste management facility located at <u>2869</u> <u>Sandstone Drive, Hatfield, PA</u>, in <u>Hatfield Township</u>, <u>Montgomery County</u>, at latitude <u>40°17'30</u>" North and longitude <u>-75°17'09</u>" West.

The Permittee must comply with all terms and conditions of this permit. This permit consists of the conditions contained herein (Parts I–VI and Attachments 1 through 11, consisting of pages 1 through 46) and the applicable regulations contained in 25 Pa. Code Chapters 260a–270a and 40 CFR 260–270 as specified in the permit.

This permit is based on the assumption that the information submitted in the permit renewal application attached to the Permittee's letter dated <u>November 22, 2011</u>; as modified by subsequent amendments dated <u>December 19, 2011</u>; <u>November 2, 2012</u>; <u>June 20, 2013</u>; <u>September 4, 2013</u>; <u>November 8, 2013</u>; <u>May 2, 2014</u>, and <u>October 2, 2014</u> (hereafter referred to as the application); are accurate and that the facility will be constructed and/or operated as specified in the application. Any inaccuracies found in this information may be grounds for the revocation or modification of this permit and potential enforcement action. The Permittee must inform DEP of any deviation from or changes in the information in the application which would affect the Permittee's ability to comply with the applicable regulations or permit conditions.

This permit is conditioned upon full compliance with all applicable provisions of the Act; DEP's regulations contained in 25 Pa. Code Chapters 260a–270a; Federal regulations contained in 40 CFR Chapters 260–270; the Clean Streams Law, 35 P.S. 691.1 <u>et seq</u>.; the Air Pollution Control Act, 35 P.S. 4001 <u>et seq</u>.; the Dam Safety and Encroachments Act, 32 P.S. 693.1 <u>et seq</u>.; the Surface Mining Conservation and Reclamation Act, 52 P.S. 1396.1 <u>et seq</u>.; the Coal Refuse Disposal Control Act, 52 P.S. 30.51 <u>et seq</u>.; all other Pennsylvania statutes related to the protection of the environment; and all Pennsylvania statutes related to the protection of public health, safety, and welfare.

This permit is effective as of <u>December 10, 2014</u>, and shall remain in effect until <u>December 10, 2024</u>, unless revoked and reissued, or terminated in accordance with 25 Pa. Codes 270a.41, 270a.42, and 270a.43 and 40 CFR 270.41, 270.42, and 270.43, or continued.

Page 1

Facility Audit Package | Hatfield, Pennsylvania TSDF



Permits & Accepted Waste Codes

DOT Certificate

UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION



HAZARDOUS MATERIALS CERTIFICATE OF REGISTRATION FOR REGISTRATION YEAR(S) 2016-2019

Registrant: REPUBLIC ENVIRONMENTAL SYSTEMS Attn: JUSTIN N. PICKENS 2869 SANDSTONE DRIVE HATFIELD, PA 19440

This certifies that the registrant is registered with the U.S. Department of Transportation as required by 49 CFR Part 107, Subpart G.

This certificate is issued under the authority of 49 U.S.C. 5108. It is unlawful to alter or falsify this document.

Reg. No: 050316 551 002YA Issued: 5/3/2016

Expires: 06/30/2019

HM Company ID: 019414

Record Keeping Requirements for the Registration Program

The following must be maintained at the principal place of business for a period of three years from the date of issuance of this Certificate of Registration:

- (1) A copy of the registration statement filed with PHMSA; and
- (2) This Certificate of Registration

Each person subject to the registration requirement must furnish that person's Certificate of Registration (or a copy) and all other records and information pertaining to the information contained in the registration statement to an authorized representative or special agent of the U.S. Department of Transportation upon request.

Each motor carrier (private or for-hire) and each vessel operator subject to the registration requirement, must keep a copy of the current Certificate of Registration or another document bearing the registration number identified as the "U.S. DOT Hazmat Reg. No." in each truck and truck tractor or vessel (trailers and semi-trailers not included) used to transport hazardous materials subject to the registration requirement. The Certificate of Registration or document bearing the registration number must be made available, upon request, to enforcement personnel.

For information, contact the Hazardous Materials Registration Manager, PHH-52, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation, 1200 New Jersey Avenue, SE, Washington, DC 20590, telephone (202) 366-4109.



Air Quality Permit

46-00146	REPUBLIC ENV SYS PA LLC/HATFIELD
COMMONWEALTH OF DEPARTMENT OF ENVIRONM AIR QUALITY PI	PENNSYLVANIA IENTAL PROTECTION ROGRAM
STATE ONLY OPE	RATING PERMIT
ssue Date: July 8, 2016	Effective Date: July 8, 2016
In accordance with the provisions of the Air Pollutio amended, and 25 Pa. Code Chapter 127, the Owne permittee) identified below is authorized by the Dep operate the air emission source(s) more fully describe conditions specified in this permit. Nothing in this permit with all applicable Federal, State and Local laws and re The regulatory or statutory authority for each permit con in this permit or statutory authority for each permit con	n Control Act, the Act of January 8, 1960, P.L. 2119, as er, [and Operator if noted] (hereinafter referred to as artment of Environmental Protection (Department) to d in this permit. This Facility is subject to all terms and ift relieves the permittee from its obligations to comply gulations.
Synthetic Federal Tax Id - Plant	e designated. <u>t No: 46-00146</u> Minor Code: 26-2277300-1
Owner Int	ormation
Name: REPUBLIC ENV SYS PALLC	
Mailing Address: 2869 SANDSTONE DR HATFIELD, PA 19440-1912	
Plant: REPUBLIC ENV SYS PA LLC/HATFIELD Location: 46 Montgomery County SIC Code: 4953 Trans. & Utilities - Refuse Systems	46930 Hatfield Township
Name: RICHARD SCHEULE	ole Official
Title: OPERATIONS MANAGER	
Phone (215) 822 - 8995 Ext.101	
Permit Cont Name: JUSTIN N PICKENS Title: COMPLIANCE MANAGER Phone: (215) 822 - 8995 Ext.111	act Person
MESD. REBARCHAK, SOUTHEAST REGION AIR PROGRAM	IMANAGER



Stormwater Permit





Wastewater Permit

CHARLES MURGIA, Chairman DONALD D. ATKISS, Vice Chairman RALPH HARVEY, Asst. Secretary BARRY WERT, Secretary/Asst. Treasurer CHARLES SIBEL, Treasurer

PETER R. DORNEY, Executive Director



CET ENGINEERING SERVICES Engineer 717-541-0622

HAMBURG, RUBIN, MULLIN, MAXWELL & LUPIN Solicitor 215-561-0400

PERMIT NO. 9035

In accordance with the provisions of Hatfield Township Ordinance No. 600 amending Ordinance 420 Chapter 18, and all Hatfield Township Municipal Authority (HTMA) rules and resolutions relating to the discharge of wastewater to the Hatfield Township Municipal Authority's Wastewater Treatment System,

REPUBLIC ENVIRONMENTAL SYSTEMS (PA) LLC, (RESPA) Permittee aka - Stericycle Environmental Services 2869 Sandstone Drive Hatfield, PA 19440,

A Significant Industrial User as defined by this permit, is hereby authorized to discharge process wastewater from the above identified facility and through the outfall identified herein, into the Hatfield Township Municipal Authority wastewater treatment system in accordance with the conditions set forth in this permit.

Compliance with this permit does not relieve the permittee of its obligations to comply with any and all applicable pretreatment regulations, standards or requirements under local, state, and federal laws, including any such regulations, standards, requirements, or laws that may become effective during the term of this permit.

Noncompliance with any term or condition of this permit shall constitute a violation of the Hatfield Township Sewer Use Ordinance.

This permit shall become effective on <u>July 1, 2015</u> and shall expire at midnight on <u>June 30, 2018</u>.

If the permittee wishes to continue to discharge after the expiration date of this permit, an application must be filed for renewal in accordance with Ordinance requirements, a minimum of 90 days prior to the expiration date, or as otherwise specified by this permit.

Issued this 19th day of June , 2015 Issued by: Plant Manager Joseph E. Stammers

3200 ADVANCE LANE COLMAR, PA 18915 FAX (215) 822-1869 (215) 822-9300 & 997-2768



Facility Audit Package | Hatfield, Pennsylvania TSDF

Permits & Accepted Waste Codes

Laboratory Accreditation Permit





CERCLA Waste Permit



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION III 1650 Arch Street Philadelphia, Pennsylvania 19103-2029

BY TELE FAX AND CERTIFIED MAIL RETURN RECEIPT REQUESTED

JUL 1 8 2005

Mr. Averill Rance Republic Environmental Systems, Inc. 2869 Sandstone Drive Hatfield, Pennsylvania 19440

RE: CERCLA Off-Site Acceptability Determination - Republic Environmental Systems, Inc., 2869 Sandstone Drive, Hatfield, Pennsylvania 19440

Dear Mr. Rance:

The Environmental Protection Agency, Region III (Region III), has made an acceptability determination for the Republic Environmental Systems, Inc., 2869 Sandstone Drive, Hatfield, Pennsylvania 19440 (Facility) to receive CERCLA Waste, as that term is defined at 40 C.F.R. Section 300.440(a) of the Off-Site Rule.¹

On December 14, 2004 the United States Environmental Protection (EPA) amended the National Oil and Hazardous Substance Pollution Contingency Plan (NCP), 40 C.F.R. Part 300, by adding Section 300.440, now known as the Off-Site Rule. The Off-Site Rule codifies the requirements contained in CERCLA Section 121(d)(3). The Off-Site Rule establishes the criteria. and procedures for determining if facilities are acceptable for the receipt of CERCLA Waste.

The Off-Site Rule requires that prior to a facility's initial receipt of CERCLA Waste, EPA must determine that there are no relevant releases or relevant violations at the facility. EPA believes that an affirmative determination of "compliance" and "control of release" is necessary before a facility may be deemed acceptable for the receipt of CERCLA Waste.

Region III has contacted the Pennsylvania Department of Environmental Protection (PADEP). PADEP has indicated that the Facility is in compliance with all of its regulatory requirements and is operating without any relevant releases. EPA Region III has also been provided with a copy of his latest inspection of your facility. Based upon that information, this letter serves to inform you of Region III's determination that the Facility is currently acceptable to receive CERCLA Waste.

٥

As used herein, the term "Off-Site Rule" refers to the "procedures for Planning and Implementing Off-Site Response Action," 40 C.F.R. Section 300.40. As used herein, the term "CERCLA" refers to the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended, 42 U.S.C. Sections 9601-9675, otherwise known as the federal Superfund law.

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PCB Commercial Storage Permit

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



SEP 1 3 1990

REGION III 641 Chestnut Building Philadelphia, Pennsylvania 19107

Mr. Randy R. Royer Waste Conversion, Inc. 2869 Sandstone Drive Hatfield, PA 19440

CC: Grey Breidlinger Kell Kinger Re. Pob Storger toppication

Dear Mr. Royer:

This letter serves as an acknowledgement that the U.S. Environmental Protection Agency (EPA), Region III has received on August 2, 1990 your application for a PCB Connercial Storage Approval. A preliminary review of the application indicates that the application is complete, and that the following information was provided as required:

- Facility name and address;
- Identification of owner(s) and/or operator(s);
- Identification of the person responsible for operating the facility (i.e., point of contact at the site) and supervisor employees responsible for the facility's operations;
- Technical qualifications and experience of the persons responsible for the overall operations of the facility and exployees responsible for handling waste;
- Listing of State and/or Federal environmental violations (past five years);
- Listing of companies in which the owner, operator, or key employees have/had an interest (past five years);
- Estimate of the maximum amount of PCBs to be stored at the facility;
- Certification that facility complies with requirements of 40 CFR 761.65;
- Closure Cost Estimate;
- Financial Assurance Demonstration;
- Signature.

Therefore, the interih status granted on August 2, 1990, to continue operations at the Waste Conversion, Inc. Facility in



PCB Commercial Storage Permit (page 2)

Hatfield, PA remains in force pending EPA's final action on your application. A more thorough technical review of the application will now be conducted. During that review, you may be required to submit supplemental information necessary to demonstrate that your facility should receive final approval. The submission of any supplemental data should be made in a timely manner, as the availability of this information may have an impact on your request for an approval.

If you need further clarifications, please do not hesitate to contact me at 215-597-7668.

Sincerely,

Edward H. Cohen Regional PCB Permit Coordinator

cc: Tony Baney Chemical Regulation Branch, EPA



FACILITY AUDIT PACKAGE

Last Updated 8/2/2017

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P.O. Box 290 • 75 Crows Mill Road • Keasbey, NJ 08832 P: (732) 738-6000 • F: (732) 738-0620 • www.bayshorerecycling.com

Bayshore Soil Management, LLC Generator Waste Profile

Schubbertiller / Milli edd.	City. Northampton	State: PA Zip: 18067
Contact. Matthew Rose	Tel: 484r635-4323	email: mrose@ewmi.com
Site Contact: Josh Brooks	Tel/Cell: 845,332-0966	email: jbrooks@tritonconstruction.net
Site Name: 805 Atlantic Ave/539 Vanderbi	Ilt Property Owner's F	Phone: ()
Site Address: 805 Atlantic Ave	City: Brooklyn	State: NY Zip: 11238
Generator Name: 539 Vanderbilt Partners,	LLC Generator]	Phone: 212-620-0021
Generator Address: 475 Park Ave South, Su	uit 1206City: New York	State: NY Zip: 10016
History of Site Use: Residential Commo	ercial 📕 Industrial	
If a manufacture of a local describe hi	internation previously occupied by ve	hicle repair shop and
asoline filling station with petroleum bul	lk storage	
gueenne ming en den min per ele an el	_	
Event/process generating waste: Leaking U	JST \Box Leaking AST \Box Surface Spill \blacksquare of	her (<i>describe</i>):
re-development of the property		
Waste Material Description: Solimedia is o	Contentinated with (check one)	
NON-HAZARDOUS, VIRGIN PEIRL		D Mined Fuels (ges/fuel)
L#2, #4, or #6 Fuel OII L Diesel Fuel L	Gasoline LI Motor oli Li Hydraulic Oli I	I IVEXED PHEIS 1988/TUCH
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X NON-HAZARDOUS, NON-VIRGIN P.	TERROLEUM CONTAMINATED SOIL	Urban Fill 🗆 Virgin Solvent
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75 Crows Mill Road, Keasbey, NJ 08832 • Tel: (732) 738-6000 • Fax: (732) 738-0620



75 Crows Mill Road, P.O. Box 290 Keasbey, New Jersey 08832 Phone: (732) 738-6000 • Fax: (732) 738-0620 www.bayshorerecycling.com

December 11, 2019

Mr. Matthew Rose Environmental Waste Minimization, Inc. 14 Brick Kiln Court Northampton, PA 18067

RE: 809-825 Atlantic Avenue Project (550 Clinton, Lot 59) 809-825 Atlantic Avenue Brooklyn, NY 11238

Dear Mr. Rose:

Bayshore Soil Management, LLC (BSM) has reviewed the provided analytical results for soils/fill from the 809-825 Atlantic Avenue/550 Clinton Project in Brooklyn, NY. In review of analytical data provided in Alpha Analytical reports: L1925270 and L1926435, representing non-hazardous portions of grids: WC-05_0-6, WC-05_6-12, and WC-05_12-18, BSM has identified materials that appear to meet our acceptance criteria for Petroleum Contaminated Soils/Urban Fill. Approval excludes TCLP-Lead hazardous materials identified and delineated at and around sampling area SB114 (entirety of the soil column). Materials represented by samples WC-04_0-6, WC-04_6-11, WC-04_11-18, and applicable portions of WC-03_0-6, WC-03_6-12, WC-03_12-18, and WC-03_18-26, would be acceptable and can be added to the approval, pending their proposal by the project. This decision was based on the submitted generator waste profile, analytical testing results stemming from site remedial investigation work, and review of the following documents:

- Waste Characterization Report for 805-825 Atlantic Avenue (aka 550 Clinton Ave./545 Vanderbilt Ave.), prepared by Langan, dated September 18, 2019
- Remedial Investigation Report for 805-825 Atlantic Avenue in Brooklyn, NY, prepared by Langan, dated June 12, 2018
- Remedial Action Work Plan for 805-825 Atlantic Avenue in Brooklyn, NY, prepared by Langan, dated January 2019
- Phase I Environmental Site Assessment for 809 Atlantic Avenue in Brooklyn, NY, prepared by Warren Panzer Engineers, dated March 2015
- Limited Phase II Subsurface Investigation Report for 809-825 Atlantic Avenue in Brooklyn, NY, prepared by Warren & Panzer Engineers, dated May 2015
- NYSDEC Disposal Notification Letter, prepared by Langan, dated November 22, 2019

809-825 Atlantic Avenue/550 Clinton Project, Lot 59 December 11, 2019 Page 2 of 2

Bayshore Soil Management, LLC can only accept non-hazardous contaminated soil and based on our review of the provided soil chemistry data, the material is acceptable under the guidelines of our operating permits, with the above-noted exceptions.

The application has been approved under **BSM#2719-1822**, pending BSM collection of 1 sample for the Paint Filter Test. The above-referenced approved samples (targeting the WC5 area) will support up to 3,600 tons, with BSM collection of Total EPH samples at 1 per 600 tons. Total project approval may be increased up to 9,600 tons, pending site confirmation regarding areas slated to Bayshore and BSM collection of samples for Total EPH analysis as needed. Should you have any questions or require further information, feel free to contact us at 732.738.6000.

Kind Regards,

Iryna Shybysta Compliance Manager

DH



75 Crows Mill Road, P.O. Box 290 Keasbey, New Jersey 08832 Phone: (732) 738-6000 • Fax: (732) 738-0620 www.bayshorerecycling.com

March 24, 2020

Mr. Matthew Rose Environmental Waste Minimization, Inc. 14 Brick Kiln Court Northampton, PA 18067

RE: 805 Atlantic Avenue/539 Vanderbilt Project 805 Atlantic Avenue Brooklyn, NY 11238 BCP Site No. C224228

Dear Mr. Rose:

Bayshore Soil Management, LLC (BSM) has reviewed the provided additional analytical results for soils/fill from the 805 Atlantic Avenue/539 Vanderbilt Project in Brooklyn, NY. Based on our review of site information and data provided in York Analytical Laboratories report: 20C0673, sample Comp01_03132020, BSM has identified materials that appear to meet our acceptance criteria for Petroleum Contaminated Soils/Urban Fill This is in addition to previously reviewed data in Alpha Analytical reports: L1925270, L1926435, and L1960515, with waste characterization results representing the following areas/grids:

- Non-hazardous and acceptable balance of grids: WC-02_0-6, WC-02_6-11, WC-03_0-6, WC-03_6-12, outside of the hazardous section that is defined by: a) the 5-ft. buffer around samples SB107A_C1, SB107A_A1_W1, SB107A_A3_W1, SB107A_A3, SB107A_A3_E1, SB107A_A1_E1, and SB107A_B2; b) sample locations SB107_WA, SB107_WB, WP_SB01_SWS_1-2, WP_SB01_F1, WP_SB01_B1, SB107_EA; c) Grid WC03 split/ 550 Clinton Partners LLC site border and confirmatory sample location WP_SB01_SWN_E(1-2'); and supplemental waste class samples WC06_0-9 and WC07_0-9
- Grids WC-02_11-18, WC-03_12-18, and WC-03_18-26. Full grids are acceptable below "clean" floor samples at 10 ft. bgs (southern portion of hazardous area, below SB107_WA) and the 13 ft. bgs over excavation (applicable in the northern portion of the hazardous area, above SB107_WA).

BSM has identified that the above-referenced materials appear to meet our acceptance criteria for Petroleum Contaminated Soils/Urban Fill. Approval excludes TCLP-Lead hazardous materials identified at and around sampling areas SB107A, WP_SB01, and SB107. We understand that the project will be implementing a 5-foot over-excavation buffer around the SB107A section, specifically around the border created by samples SB107A_C1, SB107A_A1_W1, SB107A_A3_W1, SB107A_A3, SB107A_A3_E1, SB107A_A1_E1, and SB107A_B2. Materials represented by samples WC-01_0-6, WC-01_6-12, and WC-01_12-18 are acceptable and may be added to the approval, upon the project's request.

In addition to the referenced analytical reports, the review also included the following documents:

- Waste Characterization Report for 805-825 Atlantic Avenue (aka 550 Clinton Ave./545 Vanderbilt Ave.), prepared by Langan, dated September 18, 2019
- Remedial Investigation Report for 805-825 Atlantic Avenue in Brooklyn, NY, prepared by Langan, dated June 12, 2018
- Remedial Action Work Plan for 805-825 Atlantic Avenue in Brooklyn, NY, prepared by Langan, dated January 2019
- Phase I Environmental Site Assessment for 809 Atlantic Avenue in Brooklyn, NY, prepared by Warren Panzer Engineers, dated March 2015
- Limited Phase II Subsurface Investigation Report for 809-825 Atlantic Avenue in Brooklyn, NY, prepared by Warren & Panzer Engineers, dated May 2015
- NYSDEC Disposal Notification Letter, prepared by Langan, dated November 22, 2019
- Alpha reports: L1961745, L1946730, and L2007070
- Supplemental delineation results in Alpha reports: L2008852 and L2008284
- Various Site Maps
- York Analytical Laboratories report: 20C0673, material pictures, and sampling map provided on 3/23/2020

Bayshore Soil Management, LLC can only accept non-hazardous contaminated soil and based on our review of the provided soil chemistry data, the material is acceptable under the guidelines of our operating permits, with the above-noted exceptions and conditions.

The project is currently approved for up to 1,200 tons under **BSM#2720-0228**. The abovereferenced approved data will support up to 7,200 tons, with BSM collection of Total EPH as needed to satisfy the facility 1 per 600-ton frequency requirement for materials beyond 1,200 tons. Should you have any questions or require further information, feel free to contact us at 732.738.6000.

Kind Regards,

Iryna Shybysta Compliance Manager



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION Division of Solid & Hazardous Waste Bureau of Recycling & Hazardous Waste Management 401 E. State Street PO Box 420, Mail Code 401-02C Trenton, New Jersey 08625-0420 Tel: (609) 984-3438 Fax: (609) 777-1951/984-0565 www.nj.gov/dep/dshw/recycling

CATHERINE R. MCCABE Commissioner

RECYCLING CENTER GENERAL APPROVAL FOR CLASS B RECYCLABLE MATERIALS

Under the provisions of <u>N.J.S.A.</u> 13:1E-1 *et seq.* and <u>N.J.S.A.</u> 13:1E-99.11 *et seq.*, known as the Solid Waste Management Act and New Jersey Statewide Mandatory Source Separation and Recycling Act, respectively, and pursuant to <u>N.J.A.C.</u> 7:26A-1 *et seq.*, known as the Recycling Regulations, this approval is hereby issued to:

Bayshore Recycling #2

Facility Type:	Recycling Center for Class B Materials
Block & Lot Nos.:	Block 41.03 & Lots 3.02, 3.18 & 4.02
	Block 51 & Lots 1, 1.02, 1.18, 2, 2.02 & 2.03
	Block 52 & Lot 1
Municipality:	Township of Woodbridge
County:	Middlesex
Facility ID No.:	132397
Permit No.:	CBG160002

This General Approval is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection (Department).

This General Approval shall not prejudice any claim the State may have to riparian land nor does it allow the registrant to fill or alter, or allow to be filled or altered, in any way, lands that are deemed to be riparian, wetlands, stream encroachment or flood plains, or within the Coastal Area Facility Review Act (CAFRA) zone or are subject to the Pinelands Protection Act of 1979, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits, or approvals from the Department.

March 2, 2017 Issuance Date

PHILIP D. MURPHY

Governor

SHEILA Y. OLIVER

Lt. Governor

April 25, 2019 Modification Date

December 31, 2021 Expiration Date

a Klou

Karen Kloo, Chief Bureau of Recycling & Hazardous Waste Management

Scope of Approval

This General Approval (approval), along with the referenced application documents herein specified, shall constitute the sole approval of Recycling Center operations for Class B Recyclable Material (concrete, asphalt, brick, block, slag (on a case by case basis), glass cullet, untreated wood, potable water treatment residuals, carbon filtration media, street sweepings and petroleum contaminated soil) storage and process center by **Bayshore Recycling Corp.** located in the Township of Woodbridge, Middlesex County, New Jersey. Any registration, approval or permit previously issued by the Division of Solid & Hazardous Waste, or its predecessor agencies, for the specific activities as described below and as conditioned herein, is hereby superseded.

Regulated Activities at the Facility

Conditions 1 through 40 of this general approval are conditions that are applicable to all New Jersey recycling facilities. Conditions 41 through 85 of this general approval are conditions that are applicable to New Jersey recycling facilities that receive, store, process or transfer Class B material.

Facility Description

The recycling center is a Class B facility operated by the Bayshore Recycling Corp. The recycling center is located at 75 Crows Mill Road/100 Bayview Avenue on Block 41.03 & Lots 3.02, 3.18 & 4.02, Block 51 & Lots 1, 1.02, 1.18, 2, 2.02 & 2.03, and Block 52 & Lot 1 in the Township of Woodbridge, Middlesex County. This regional recycling center is authorized to receive concrete, asphalt, brick, block, slag (on a case by case basis), glass cullet, untreated wood, potable water treatment residuals, carbon filtration media, street sweepings and petroleum contaminated soil from demolition contractors, municipalities, manufacturers, gasoline stations, home owners and sites remediated for petroleum contamination. All processed soil will be used for beneficial use projects, brownfields, landfill caps and construction projects. The recycling center is authorized to receive, store, process or transfer the Class B recyclable materials twenty-four (24) hours per day, Monday through Sunday.

Petroleum contaminated soil shall be sampled either at the point of generation or at the recycling center for the petroleum contaminated soils processing operation. The sampling results shall be used to determine the maximum contaminant feed rate or maximum petroleum contaminant concentration for the processing equipment.

Prior to the acceptance of potable water treatment residuals, carbon filtration media and street sweepings the facility shall have received analytical results along with a signed certification from the generator certifying the material meets the Department's non-residential soil remediation standards.

This recycling center general approval modification authorizes the following changes:

- 1. Reconfiguration of site plan.
- 2. Revised traffic pattern.
- 3. Increase in unprocessed and processed storage capacity of petroleum contaminated soils.
- 4. Permanent incorporation of weekly averaging for the acceptance of petroleum contaminated soils.

Approved General Approval Application and Associated Documents

The registrant shall construct and operate the facility in accordance with N.J.A.C. 7:26A-1 *et seq.*, the conditions of this Approval, and the following documents:

- 1. Site Plan "Modification to General Class B Recycling Center Approval for Bayshore Recycling Corporation", signed and sealed on October 11, 2016 by Lauren J. LaPort, P.E, The ELM Group, Inc., dated April 7, 2009 and last revised on August 26, 2015.
- 2. Bayshore Recycling Corp. Application for a General Class B Recycling License, signed by Valarie Montecalvo, President, Bayshore Recycling Corp., dated August 13, 2001.
- Bayshore Recycling Corp. Modification Request for Class B Recycling Center General Approval, prepared by Jennifer Solewski, Vice President of Regulatory Affairs & Corporate Development, dated July 19, 2016.
- 4. Bayshore Recycling Corp. Renewal Request with no changes for Class B General Approval, prepared by Jennifer Solewski, Vice President of Regulatory Affairs & Corporate Development, dated January 9, 2017.
- Bayshore Recycling Corp. Email with attachment from Jennifer Solewski, Vice President of Regulatory Affairs & Corporate Development, dated January 26, 2017 submitting a response to the Administrative Notice of Deficiency dated January 18, 2017.
- Bayshore Recycling Corp. Response to the April 10, 2017 Technical Notice of Deficiency (TNOD), prepared and signed by Jennifer Solewski, Vice President of Business & Technical Development, dated May 18, 2017.
- 7. Bayshore Recycling Corp. Response to the November 16, 2017 Technical Notice of Deficiency (TNOD2), prepared and signed by Jennifer Solewski, Vice President of Business & Technical Development, dated June 1, 2018.
- Bayshore Recycling Corp. Response to the October 19, 2018 Technical Notice of Deficiency (TNOD3), submitted via email by Jennifer Solewski, Vice President of Business & Technical Development, dated February 8, 2019.
- 9. Middlesex County Solid Waste Management Plan inclusion of Bayshore Recycling Corp. as a Class B Recycling Facility located on Block 51, Lots 1, 1R, 2B, and 2C, certified by the Commissioner of the Department of Environmental Protection on September 10, 2001.
- 10. Amendment to the Middlesex County Solid Waste Management Plan to include capacity increase, approved by the Bureau of Licensing and Planning through the Administrative Action letter dated January 20, 2004.
- 11. Amendment to the Middlesex County Solid Waste Management Plan to include acceptance of cullet, approved by the Bureau of Licensing and Planning through the Administrative Action letter dated March 16, 2004.
- 12. Amendment to the Middlesex County Solid Waste Management Plan to include combination of Blandford Land Development Class B Recycling Center and adjacent Bayshore Recycling Corp. Class B Recycling Center and receipt of additional materials at *The State of New Jersey is an equal opportunity employer. Printed on recyclable paper.*

Bayshore Recycling Corp. Class B Recycling Center, approved by the Bureau of Licensing and Planning through the Administrative Action letter dated February 14, 2006.

- 13. Amendment to the Middlesex County Solid Waste Management Plan to include receipt and processing of potable water residuals and carbon filtration media, approved by the Bureau of Licensing and Planning through the Administrative Action letter dated April 25, 2011.
- 14. Amendment to the Middlesex County Solid Waste Management Plan to include receipt and processing of street sweepings, approved by the Bureau of Licensing and Planning through the Administrative Action letter dated June 16, 2011.
- 15. Amendment to the Middlesex County Solid Waste Management Plan to include the transfer of capacities of Bayshore Recycling Corp. Class C Recycling Center (partial) and Converted Organics of Woodbridge, LLC Class C Recycling Center (all) to Bayshore Recycling Corp. Class B Recycling Center, the deletion of Converted Organics of Woodbridge, LLC Class C Recycling Center and modification of block and lot designation of Bayshore Recycling Corp. Class B Recycling Corp. Class B Recycling Center, approved by the Bureau of Licensing and Planning through the Administrative Action letter dated February 4, 2014.
- 16. Amendment to the Middlesex County Solid Waste Management Plan to include the weekly averaging of 31,500 tons of petroleum contaminated soil with a daily maximum of 6,300 tons, approved by the Bureau of Licensing and Planning through the Administrative Action letter dated January 14, 2015.

In case of conflict, the provisions of N.J.A.C. 7:26A-1 et seq. shall have precedence over the conditions of this Approval, and the conditions of this Approval shall have precedence over plans and specifications listed above.

132397 CBG160002 Class B Recycling Ctr General Apprv -Modification Requirements Report

- 1. All persons issued a general approval to operate a recycling center for Class B, Class C and/or Class D recyclable material pursuant to N.J.A.C. 7:26A-1 et seq. shall comply with all conditions of the approval [N.J.A.C. 7:26A-3.1(a)]
- 2. The holder of this general approval shall prominently post and maintain a legible sign, at or near the entrance to the recycling center, indicating that the recycling center is an approved New Jersey Department of Environmental Protection recycling center. The sign shall also indicate the following: Hours of operation of the recycling center; Listing of the source separated materials to be received; The size, weight, or other restrictions regarding materials to be received; The maximum amount of contaminants allowed in each load; Warning that loads will be inspected and will be barred from offloading if the contaminant level is exceeded; and Notice that the person offloading shall certify the amount of material per load, municipality of origin of the material and any other information contained on the Recyclable Material Receipt Form [N.J.A.C. 7:26A-3.5(f)]
- 3. Application for renewal of this general approval shall be submitted at least three months prior to expiration of the current approval and shall comply with all requirements for renewal set forth in N.J.A.C. 7:26A-3.6 et seq. One copy of the application for renewal of the general approval shall be submitted by the applicant to the municipal clerk of the municipality in which the recycling center is located, and to the solid waste or recycling coordinator of the county in which the recycling center is located [N.J.A.C. 7:26A-3.6(a)]
- 4. The applicant for renewal of this general approval shall certify in writing to the Department that there have been no changes in the operations of the recycling center since the issuance of the general approval in order to renew the approval in its existing form. In the event that there have been changes in the operations of the recycling center or where changes are planned, the application for renewal of a general approval shall be accompanied by a written request to modify the general approval in accordance with N.J.A.C. 7:26A-3.10 [N.J.A.C. 7:26A-3.6(b)]
- 5. In a case where the holder of this general approval does not comply with N.J.A.C. 7:26A-3.6(a) and (b) and continues to operate without renewal of the general approval, the Department may take enforcement action including the assessment of penalties under N.J.S.A. 13:1E-9; require the holder of this general approval to file an application as a new applicant for a general approval in accordance with N.J.A.C. 7:26A-3.2 and pay the application fee as per N.J.A.C. 7:26A-2; and/or take any other appropriate actions [N.J.A.C. 7:26A-3.6(c)]
- 6. All persons granted a renewal pursuant to N.J.A.C. 7:26A-3.6(d) shall continue to pay the annual fee as specified in N.J.A.C. 7:26A-2 [N.J.A.C. 7:26A-3.6(h)]
- 7. The holder of this general approval shall obtain prior approval from the Department for any modification of the general approval [N.J.A.C. 7:26A-3.10(a)]
- 8. Any change affecting the conditions of this general approval requires the prior approval of the Department [N.J.A.C. 7:26A-3.10(b)1]
- 9. Any change to the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18, 3.19 or 3.20 requires the prior approval of the Department, except that changes in end-market information submitted pursuant to N.J.A.C. 7:26A-3.2(a) 7 shall not require the prior approval of the Department but shall be handled in accordance with N.J.A.C. 7:26A-3.10(f). [N.J.A.C. 7:26A-3.10(b)2]

- 10. The holder of this general approval shall notify the Department in writing of the intended modification and shall update the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18, 3.19 or 3.20. The holder of this general approval shall also provide written notice to the solid waste or recycling coordinator of the applicable county of any request to modify a general approval. [N.J.A.C. 7:26A-3.10(c)]
 11. The holder of this general holder is the theory of the solid is the provide written approval.
- 11. The holder of this general approval shall not institute the modification until it receives written approval from the Department [N.J.A.C. 7:26A-3.10(e)]
- 12. Within one week of any change to the end-market information submitted to the Department pursuant to N.J.A.C. 7:26A-3.2(a)7, the holder of this general approval shall submit to the Department a written notification which details any change in the use of the recyclable material transferred from the recycling center to an end-market or in the end-market location to which the recyclable material is transferred. The written notification shall be sent to: New Jersey Department of Environmental Protection, Division of Solid & Hazardous Waste, Bureau of Recycling & Hazardous Waste Management, P.O. Box 420, Mail Code 401-02C, Trenton, New Jersey 08625-0420. [N.J.A.C. 7:26A-3.10(f)]
- 13. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any provision of N.J.S.A. 13:1E-1 et seq., the New Jersey Statewide Mandatory Source Separation and Recycling Act, or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 13:1E-1 et seq. and the New Jersey Statewide Mandatory Source Separation and Recycling Act [N.J.A.C. 7:26A-3.13(a)1]
- 14. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any solid waste utility law at N.J.S.A. 48:2-1 et seq. or 48:13A-1 et seq., or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 48:2-1 et seq. or 48:13A-1 et seq [N.J.A.C. 7:26A-3.13(a)2]
- 15. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any provision of any laws related to pollution of the waters, air or land surfaces of the State or of any other State or Federal environmental laws including criminal laws related to environmental protection [N.J.A.C. 7:26A-3.13(a)3]
- 16. The Department may revoke this general approval upon a determination that the holder of the general approval has refused or failed to comply with any lawful order of the Department [N.J.A.C. 7:26A-3.13(a)4]
- 17. The Department may revoke this general approval upon a determination that the holder of the general approval has failed to comply with any of the conditions of this general approval issued by the Department [N.J.A.C. 7:26A-3.13(a)5]
- The Department may revoke this general approval upon a determination that the holder of the general approval has transferred a general approval to a new owner or operator pursuant to N.J.A.C.
 7:26A-3.15 without the prior approval of the Department [N.J.A.C. 7:26A-3.13(a)6]
- 19. The Department may revoke this general approval upon a determination that the holder of the general approval has failed to obtain any required permit or approval from the Department or other State or Federal agency [N.J.A.C. 7:26A-3.13(a)7]

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- The Department may revoke this general approval upon a determination that the holder of the general 20. approval has committed any of the acts which are criteria for denial of a general approval set forth in N.J.A.C. 7:26A-3.12. [N.J.A.C. 7:26A-3.13(a)8] This general approval shall not be transferred to a new owner or operator without the Department's 21. prior approval [N.J.A.C. 7:26A-3.15(a)] 22. A written request for permission to allow a transfer of this general approval must be received by the Department at least 60 days in advance of the proposed transfer of ownership or operational control of the recycling center. The request for approval shall include the following: the name, address and social security number of all prospective new owners or operators; a written certification by the proposed transferee that the terms and conditions contained in the general approval will be met by the proposed transferee; and a written agreement between the current owner or operator of the recycling center and the proposed new owner or operator containing a specific future date for transfer of ownership or operational control [N.J.A.C. 7:26A-3.15(a)1]
- 23. A new owner or operator may commence operations at the recycling center only after the existing approval has been revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5 [N.J.A.C. 7:26A-3.15(a)2]
- 24. The holder of this general approval remains liable for ensuring compliance with all conditions of the approval unless and until the existing approval is revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5 [N.J.A.C. 7:26A-3.15(a)3]
- 25. Compliance with the transfer requirements set forth at N.J.A.C. 7:26A-3.15 shall not relieve the holder of this general approval from the separate responsibility of providing notice of such transfer pursuant to the requirements of any other statutory or regulatory provision [N.J.A.C. 7:26A-3.15(a)4]
- 26. The transfer of a controlling interest in the stock or assets of the recycling center that is the subject of this general approval shall constitute a transfer of this general approval [N.J.A.C. 7:26A-3.15(b)]
- 27. The holder of this general approval shall maintain a daily record of the amounts of each recyclable material by type and municipality of origin which are received, stored, processed or transferred each day, expressed in tons, cubic yards, cubic feet or gallons. Those operators specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons [N.J.A.C. 7:26A-3.17(a)1]
- 28. The holder of this general approval shall maintain a daily record of the name, address and telephone number of the end-markets for all recyclable materials transported from the recycling center, including the amounts, in tons, cubic yards, cubic feet or gallons, transported to each end-market. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons [N.J.A.C. 7:26A-3.17(a)2]
- 29. The holder of this general approval shall maintain a daily record of the amount of residue disposed of, expressed in tons, cubic yards, cubic feet or gallons, including the name and New Jersey Department of Environmental Protection solid waste registration number of the solid waste collector/hauler contracted to provide the haulage/disposal service. Those persons specifying the amount of residue in cubic yards shall also indicate the conversion ratio of the residue from cubic yards to tons. [N.J.A.C. 7:26A-3.17(a)3]

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- 30. The holder of this general approval shall retain all Recyclable Material Receipt Forms required pursuant to N.J.A.C. 7:26A-3.2(a)16iii for three calendar years following the calendar year for which an annual report is required pursuant to N.J.A.C. 7:26A-3.17(c) [N.J.A.C. 7:26A-3.17(b)]
- 31. The holder of this general approval shall submit an annual report containing monthly summary statements of the information required pursuant to N.J.A.C. 7:26A-3.17(a) to the New Jersey Department of Environmental Protection, Division of Solid & Hazardous Waste, on or before March 1 of each year, for the previous calendar year. The summaries shall include the following: monthly totals of the amount of recyclable material received from each customer by municipality of origin; monthly totals of the amount of recyclable product transferred to each end-market; and the amount of residue disposed of during each month. [N.J.A.C. 7:26A-3.17(c)]
- 32. The holder of this general approval shall certify in writing to the Department that all residue generated at the recycling center has been disposed of in accordance with the solid waste management rules at N.J.A.C. 7:26. The certification shall be submitted annually as part of the annual report [N.J.A.C. 7:26A-3.17(e)]
- 33. All information submitted to the Department pursuant N.J.A.C. 7:26A shall be handled in accordance with the requirements of the Public Records law, N.J.S.A. 47:1-1 et seq. The Department will hold confidential all end-market information, as well as information pertaining to the municipality of origin of recyclable material, submitted pursuant to N.J.A.C 7:26A-3.2, 3.7, and 3.17 through 3.20 for a period of two years from the date on which the information is submitted to the Department, where specified as confidential by the applicant and where there are no health, safety or environmental concerns which require the release of the information, as determined by the Department. [N.J.A.C. 7:26A-3.17(f)]
- 34. The holder of this general approval shall provide a recycling tonnage report by March 1 of each year to all municipalities from which recyclable material is received in the previous calendar year. The report shall detail the amount of each source separated recyclable material, expressed in tons or cubic yards, brought to the recycling center, as well as the date on which the recyclable materials were delivered to the recycling center. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons. [N.J.A.C. 7:26A-4.4(a)]
- 35. The recycling center shall not commence operations unless and until it is included in the applicable district solid waste management plan [N.J.A.C. 7:26A-4.2]
- 36. The construction of the recycling center that is the subject of this general approval shall be in conformance with the New Jersey Uniform Construction Code, N.J.S.A. 52:27D-119 et seq., and the rules promulgated pursuant thereto [N.J.A.C. 7:26A-4.1(b)]
- 37. The New Jersey Department of Environmental Protection or an authorized representative acting pursuant to the County Environmental Health Act, N.J.S.A. 26:3A2-1 et seq. shall have the right to enter and inspect any building or other portion of the recycling center at any time in order to determine compliance with the provisions of all applicable laws or rules and regulations adopted pursuant thereto. This right to inspect includes, but is not limited to: sampling any materials on site; photographing any portion of the recycling center; investigating an actual or suspected source of pollution of the environment; and, ascertaining compliance or non-compliance with the statutes, rules or regulations of the Department, including conditions of the recycling center approval issued by the Department. [N.J.A.C. 7:26A-1.7(a)]

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- 38. The right of entry specified at N.J.A.C. 7:26A-1.7(a) shall be limited to normal operating hours for the purpose of reviewing and copying all applicable records, which shall be made available to the Department during an inspection and submitted to the Department upon request. [N.J.A.C. 7:26A-1.7(b)]
- 39. The facility shall comply with the general operating requirements for all Recycling Centers as provided at N.J.A.C. 7:26A-4.1 [N.J.A.C. 7:26A-4]

40. Upon notification from the Department that a State of Emergency, which may impact the facility's operations, has been declared by the Governor pursuant to the New Jersey Disaster Control Act at N.J.S.A. App. A:9-30 et seq., the permittee shall provide to the Division of Solid and Hazardous Waste a daily report on the operational status of the facility and the quantity of wastes received during the previous operating day or any other relevant information requested pursuant to N.J.S.A. App. A:9-36. The status report shall be submitted electronically to solidwasteemergencies@dep.nj.gov, or as otherwise directed by the Department, on forms, or in the format, provided by the Department and in compliance with the time frames established by the Department after the State of Emergency declaration. The status reports shall be submitted daily until the permittee is informed by the Department that the reports are no longer required for that State of Emergency. [N.J.A.C. 7:26A- 3.5(e)]

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- 41. A fire control plan for the recycling center shall be filed with and approved by the local fire official or other person of competent jurisdiction and shall be filed with the local municipal code enforcement officer prior to operation of a recycling center for tree stumps, tree parts or wood waste. [N.J.A.C. 7:26A-3.5(e)]
- 42. The Preparedness and Prevention Plan and the Contingency Plan contained in the approved documents must be maintained on-site and updated as necessary. [N.J.A.C. 7:26A-3.5(e)]
- 43. Upon detection of a release of contaminants to the environment, the facility shall perform the following cleanup steps: stop the release, contain the released contaminants, clean up and manage properly the released contaminants and other materials and if necessary, repair or replace any leaking soil containment systems prior to returning them to service. [N.J.A.C. 7:26A-3.5(e)]
- 44. Upon closure of the facility the owner or operator shall remove or decontaminate contaminated soils, containment system components, and structures and equipment and manage them as hazardous waste, unless the materials are not hazardous waste under NJAC 7:26G-5. [N.J.A.C. 7:26A-3.5(e)]
- 45. All equipment and portions of the facility designated for the storage or processing of contaminated soils shall be visually inspected each operating day for integrity and leaks. [N.J.A.C. 7:26A-3.5(e)]
- 46. Records shall be maintained for all visual inspections. These records shall document that inspections were performed, any problems found, and the subsequent correction of such problems. All records shall be kept for a minimum of three years. [N.J.A.C. 7:26A-3.5(e)]

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- 47. Prior to the acceptance of shipments of petroleum contaminated soil, potable water treatment residuals, carbon filtration media, street sweepings or slag, the facility shall have received, reviewed and approved a tracking form and records detailing each shipment. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. All tracking records must be kept for a minimum of three years. Records for each shipment shall include at least the following information: the name and address of the transporter who delivered the material to the facility, the name and address of the generator from whom the material was sent, the NJDEP registration number of the transporter, EPA ID number (if applicable) of the generator, the quantity of material accepted, analytical data and the date of acceptance. [N.J.A.C. 7:26A- 3.5(e)]
- 48. The facility shall maintain on-site a written operating record showing analysis records, tracking records, and summary reports of incidents requiring implementation of the contingency plan. This information shall be made available to Department personnel upon request and shall be kept for a minimum of three years. [N.J.A.C. 7:26A-3.5(e)]
- 49. The following source separated Class B recyclable materials, which have been separated at the point of generation from other waste materials or separated at a permitted solid waste facility authorized to separate recyclable materials, may be received, stored, processed or transferred at this facility:
 - a. Concrete, Asphalt, Brick & Block, Untreated Wood, and Glass Cullet

b. Non-Hazardous Petroleum Contaminated Soils that otherwise would be ID-27 if not recycled.

i. Only soil contaminated with the following compounds shall be accepted and processed at this facility: gasoline, kerosene, jet fuel, Numbers 1 through 6 fuel oil, polynuclear aromatic hydrocarbons (coal tars) and used oil. Used oil shall be defined as any oil that has been used and as a result of such use, is contaminated by physical or chemical impurities. No soils may be accepted that have been contaminated with materials that are other waste materials, or waste by-products, such as sludges. For the purpose of this approval, other waste materials are non-petroleum contaminants contained in the soil above the New Jersey Non-Residential Soil Remediation Standards.

ii. No soils with free petroleum product or other liquids, as determined by USEPA SW-846, Method 9095, Chapter 6.0, shall be accepted at the facility.

c. Slag Material (on a case by case basis per Condition 85 of this Approval).

50.

d. Potable Water Treatment Residuals, Carbon Filtration Media and Street Sweepings that meet New Jersey Non-Residential Soil Remediation Standards.

No hazardous waste, as defined by N.J.A.C. 7:26G-5, shall be accepted by the facility. [N.J.A.C. 7:26A-3.5(e)]

At no time shall the receipt, storage, processing, or transferring of non-source separated construction and demolition material be allowed at this recycling center. The prohibition of this material shall be strictly enforced and any incident shall be considered a serious violation to the conditions of this Approval. [N.J.A.C. 7:26A-3.5(e)]

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- 51. The recycling center may receive, store, process, or transfer source separated concrete, asphalt, brick & block, and glass cullet separately or in a commingled manner. Untreated wood shall be received, stored, processed and transferred separately and not commingled with other material types. Petroleum contaminated soil, street sweepings, potable water residuals and carbon filtration media shall be received separately and may only be blended together and managed in accordance with this Approval. Slag may only be accepted if approved by the Department on a case by case basis in accordance with Condition 85 of this Approval and shall be managed in accordance with this Approval. [N.J.A.C. 7:26A- 3.5(e)]
- 52. The maximum amount of contaminants, as defined in N.J.A.C. 7:26A-1.3, allowed in each incoming load of Class B recyclable material shall be limited to 1% by volume. Incidental by-product materials shall not be considered to be contaminants. [N.J.A.C. 7:26A-3.5(e)]
- 53. Incidental amounts of rebar, metal, soil, and other by-products which adhere to the Class B recyclable materials, as specified in this Approval, and which are returned to the economic mainstream as raw material or products, may be received, stored, processed, or transferred at this recycling center. The receipt of such incidental amounts of these materials need not be separately accounted for, but the storage and end-markets for these materials shall be subject to specific conditions of this Approval. [N.J.A.C. 7:26A-3.5(e)]
- 54. The holder of this general approval shall operate the recycling center and construct or install associated appurtenances thereto, in accordance with the provisions of N.J.A.C. 7:26A-1 et seq., the conditions of this general approval, and the general approval application documents. [N.J.A.C. 7:26A-3.5(e)]
- 55. In case of conflict, the provisions of N.J.A.C. 7:26A-1 et seq. shall have precedence over the conditions of this Approval, and the conditions of this Approval shall have precedence over plans and specifications listed above. [N.J.A.C. 7:26A- 3.5(e)]
- 56. One complete set of the general approval application documents, this general approval, and all records, reports and plans as may be required pursuant to this approval shall be kept on file at the recycling center and shall be available for inspection by authorized representatives of the Department or delegated agents upon presentation of credentials. [N.J.A.C. 7:26A-3.5(e)]
- 57. Hours of operation for receiving, storing, processing, or transferring the source separated recyclable material shall be: Twenty-Four (24) hours per day, Monday through Sunday. [N.J.A.C. 7:26A-3.5(e)]
- 58. Material deliveries to the recycling center shall be scheduled in such a manner as to minimize truck queuing on the recycling center property. Under no circumstances shall delivery trucks be allowed to back-up or queue onto public roads. [N.J.A.C. 7:26A-3.5(e)]

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59. The recycling center may receive no more than 2,800 tons per day of source separated material consisting of 2,000 tons per day of concrete, asphalt, brick & block, glass cullet; potable water treatment residuals, carbon filtration media limited to 500 tons per day; street sweepings are limited to 200 tons per day and 100 tons per day of untreated wood or slag.

The recycling center shall not accept more than 30,100 tons of petroleum contaminated soil per week and shall not accept more than 6,020 tons on any given day.

However, the combination of all Class B material accepted on a daily basis for a 7-day operation shall not exceed 7,100 tons per day and 8,820 tons per day for a 5-day operation (6,020 tons per day of petroleum contaminated soils for 5-day week plus 2,800 tons per day for all other approved Class B materials for 7-day week). [N.J.A.C. 7:26A- 3.5(e)]

60. Unprocessed material shall only be stored in those areas detailed on the approved site plan and specified in Conditions 74 and 77 of this approval. The total amount of unprocessed material stored in the areas shall not exceed the volumes depicted on the approved site plan and specified in Conditions 74 and 77 of this approval.

If at any time, the amount of unprocessed material exceeds the volumes depicted on the approved site plan and specified in Conditions 74 and 77 of the approval, the recycling center shall immediately cease receiving material until the amount of unprocessed material falls below the permitted volumes. [N.J.A.C. 7:26A- 3.5(e)]

- 61. Unprocessed recyclable material shall not remain on-site, in its unprocessed form, for more than one (1) year. [N.J.A.C. 7:26A-3.9(b)]
- 62. Processed material shall only be stored in those areas detailed on the approved site plan and specified in Conditions 74 and 77 of this approval. The total amount of processed material stored in the areas shall not exceed the volumes depicted on the approved site plan and specified in Conditions 74 and 77 of this approval.

If at any time, the amount of processed material exceeds the volumes depicted on the approved site plan and specified in Conditions 74 and 77 of the approval, the recycling center shall immediately cease processing activities until the amount of processed material falls below the permitted volumes. [N.J.A.C. 7:26A- 3.5(e)]

- 63. All processed material shall be stored separately from residues. [N.J.A.C. 7:26A-3.5(e)]
- 64. By-products shall be stored in the container(s) or area(s) as depicted on the approved site plan and shall be removed off-site to the end markets as referenced in the approved documents. [N.J.A.C. 7:26A-3.5(e)]
- 65. Horizontal and vertical control points for the unprocessed and processed materials stockpile areas shall be set and maintained on-site. Horizontal limitation markers shall be set at the corners of the stockpile areas as depicted on the approved site plan. Vertical limitation markers shall be set at locations in close proximity of the stockpile areas and shall clearly establish elevation heights per the maximum approved heights detailed in Conditions 74 & 77 of the Approval. [N.J.A.C. 7:26A-3.5(e)]

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- 66. Metal pipe or metal rods or the equivalent as approved by the Department shall be used to establish these control points. Within approximately thirty (30) days of the issuance of this Approval, a joint site inspection shall be held at the facility between the owner/operator and the representatives of the Department for the purpose of establishing the type and locations of these markers. [N.J.A.C. 7:26A-3.5(e)]
- 67. Ingress and egress into the facility shall be via Crows Mill Road. In addition, the facility has obtained a Waterfront Development permit that allows recyclable materials to be delivered via barge. The facility may receive Class B recyclable materials in accordance with their Waterfront Development permit. The facility is responsible for obtaining any local, county, state or federal permits that may be required for barging activities.

In the event of an on-site emergency, vehicular traffic may utilize Bayview Avenue. [N.J.A.C. 7:26A-3.5(e)]

- 68. Methods of effectively controlling dust shall be implemented at the facility in order to prevent offsite migration. [N.J.A.C. 7:26A-3.5(e)]
- 69. Fire fighting and emergency procedures shall be posted, and shall include the telephone numbers of local fire, police, ambulance, and hospital facilities. If a fire occurs on-site, the facility shall immediately notify the local fire official and report the incident to the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337. [N.J.A.C. 7:26A-3.5(e)]
- 70. Any suspected or prohibited hazardous waste, as defined at N.J.A.C. 7:26G-5, found in a load accepted at the recycling center shall not be returned to the generator. Such materials shall be segregated and stored in a secure manner and shall be immediately reported to the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337. The owner/operator of the recycling center shall secure the name of the collector/hauler suspected of delivering such waste to the facility and related information surrounding the incident, if available, and shall make this information known to N.J.D.E.P. enforcement personnel. Such material may be returned to a known generator, provided that specific permission to do so is received by the owner/operator after contacting 1-877-927-6337. Otherwise, the owner/operator shall dispose of the unauthorized waste in accordance with instructions received from the Department. [N.J.A.C. 7:26A- 3.5(e)]
- 71. All revisions to the site plan and the approved documents which may be required as a result of the above, shall be submitted to this office for modification to this Approval. [N.J.A.C. 7:26A-3.5(e)]
- 72. Pursuant to N.J.A.C. 7:26A-3.11(a), the holder of this general approval shall obtain prior approval from the Department for any increase in the design capacity of the facility. The facility shall submit a request to the Department, in writing, for the proposed increase and shall submit updated information pursuant to the requirements of N.J.A.C. 7:26A-3.2(a), 3.4, or 3.8, as applicable. The facility shall also provide written notice of the request to the solid waste or recycling coordinator of the applicable district. [N.J.A.C. 7:26A-3.5(e)]
- 73. The sampling plan, collection, preservation, and handling for the sampling and analysis as required in this Approval must be performed in accordance with the New Jersey Technical Requirements for Site Remediation at N.J.A.C. 7:26E and the latest edition of the New Jersey Department of
 - Environmental Protection, Hazardous Waste Programs, Field Sampling Procedures Manual. All analysis must be performed by a New Jersey certified laboratory using the most current approved test methodology. [N.J.A.C. 7:26A- 3.5(e)]

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74. Recyclable aggregate materials listed below may be stored in the following areas up to the maximum pile heights and maximum volumes detailed in the table below and as depicted on the facility's approved site plan:

Area A	Materials Processed/unprocessed concrete, asphalt, brick, block & rock	Height (ft) 40	Volume (cu yds) 142,072
A-1	Processed/unprocessed concrete, asphalt, brick, block & rock	22	3,046
В	Processed Material: Various sized aggregates/fill materials	31	7,560
С	Processed Material: Various sized aggregates/fill materials or Glass Cullet	25	9,000
D	Processed/Unprocessed concrete, asphalt, brick, block, rock, various sized aggregates/fill materials; and/or dredged materials	40	122,162
E	Processed/Unprocessed concrete, asphalt, brick, block, rock, various sized aggregates/fill materials. [N.J.A.C.	40 7:26A- 3.5(e)	38,052

- In addition to the end markets for processed soil given in Condition 78, the facility may ship 75. processed soil and processed soil blended with any combination of potable water treatment residuals, carbon filtration media and street sweepings off-site as non-waste material if it is to be used as subbase material for road or parking lot projects and meeting the following criteria: For processed soil to be used a subbase for road or parking lot construction, it shall be sampled and analyzed as follows: the processed soil shall be sampled and analyzed for extractable petroleum hydrocarbons (EPH) and all contaminants listed in the Department's Soil Remediation Standards at N.J.A.C. 7:26E. The sampling procedures shall be implemented in accordance with the New Jersey Technical Requirements for Site Remediation at N.J.A.C. 7:26E and the latest Field Sampling Procedures Manual and as follows: a) Every 800 cubic yards of processed soil shall be sampled and analyzed for the above contaminants in the following manner: a representative sample from every 100 cubic yards of processed soil shall be taken and these samples shall be composited into one sample and analyzed. When the volume of soil is less than 800 cubic yards, a representative sample of every 100 cubic yards, or fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. The analytical results shall indicate the soil meets the Non-Residential Soil Remediation Standards and contains less than 5,100 ppm of EPH. If the processed soil fails to achieve the criteria, it shall be shipped off-site as soild waste to an authorized solid waste facility. [N.J.A.C. 7:26A-3.5(e)]
- 76. Petroleum contaminated soil may be treated in the Low Temperature Thermal Desorption unit in accordance with the facility's Air Pollution Control Preconstruction Permit to Construct and Certificate to Operate functioning in compliance with N.J.A.C. 7:27-8. [N.J.A.C. 7:26A- 3.5(e)]

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77. In addition to the aggregate storage areas listed above, the following storage areas may also be used to stored Class B materials up to the maximum storage pile heights and volumes listed in the table below and as depicted on the approved site plan:

Are	ea Materials	Height (ft)	Volume (cu yds)
F	Indoor Storage of Processed or Unprocessed Soils	20	14,330
G	Indoor Storage of Unprocessed Soil	20	36,210
Η	Indoor Storage of Processed Soil for LTTD	20	5,590
I 7:20	Indoor Storage of Processed/Unprocessed Soil 5A- 3.5(e)]	20	2,950. [N.J.A.C.

- 78. For processed soil or processed soil blended with any combination of potable water treatment residuals, carbon filtration media or street sweepings to be shipped to end markets that have specific Department approved sampling and analytical requirements and acceptance criteria (such as alternative landfill cover materials at operating landfills or as fill or capping material at Brownfields sites with Department approved Remedial Action Workplans), the processed material shall be sampled and analyzed in accordance with those requirements. Any processed material that fails to meet the approved criteria may be reintroduced to the treatment process for further treatment. After further treatment, the processed material shall be re-sampled and analyzed as required to check if the criteria has been achieved. If the processed material fails to achieve the criteria, it shall be shipped off-site as solid waste to an authorized solid waste facility. [N.J.A.C. 7:26A- 3.5(e)]
- 79. Other uses for soil product produced by the facility may be allowed on a case-by-case basis as determined by use criteria and levels of contamination in accordance with Department guidance and regulations. Applications for case-specific determinations must be made to the Bureau of Transfer Stations & Recycling Facilities before shipment off-site as product. [N.J.A.C. 7:26A- 3.5(e)]
- 80. All analysis records must be kept for a minimum of three years and made available for inspection by state and local officials upon request. [N.J.A.C. 7:26A-3.5(e)]
- 81. Pursuant to N.J.A.C. 7:26A-3.2(a)18, the holder of the general approval shall ensure that all recycling activities authorized by this general approval are conducted in full compliance with the applicable Storm Water Management rules at N.J.A.C. 7:8-5 and 6 and the Pollutant Discharge Elimination System rules at N.J.A.C. 7:14A-24 and 25. In the event that compliance with the above rules require changes to the site plan or any operations authorized by this general approval, the holder of the general approval shall submit a modification application including a revised site plan within thirty (30) days of receiving all approvals/permits from the Department's Division of Water Quality to the Bureau of Recycling & Hazardous Waste Management for review and approval. [N.J.A.C. 7:26A-3.5(e)]

132397 CBG160002 Class B Recycling Ctr General Apprv -Modification Requirements Report

Subject Item: RCBG752785 - Class B Recycling Operations General Requirements

82. The following equipment or equivalent shall be available for site operations and shall be maintained in operable condition:

Description	VIN/SN
Eagle 1400-45-CC Portable Recyc	cling Plant 22212
Extec Crusher	7661
Low Temperature Thermal Desor	otion Unit ID #18437
Extec S5 Screener	11046
Extec E7-1 Screener	9643
Extec E7-2 Screener	9807
Extec E7-3 Screener	10470
Komptech 6000 Shredder	
CAT 320CL Excavator	EAG00151
CAT 322CL Excavator	BKJ00247
CAT 330DL Excavator	MWP02061
2005 CAT 740D Haul Truck	CAT00740AAXM02148
CAT 972H Loader	A7D00751
(2) CAT 980G Loader	AWH01696/AWH02069
(2) CAT 980H Loader	JMS01626/JMS02350
(2) CAT 980K Loader	OW7K01193/W7K00564
(2) CAT D400E	2YR00954/2YR00955
CAT D6R Dozer	5LN00676
(2) John Deere 400D	BE400DT201800/DW400DT613764
John Deere 844K	1DW844KXCDE655912
Komatsu PC400 LC-7 Excavator	SAA6D125E
(3) Linkbelt 350x2 Excavator	EKCJ9-3840/EKCK1-4572/EKCKO-1404

Requisite recycling center operations shall not be delayed or neglected for lack of required equipment or for equipment downtime. [N.J.A.C. 7:26- 3.5(e)3]

83. Sampling & Analytical Requirements for Materials Acceptance

1. Sampling and analytical parameters for the acceptance of petroleum contaminated soil shall be conducted in accordance with the requirements specified in the facility's current Air Pollution Preconstruction Permit and Certificate to Operate issued pursuant to N.J.A.C. 7:27-8.

2. Potable water treatment residuals, carbon filtration media and street sweepings shall only be accepted if the facility receives, reviews and approves a signed certification from the generator certifying the material meets the Department's non-residential soil remediation standards along with analytical results and rationale documenting the basis for the certification.

3. Sampling and analytical parameters for the acceptance of slag material shall be determined on a case by case basis per Condition 85 of this Approval.

4. No sampling and analysis is required for the acceptance of concrete, asphalt, brick & block, untreated wood, or glass cullet. [N.J.A.C. 7:26A-3]

84. Potable water treatment residuals, carbon filtration media, and street sweepings may be blended with petroleum contaminated soil following acceptance at the facility for the purpose of producing a soil product. [N.J.A.C. 7:26A- 3]
BAYSHORE RECYCLE #2 132397 CBG160002 Class B Recycling Ctr General Apprv -Modification Requirements Report

Subject Item: RCBG752785 - Class B Recycling Operations General Requirements

85. The acceptance of slag material shall be on a case by case basis. Analytical laboratory results shall be submitted to the Department prior to the facility accepting slag material. Only upon receiving Department approval shall slag be accepted at the facility. Slag material shall be blended with recycled aggregate at a ratio of 3:1 (3 parts recycled aggregate to 1 part slag). The blended slag shall be utilized as a sub-base material only and must be covered with either a concrete or asphalt impervious surface. [N.J.A.C. 7:26A-3 .5(e)]

IMPACT ENVIRONMENTAL



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May 15, 2020

Mr. James Sherrier **Environmental Waste Minimization. Inc.** 14 Brick Kiln Ct. Northampton, PA.

RE: IMP #13452-01-01-1001 805 Atlantic Ave Brooklyn, NY NYSDEC BCP Site No. C224228

Dear Mr. Sherrier:

Impact Environmental Consulting, Inc. ("Impact") is the authorized environmental compliance engineer for the disposal facility at the former NJ Zinc site located at 1120 Mauch Chunk Road, Palmerton, PA (managed by Phase III Environmental). Impact Environmental reviews analytical data and site background information for site-specific sources to evaluate acceptance of materials into the facility in compliance with the facility permit (PADEP Permit #: WMGR096NE003).

Impact Environmental has reviewed information regarding material from the above referenced site ("site"). The review included an evaluation of the following documents:

- Tank Closure Report dated September 2004, prepared by Don Carlo Environmental Services, Inc.
- Phase I ESA dated May 2015, prepared by Warren Panzer Engineers, Inc.
- Limited Phase II Subsurface Investigation Report dated May 2015, prepared by Warren Panzer Engineers, Inc.
- Phase I ESA dated September 2015, prepared by LANGAN.
- Limited Phase II ESI dated January 2016, prepared by LANGAN.
- Supplemental Soil Sampling Report dated January 2016, prepared by LANGAN.
- Limited Phase II ESI dated January 2016, prepared by LANGAN.
- Remedial Investigation Report dated May 1, 2019, prepared by LANGAN
- Waste Characterization Report dated September 18, 2019, prepared by LANGAN
- Laboratory Reports dated 1/27/20, 2/7/20, 2/10/20, & 2/20/20, prepared by Phoenix Environmental Laboratories, Inc.
- Laboratory Report dated 5/13/20, prepared by Phoenix Environmental Laboratories, Inc.

The analytical data subject to the reports was reviewed and compared with the facility permit requirements. Materials from the following sampling locations are acceptable and approved for reuse at the NJ Zinc – West Plant site:

See attached Sample Disposal Matrix

The material meets the definition of Regulated fill as defined in General Permit No. WMGR096. The volume of material represented by this approval is 3,000 CYD. The following non-analytical factors will apply:

Excluded Media	Asphalt Limitation	Treated & Untreated Wood Limitation	Slag/Ash/Cinder Limitation	Moisture Content Limitation	PID Readings (PPM)	Material Size Limit
MSW, Vegetation , Asbestos Containing Material (ACM)	NA	5%	5%	20%	NA	12"

Material will be accepted and managed in accordance with facility permits. Please feel free to contact me with any questions.

Sincerely, IMPACT ENVIRONMENTAL

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Richard Parrish President





SD 10/A_D1_/ 12	
SB-107A_B2_7-12	
SB-107A_C1_7-12	
SB-107A_D1_7-12	
SB-107A_12	
SB-107A_A1_12	
SB-107A_A2_12	
SB-107A_13	
SB-107A_A1_13	
SB-107A_B1_12	
SB107_11-12	
SB107A_11-12	
SB107_14-15	
SB107A_14-15	
SB107_15-16	



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SB-114_9	
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SB-114_A3_9	
SB-114_B1_9	
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SB-114_C1_9	
SB-114_C2_9	
SB-114_C3_9	
SB-114_10	
SB-114_A1_10	
SB-114_A2_10	
SB-114_A3_10	
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SB-114 C3 10	



IMPACT ENVIRONMENTAL



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June 10, 2020

Mr. James Sherrier **Environmental Waste Minimization. Inc.** 14 Brick Kiln Ct. Northampton, PA.

RE: IMP #13452-01-01-1001 805-825 Atlantic Ave (AKA 550 Clinton) Brooklyn, NY NYSDEC BCP Site No. C224228

Dear Mr. Sherrier:

Impact Environmental Consulting, Inc. ("Impact") is the authorized environmental compliance engineer for the disposal facility at the former NJ Zinc site located at 1120 Mauch Chunk Road, Palmerton, PA (managed by Phase III Environmental). Impact Environmental reviews analytical data and site background information for site-specific sources to evaluate acceptance of materials into the facility in compliance with the facility permit (PADEP Permit #: WMGR096NE003).

Impact Environmental has reviewed information regarding material from the above referenced site ("site"). The review included an evaluation of the following documents:

- Tank Closure Report dated September 2004, prepared by Don Carlo Environmental Services, Inc.
- Phase I ESA dated May 2015, prepared by Warren Panzer Engineers, Inc.
- Limited Phase II Subsurface Investigation Report dated May 2015, prepared by Warren Panzer Engineers, Inc.
- Phase I ESA dated September 2015, prepared by LANGAN.
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- Limited Phase II ESI dated January 2016, prepared by LANGAN.
- Remedial Investigation Report dated May 1, 2019, prepared by LANGAN
- Waste Characterization Report dated September 18, 2019, prepared by LANGAN
- Laboratory Reports dated 1/27/20, 2/7/20, 2/10/20, & 2/20/20, prepared by Phoenix Environmental Laboratories, Inc.

The analytical data subject to the reports was reviewed and compared with the facility permit requirements. Materials from the following sampling locations are conditionally acceptable and approved for reuse at the NJ Zinc – West Plant site pending a complete signed application:

See attached Sample Disposal Matrix

The material meets the definition of Regulated fill as defined in General Permit No. WMGR096. The volume of material represented by this conditional approval is 9,000 CYD. The following non-analytical factors will apply:

Excluded Media	Asphalt Limitation	Treated & Untreated Wood Limitation	Slag/Ash/Cinder Limitation	Moisture Content Limitation	PID Readings (PPM)	Material Size Limit
MSW, Vegetation , Asbestos Containing Material (ACM)	NA	5%	5%	20%	NA	12"

Material will be accepted and managed in accordance with facility permits. Please feel free to contact me with any questions.

Sincerely, IMPACT ENVIRONMENTAL

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Richard Parrish President





Palmerton Status

Grid/Layer

3D-114_D1_0	
SB-114_B2_8	
SB-114_C1_8	
SB-114_C2_8	
SB-114_C3_8	
SB-114_9	
SB-114_A1_9	
SB-114_A2_9	
SB-114_A3_9	
SB-114_B1_9	
SB-114_B2_9	
SB-114_C1_9	
SB-114_C2_9	
SB-114_C3_9	
SB-114_10	
SB-114_A1_10	
SB-114_A2_10	
SB-114_A3_10	
SB-114_B1_10	
SB-114_B2_10	
SB-114_C1_10	
SB-114_C2_10	
SB-114 C3 10	

Grid/Layer	Sample ID	Palmerton Status
	WC-05_0-1	
	WC-05_0-6	
	SB7a (1-2)	Approved
	SB115_0-2	
	SB116_0-1	(0-6')
	SB117_0-2	
	SB-118_0-2	
	WC-05_6-12	
	DUP01_20190618	
	WC-05_11-12	Approved
WC05	DUP02_20190618	
	SB115_7-8	(6-12')
	SB116_9-10	
	SB8	
	WC-05_12-18	
	WC-05_17-18	
	SB7b (14-15)	Approved
	SB115_15-16	
	SB116_15-17	(12-18')
	SB117_15-16	
	SB-118_15-17	
	SB117_18-20	
	SB-118_43-45	
	SB-118_67-69	
	SB101_66-67	
	SB107_21-23	
	DUP05_021318	
	SB107_26-28	
	SB107A_67-68	
	SB110_29-30	
	SB111_24-26	
	SB111_36-38	
Deeper than	SB112_22-24	Not Proposed
Excavation	SB112_26-28	Notrroposed
	SB114_30-31	
	SB114_39-40	
	SB115_22-24	
	SB115_31-32	
	SB116_30-31	
	SB116_33-34	
	SB116_37-38	
	SB116_42-43	
	SB117_24-25	
	DUP04_012918	
	SB117_67-68	
Deep Foundation	WC01/WC02_18-26	Not Approved
Elements (18-26')	WC04/WC05_18-20	Approved



November 6, 2019

Mr. Bruce Lack Phase III Environmental, LLC 1120 Mauch Chunk Road Palmerton, PA 18071-1110

 Re: Renewal of WMGR096
 Northface Business Park, Former NJ Zinc Co. West Plant Permit# WMGR096NE003
 APS ID# 973305, AUTH ID# 1237546
 Palmerton Borough, Carbon County

Dear Mr. Lack,

Last year the Department of Environmental Protection (DEP) notified all permittees who intended to continue authorized operations under general permit number WMGR096 that DEP was suspending the review of renewal applications until the following objectives were completed:

- DEP could thoughtfully consider the comments received in response to proposed modifications to WMGR096 (noticed in the *Pennsylvania Bulletin (PaB)* on October 6, 2018),
- DEP could revise WMGR096 based upon the aforementioned comments to generate a new draft of WMGR096 that would be noticed in the *PaB* to start another 60-day public comment period, and
- Revisions to the DEP's Management of Fill Policy, Doc. No. 258-2182-773 are published as final in the *PaB*.

The revisions to the Management of Fill Policy were published as final on November 2, 2019, and the policy will become effective on January 1, 2020. Additionally, DEP continues to work on proposed modifications based upon the comments received during the 2018 public comment period. As a result, DEP will continue to suspend the review of WMGR096 renewal applications and renew WMGR096 with the existing permit language for 18 months (through June 23, 2021). DEP will resume its review of your submitted renewal application after WMGR096 has been renoticed in the *PaB* with additional modifications for public comment

Northeast Regional Office

2 Public Square | Wilkes-Barre, PA 18701-1915 | 570.826.2511 | Fax 570.826.5448 | www.dep.pa.gov

Please be reminded that regulated fill containing a concentration of total PCBs greater than 2 parts per million (ppm) may be subject to regulation under the Toxic Substances Control Act (TSCA), 15 U.S.C. §§ 2601 *et seq.*, and 40 CFR Part 761, which is administered and implemented by the U.S. Environmental Protection Agency (EPA). If new sources of regulated are proposed for beneficial use, the permittee should contact the PCB Coordinator for EPA Region 3 by email at R3_PCB_Coor@epa.gov prior to transporting or accepting fill for use to determine if PCB-containing fill can be beneficially used.

Until DEP is able to act on your pending renewal application, your existing coverage under WMGR096 will automatically continue, provided you are in compliance with the terms and conditions of WMGR096. The terms and conditions of WMGR096 remain fully effective and enforceable pending the issuance or denial of the application for renewal for permit coverage.

Should you have any questions regarding the information conveyed in this letter, please contact Tracey McGurk at (570) 826-2076 or tmcgurk@pa.gov.

Sincerely,

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Roger Bellas Environmental Program Manager Bureau of Waste Management

Enclosure (WMGR096 General Permit)

cc: Ali Tarquino Morris, DEP CO Chris Solloway, DEP CO Impact Environmental Consulting, Inc. Borough of Palmerton Carbon County Carbon County Planning Commission



Waste Management Program

December 17, 2018

Mr. Bruce Lack Phase III Environmental, LLC 1120 Mauch Chunk Rd. Palmerton, PA 18071

Re: Phase III Environmental, LLC WMGR096-NE003 Permit Renewal Palmerton Borough, Carbon Co.

Dear Mr. Lack:

On July 16, 2018, the Department of Environmental Protection (DEP) received your application to renew coverage under the residual waste general permit, number WMGR096, to beneficially use regulated fill as a construction material. Subsequently, the Department published notice in the Pennsylvania Bulletin on October 6, 2018 of its intent to modify and renew WMGR096 and to accept public comment for 60-days on the draft proposed modifications to WMGR096. The public comment period closed on December 5, 2018.

DEP received a significant level of public interest on the proposed modifications to WMGR096. Due to the volume and extensiveness of the comments received, as well as the short amount of time available to evaluate the comments prior to the expiration date of WMGR096, the Department has determined that WMGR096 will be renewed with the existing permit language for one year, with the exception of one additional permit condition:

In the event that a timely and complete application for renewal has been submitted and the Department is unable, through no fault of the permittee, to reissue the general permit or approval for coverage before its current coverage expiration date, the terms and conditions of the approved coverage will automatically continue and will remain fully effective and enforceable pending the issuance or denial of the renewal for permit coverage, provided the permittee is, and has been, operating in compliance with the terms and conditions of the general permit.

This action will provide DEP with the appropriate amount of time to thoughtfully consider the comments received and evaluate whether additional modifications to WMGR096 are necessary. DEP plans to re-notice proposed modifications to WMGR096 in the *Pennsylvania Bulletin* and provide for another 60-day public comment period after the received comments have been appropriately evaluated and addressed.

Please be reminded that regulated fill containing a concentration of total PCBs greater than 2 parts per million (ppm) may be subject to regulation under the Toxic Substances Control Act (TSCA), 15 U.S.C. §§ 2601 *et seq.*, and 40 CFR Part 761, which is administered and implemented by the U.S. Environmental Protection Agency (EPA). If new sources of regulated fill are proposed for beneficial use, the permittee should contact the PCB Coordinator for EPA Region 3 by email at R3_PCB_Coor@epa.gov prior to transporting or accepting fill for use to determine if PCB-containing fill can be beneficially used.

At this time, DEP is suspending its review of your renewal application under WMGR096 to further consider the public comments received on the proposed revisions to the general permit and allow additional time to evaluate any permit modifications. The DEP will resume its review of your submitted renewal application after any revisions to the DEP's Management of Fill Policy, Doc. No. 258-2182-773 are published as final in the Pennsylvania Bulletin and WMGR096 has been issued with modifications.

Until DEP is able to act on your pending renewal application, your existing coverage under WMGR096 will automatically continue, provided you are in compliance with the terms and conditions of WMGR096. The terms and conditions of WMGR096 remain fully effective and enforceable pending the issuance or denial of the application for renewal for permit coverage.

Should you have any questions regarding the information conveyed in this letter, please contact Tracey McGurk at 570.826.2076 or tmcgurk@pa.gov.

Sincerely,

Pella

Roger Bellas Environmental Program Manager Bureau of Waste Management

cc: Mr. Richard Parrish, Impact Environmental Carbon County Planning Commission Carbon County Commissioners Palmerton Borough Ali Tarquino Morris, CO Chris Solloway, CO



BUREAU OF WASTE MANAGEMENT

DIVISION OF MUNICIPAL and RESIDUAL WASTE

GENERAL PERMIT WMGR096

REGULATED FILL

Issued: December 23, 2018

Expires: December 23, 2019

- 1. *Permitted Activities.* The approval herein granted is limited to the beneficial use of regulated fill as a construction material when moved offsite or received onsite. Regulated fill may only be moved to a property that is approved for construction and that is zoned and used exclusively for commercial and industrial uses or that is unzoned but is exclusively used for commercial and industrial uses (excluding parks, playgrounds, nursing homes, child care facilities, schools or other residential-style facilities or recreation areas). This permit does not authorize blending or processing of material to meet concentration limits in Table GP-1.
- 2. Definitions. The following terms, when used in this permit, have the following meanings:

"*Regulated fill*" is soil, rock, stone, dredged material, used asphalt, historic fill, and brick, block or concrete from construction and demolition activities that is separate from other waste and recognizable as such that has been affected by a spill or release of a regulated substance and the concentrations of regulated substances exceed the values in Table FP-1 of the Department's fill policy.

"Historic fill" is material (excluding landfills, waste piles and impoundments) used to bring an area to grade prior to 1988 that is a conglomeration of soil and residuals, such as ashes from the residential burning of wood and coal, incinerator ash, coal ash, slag, dredged material and construction and demolition waste. The term does not include iron or steel slag that is separate from residuals if it meets the coproduct definition and the requirements of 25 Pa. Code § 287.8. The term does not include coal ash that is separate from residuals if it is beneficially used in accordance with 25 Pa. Code Chapter 290.

- 3. Concentration limits. Regulated fill may not exceed the values in Table GP-1.
- 4. *Hazardous waste prohibited.* Material that is hazardous waste under Chapter 261a (relating to identification and listing of hazardous waste) may not be used under this permit.
- 5. *Proper management of fill.* Regulated fill may not be placed on a greenfield property not planned for development, or on a property currently used for or planned for residential use. Material containing concentrations of regulated substances that exceed the values in Table GP-1 may not be moved under the provisions of this general permit, but must be managed in accordance with the provisions of the Department's municipal or residual waste regulations.
- 6. *Proper management of dredged materials*. In addition to meeting the values in Table GP-1, regulated fill consisting of dredged material from tidal streams shall meet 250 mg/l for chlorides based on an SPLP analysis.
- 7. Proper management of fill materials containing metals. Regulated fill containing metals may be moved to a site if those metals concentrations meet either the concentration limits for metals in Table GP-1 or the background concentration, whichever is higher. Fill that exceeds the concentration limits must be placed as part of an approved construction project in such a manner that all direct contact exposure pathways are eliminated. The background concentration is defined as the concentration of a substance that is present at the site before beneficial use activities occur under this permit.

Background concentrations may be determined by taking a representative number of samples, based on the size of the site, from each of the receiving site and the fill proposed for beneficial use. The average concentration in the receiving site samples becomes the background concentration.

- 8. Notice to municipalities. A person that applies for coverage under this general permit shall submit a copy of the determination of applicability application to each municipality in which the beneficial use activities will be located a minimum of 60 days prior to initiating operations.
- 9. Sampling and analysis. Prior to the beneficial use, the permittee shall perform chemical analysis on representative samples of regulated fill for the appropriate parameters in accordance with the protocol in Appendix A to the Fill Policy. The chemical analyses required in this condition shall be performed by a laboratory accredited or registered for accreditation under the Pennsylvania Environmental Laboratory Accreditation Act of 2002. The operator of the facility shall inspect all incoming waste to ensure that the receipt of the waste is consistent with the permit.
- 10. Deed Acknowledgment for beneficial use of regulated fill. The permittee shall provide to the Department proof of a recorded deed notice that includes the exact location of the fill placed on the property, including longitude and latitude descriptions, and a description of the types of fill identified by sampling and analysis. The location and description shall be made a part of the deed for all future conveyances or transfers of the subject property. This deed notice may be provided as an ongoing part of the project or at the end of the completed project.
- 11. *Siting limitations*. Regulated fill shall not be beneficially used under this permit unless authorized in writing by the Department:
 - a. in the 100-year floodplain;
 - b. within 100 feet of a sinkhole or area draining into a sinkhole;
 - c. within 50 feet of a dwelling unless the owner has provided a written waiver consenting to the beneficial use being closer than 50 feet;
 - d. within 100 feet of a perennial stream;
 - e. within 300 feet of a water source unless the owner has provided a written waiver consenting to the beneficial use being closer than 300 feet;
 - f. within 300 feet of an exceptional value wetland, an exceptional value water or a high quality water.
 - g. The siting limitations in paragraph 11(a) are not applicable to the placement of regulated fill at a brownfield site provided the placement is in accordance with all other applicable requirements.
- 12. Water quality. Regulated fill shall not be placed in the waters of the Commonwealth.

- 13. *Nuisances*. Regulated fill shall not contain any free liquids based on visual inspection and shall not create public nuisances (for example objectionable odors) and shall minimize the generation of fugitive dust emissions related to operation of the facility.
- 14. *Stabilization*. Upon completion of areas where regulated fill is beneficially used, the areas shall be promptly vegetated or otherwise stabilized to minimize and control erosion if the construction activity is not undertaken within 30 days of fill placement.
- 15. *Mixing prohibited.* The regulated fill may not be mixed with other types of solid waste unless otherwise approved by the Department.
- 16. Storage and transportation. The storage and transportation of regulated fill shall be in a manner that does not create a nuisance or be harmful to the public health, safety or the environment. Storage and transportation shall comply with the requirements of 25 Pa. Code Chapters 285 or 299 (relating to storage, collection and transportation of municipal waste and residual waste), whichever is applicable to the waste type being stored or transported.
- 17. *Discharge of waste prohibited*. This permit does not authorize and shall not be construed as an approval to discharge any other waste, wastewater or runoff from the site where regulated fill originated or the site where regulated fill is beneficially used, to the land or waters of the Commonwealth.
- 18. Fugitive emissions. The permittee shall comply with any applicable fugitive emissions standards adopted under 25 Pa. Code §123.1 and 123.2.
- 19. *Erosion and sedimentation control.* An erosion and sedimentation control plan shall be implemented that is consistent with the applicable requirements of Chapter 102 (relating to erosion and sedimentation control). A copy of the approved stormwater management, and erosion and sedimentation control plans shall be maintained onsite during construction activities.
- 20. *Recordkeeping.* Records of analytical evaluations conducted on the regulated fill under this permit, daily records of the weight or volume of the regulated fill received, the placement locations, and the approved construction plans shall be kept onsite by the permittee and at the permittee's place of business. This information shall be available to the Department for inspection and submitted to the Department upon request. This waste analysis information shall be retained by the permittee for a minimum of 5 years.
- Relationship to local law. Nothing in this permit shall be construed to supersede, amend, or authorize a violation of any of the provisions of any valid and applicable local law, ordinance, or regulation, providing that said local law, ordinance, or regulation is not preempted by the Solid Waste Management Act, 35 PS §6018.101 <u>et seq.</u>; and the Municipal Waste Planning, Recycling and Waste Reduction Act of 1988, 53 P.S. §4000.101 <u>et seq.</u>
- 22. *Inspections.* As a condition of this permit and of the permittee's authority to conduct the activities authorized by this permit, the person receiving the fill hereby authorizes and consents to allow authorized employees or agents of the Department, without advance notice or search warrant, upon presentation of appropriate credentials and without delay, to have access to and to inspect all areas on

which solid waste management activities are being, will be, or have been conducted. This authorization and consent shall include consent to collect samples of waste, soils, water, or gases; to take photographs; to perform measurements, surveys, and other tests; to inspect any monitoring equipment; to inspect the methods of operation; and to inspect and/or copy documents, books, and papers required by the Department to be maintained. This permit condition is referenced in accordance with Sections 608 and 610(7) of The Solid Waste Management Act, 35 P.S. § 6018.608 and 6018.610(7). This condition in no way limits any other powers granted under the Solid Waste Management Act.

- 23. *Prevention of harm or threat of harm.* The activities authorized by this permit shall not harm or present a threat of harm to the health, safety, or welfare of the people or environment. The Department may modify, suspend, revoke, or reissue the authorization granted in this permit if it deems necessary to prevent harm or the threat of harm to the public health, the environment, or if the activities cannot be adequately regulated under the conditions of this permit.
- 24. *Individual permits*. The permittee shall comply with the terms and conditions of this general permit and with the environmental protection acts to the same extent as if the activities were covered by an individual permit. The Department may require the permittee to apply for, and obtain an individual permit or cease operation if the permittee is not in compliance with the conditions of this general permit or is conducting an activity that harms or presents a threat of harm to the health, safety or welfare of the people or the environment.
- 25. *Incorporation of application*. All activities conducted under the authorization granted in this permit shall be conducted in accordance with the permittee's application. Except to the extent that the permit states otherwise, the permittee shall use the regulated fill as described in the approved application.
- 26. *Permit application requirements*. Persons or municipalities that propose to beneficially use regulated fill by operating under the terms and conditions of this general permit after the date of permit issuance shall submit a determination of applicability application for each location of beneficial use. The application shall be sent to the Department's appropriate regional office that has jurisdiction for waste-related activities in the county where the regulated fill will be beneficially used. At a minimum, the following determination of applicability information shall be submitted on application forms provided by the Department:
 - a. Name and street address of the applicant;
 - b. Names, addresses, and locations of known or potential sources of regulated fill and estimated source weights or volumes;
 - c. Name, location, area and ownership of the location of beneficial use;
 - d. Documentation including laboratory analytical results and a certification by the permittee that the regulated fill meets the conditions of this general permit;
 - e. Number and title of the general permit;

- f. Proof that the beneficial use management activities are consistent with the general permit.
- g. A description of the activities that will take place and an estimated schedule for placement of regulated fill.
- h. If the size of the receiving site, where the beneficial use takes place, is greater than or equal to one acre, proof that a Pennsylvania Natural Diversity Inventory (PNDI) review at the site has been completed. This review should be in accordance with the Department's policy #400-0200-001, "Policy for Pennsylvania Natural Diversity Inventory Coordination During Permit Review and Evaluation" (Jan. 18, 2003) and all known occurrences must be resolved with the jurisdictional agency. If a PNDI review has been completed at the receiving site under another Department program, the report of that review and approval may be submitted to the Department to satisfy this permit application requirement.
- i. Signed and notarized statement by the person who seeks the "determination of applicability" to accept all conditions and operate under the terms and conditions of this general permit;
- j. Proof that copies of the "determination of applicability" have been submitted to each municipality, county, county planning agency and county health department where the beneficial use is located;
- k. Proof that the applicant has legal right to enter the land where the beneficial use will occur and perform the activities approved in Condition 1 of this permit and an irrevocable written consent from the landowner giving the Department permission to enter upon land where the applicant will be conducting waste management activities;
- 1. Information that identifies the applicant (i.e. individual, corporation, partnership, government agency, association, etc.) and related parties, including the names and addresses of every officer who has a financial interest in or controls the facility operation;
- m. Evidence must be provided by persons operating under this general permit of noncompliance with state and federal environmental laws and regulations;
- n. Independent contractors retained by the applicant to perform any activities authorized under this permit must comply with state and federal laws and regulations relating to environmental protection and transportation safety; and
- o. The non-refundable fee for a determination of applicability fee, as specified in the residual waste management regulations, payable to the "Commonwealth of Pennsylvania."
- 27. Commencement of activities. For persons or municipalities that propose to beneficially use regulated fill on nonresidential brownfields, the activities may commence after 60 working days from the date the determination of applicability application is submitted to the Department, unless otherwise instructed by the Department. A "brownfield" is defined as real property where regulated substances have been released and remain present. For persons or municipalities that propose to beneficially use regulated fill for one of the following, the activities may commence after 60 working days from the

date the determination of applicability application is submitted to the Department, unless otherwise instructed by the Department:

- a. on nonresidential greenfields;
- b. on properties where the area subject to regulated fill placement is larger than 10 acres; or
- c. on properties where waiver or modification of a siting limitation in Condition 11 has been requested.

A "greenfield" is defined as real property that is not a brownfield.

- 28. New sources of fill. If new sources of regulated fill are to be included at the approved beneficial use location, the permittee shall notify the Department in writing by submitting information in accordance with subparts (b) and (d) of Condition 26 above. A permittee may commence with beneficial use of the new source after 10 working days from the date the information is submitted to the Department, unless otherwise instructed by the Department.
- 29. *Expansions*. If the placement of additional regulated fill will be expanded beyond the permitted area, the permittee shall notify the Department in writing by submitting information in accordance with subparts (a)-(h) and (j) (k) of Condition 26 above. If additional regulated fill volumes are needed for the approved construction activities within the existing permitted area, the permittee shall submit a letter notifying the appropriate Department regional office. The letter shall include a description of the proposed changes and identify the additional volumes necessary.
- 30. Notification of changes in operator. Any person who is operating under the provisions of this permit shall immediately notify, in writing, the waste program Operations Manager of the appropriate regional office of the Department (address in attached list) within 30 days via certified mail of any changes in: the company name, address, owners, operators, and/or responsible officials of the company; the generator(s) of the regulated fill; the compliance status (e.g., violations) of any permit issued by the Department or federal government under the environmental protection acts
- 31. Determination that material is no longer waste. Regulated fill that meets all the terms and conditions of this permit and that does not exceed concentration limits in Table GP-1 shall cease to be waste once the regulated fill is placed. If dewasted regulated fill is subsequently excavated or moved beyond the area permitted for fill placement, it will then be subject to applicable requirements for the use of regulated fill.
- 32. *Revocation or suspension*. Failure of the measures herein approved to be performed as intended, or as designed, or in compliance with the applicable laws, rules and regulations, and terms and conditions of this permit, for any reason, shall be grounds for the revocation or suspension of the permittee's approval to operate under this permit.
- 33. *Renewal.* In the event that a timely and complete application for renewal has been submitted and the Department is unable, through no fault of the permittee, to reissue the general permit or approval for coverage before its current coverage expiration date, the terms and conditions of the approved coverage will automatically continue and will remain fully effective and enforceable pending the

issuance or denial of the renewal for permit coverage, provided the permittee is, and has been, operating in compliance with the terms and conditions of the general permit.

Table GP-1a Regulated Fill Concentration Limits for Organics

		Regulated Fill
PARAMETER		Total analysis
	CASRN	mg/kg
	83-32-9	4700
	208.05.8	0098
	205-50-50	3.6
ACEPHATE	30560-19-1	3.0
ACETALDEHYDE	75-07-0	0.63
ACETONE	67-64-1	110
ACETONITRILE	75-05-8	3.9
ACETOPHENONE	98-86-2	540
ACETYLAMINOFLUORENE, 2- (2AAF)	53-96-3	0.28
ACROLEIN	10-702-8	0.0014
ACRYLAMIDE	79-06-1	0.0024
ACRYLIC ACID	79-10-7	0.11
ACRYLONITRILE	107-13-1	0.037
ALACHLOR	15972-60-8	0.077
ALDICARB	116-06-3	0.12
ALDRIN	309-00-2	0.44
ALLYL ALCOHOL	107-18-6	1.2
AMINOBIPHENYL 4-	92-67-1	0.0046
AMITROLE	61-82-5	0.12
AMMONIA	7664-41-7	360
	7773-06-0	24
	62.53.3	0.34
	62-33-3	350
ANTHRACENE	120-12-7	0.13
ATRAZINE	1912-24-9	0.13
BAYGON (PROPOXUR)	114-26-1	0,057
BENOMYL	17804-35-2	970
BENTAZON	25057-89-0	45
BENZENE	71-43-2	0.13
BENZIDINE	92-87-5	0.34
BENZO[A]ANTHRACENE	56-55-3	110
BENZO[A]PYRENE	50-32-8	11
BENZO[B]FLUORANTHENE	205-99-2	110
BENZO[GHI]PERYLENE	191-24-2	180
BENZOKIFLUORANTHENE	207-08-9	610
BENZOIC ACID	65-85-0	7800
BENZOTRICHLORIDE	98-07-7	0.048
BENZYL ALCOHO	100-51-6	1100
	100-44-7	0.22
	319-84-6	0.19
BHC BETA	319-85-7	0.82
	319.86-8	30
	59.90.0	0.072
BHC, GAMINA (LINDANE)	02.53.4	2200
	92-32-4	0.017
BIS(2-CHLOROETHYL)ETHER	111-44-4	0.017
BIS(2-CHLORO-ISOPROPYL)ETHER	108-60-1	8
BIS(CHLOROMETHYL)ETHER	542-88-1	0.000044
BIS[2-ETHYLHEXYL] PHTHALATE	117-81-7	130
BISPHENOL A	80-05-7	2000
BROMACIL	314-40-9	2
BROMOCHLOROMETHANE	74-97-5	1.6
BROMODICHLOROMETHANE	75-27-4	3.4
BROMOMETHANE	74-83-9	0.54
BROMOXYNIL	1689-84-5	170
BROMOXYNIL OCTANOATE	1689-99-2	360
BUTADIENE, 1,3-	106-99-0	0.027
BUTYL ALCOHOL, N-	71-36-3	24
BITY ATE	2008-41-5	51
	104-51-8	2600
	135_08_8	980
	133-50-0	740
	38-06-0	(1 0
BUTYLBENZYL PHTHALATE	85-68-7	10000

Table GP-1a Regulated Fill Concentration Limits for Organics

		Regulated Fill
PARAMETER		Total analysis
	CASRN	mg/kg
CAPTAN	133-06-2	31
CARBARYL	63-25-2	41
CARBAZOLE	86-74-8	83
CARBOFURAN	1563-66-2	0.87
CARBON DISULFIDE	75-15-0	350
CARBON TETRACHLORIDE	56-23-5	0.26
CARBOXIN	5234-68-4	53
	133-90-4	1.6
	57-74-9	49
CHLORO-1 1-DIELUOROETHANE 1-	75-68-3	4800
	107-05-1	0.13
CHLOROACETOPHENONE 2-	532-27-4	0.026
	106-47-8	52
	108-90-7	61
	510-15-6	63
	100 60 3	6400
	124_48_1	3.2
	75 45 6	26
	75.00.3	19
	67.66.3	25
	01 59 7	18000
CHLORONAPHTHALENE, 2-	91-30-7 100.00 F	18
CHLORONITROBENZENE, P-	05 57 8	4.4
	120.00.9	0.07
	75.00.6	44
	1907 45 6	61
	1897-43-6	20
CHLOROTOLUENE, 0-	90-49-0	20
	2321-00-2 64002 72 2	71
	64902-72-3	650
CHEORTHAL-DIMETHYL (DACTHAL) (DCPA)	1001-32-1	220
	210-01-9	8.9
	1319-77-3	190
CRESOL, U- (METHYLPHENOL, 2-)	90-40-7	100
CRESOL, M (METHYLPHENOL, 3-)	106-39-4	100
CRESOL, P (METHYLPHENOL, 4-)	106-44-5	12
CRESOL, P-CHLORO-M-	59-50-7	0.0042
CROTONALDEHYDE	4170-30-3	0.0043
CROTONALDEMYDE, TRANS-	(23-73-9	1600
	109.04.1	3800
	100-94-1	2000
	66045.07.9	
	70 54 9	240
	72-54-6	170
	72-55-9	230
	102 22 1	10000
	2202 16 4	0.59
	05.80-7	0.016
	332_41_5	0.082
	52 70 2	11
	06 12 8	0.0093
DIBROMOBENZENE 1 4-	106-37-6	410
	106-93-4	0.0012
	74_05_3	77
	84-74-2	4100
	764_41_0	0.0039
	05-50-1	59
	5/1-72-1	61
	106.46.7	10
	01_0/_1	32
	01-04-1	52

Table GP-1aRegulated Fill Concentration Limits for Organics

		Regulated Fill
PARAMETER		Total analysis
	CASRN	mg/kg
DICHLORODIFLUOROMETHANE (FREON 12)	75-71-8	100
DICHLOROETHANE, 1,1-	75-34-3	2.7
DICHLOROETHANE, 1,2-	107-06-2	0.1
DICHLOROETHYLENE, 1,1-	75-35-4	0.19
DICHLOROETHYLENE, CIS-1,2-	156-59-2	1.6
DICHLOROETHYLENE, TRANS-1,2-	156-60-5	2.3
DICHLOROMETHANE (METHYLENE CHLORIDE)	75-09-2	0.076
DICHLOROPHENOL, 2,4-	120-83-2	1
DICHLOROPHENOXYACETIC ACID, 2,4- (2,4-D)	94-75-7	1.8
DICHLOROPROPANE, 1,2-	78-87-5	0.11
DICHLOROPROPENE, 1,3-	542-75-6	0.46
DICHLOROPROPIONIC ACID (DALAPON), 2,2-	75-99-0	5.3
DICHLORVOS	62-73-7	0.052
DICYCLOPENTADIENE	77-73-6	0.26
DIELDRIN	60-57-1	0.44
DIETHYL PHTHALATE	84-66-2	160
DIFLUBENZURON	35367-38-5	52
DIMETHOATE	60-51-5	0.77
DIMETHOXYBENZIDINE, 3,3-	119-90-4	64
DIMETHYLAMINOAZOBENZENE, P-	60-11-7	0.15
DIMETHYLANILINE, N.N-	000121-69-7	11
DIMETHYLBENZIDINE, 3,3-	000119-93-7	1.5
DIMETHYLPHENOL, 2.4-	105-67-9	87
DINITROBENZENE. 1.3-	99-65-0	0.049
DINITROPHENOL, 2.4-	51-28-5	0.46
DINITROTOLUENE. 2.4-	121-14-2	0.2
DINITROTOLUENE, 2.6- (2.6-DNT)	606-20-2	3
DINOSEB	88-85-7	0.29
DIOXANE, 1,4-	123-91-1	0.31
DIPHENAMID	957-51-7	12
DIPHENYLAMINE	122-39-4	12
DIPHENYLHYDRAZINE, 1,2-	122-66-7	0.58
DIQUAT	85-00-7	0.24
DISULFOTON	298-04-4	0.078
DIURON	330-54-1	0.86
ENDOSULFAN	115-29-7	61
ENDOSULFAN I (ALPHA)	959-98-8	260
ENDOSULFAN II (BETA)	33213-65-9	260
ENDOSULFAN SULFATE	1031-07-8	70
ENDOTHALL	145-73-3	4.1
ENDRIN	72-20-8	5.5
ÉPICHLOROHYDRIN	106-89-8	0.12
ETHEPHON	16672-87-0	5.9
ETHION	563-12-2	110
ETHOXYETHANOL, 2- (EGEE)	110-80-5	17
ETHYL ACETATE	141-78-6	470
ETHYL ACRYLATE	140-88-5	0.5
ETHYL BENZENE	100-41-4	46
ETHYL DIPROPYLTHIOCARBAMATE, S- (EPTC)	759-94-4	180
ETHYL ETHER	60-29-7	120
ETHYL METHACRYLATE	97-63-2	30
ETHYLENE GLYCOL	107-21-1	170
	96-45-7	0.034
	2104-64-5	0.31
FENAMIPHOS	22224-02-6	0.17
	51630-58-1	QA
	2164.17-2	25
	206-44.0	3200
FLIORENE	96-72-7	3800
	00-13-1	000

Table GP-1a Regulated Fill Concentration Limits for Organics

		Regulated Fill
PARAMETER	-	Total analysis
	CASRN	mg/kg
FLUOROTRICHLOROMETHANE (FREON 11)	75-69-4	87
FONOFOS	944-22-9	2.9
FORMALDEHYDE	50-00-0	12
FORMIC ACID	64-18-6	460
FOSETYL-AL	39148-24-8	27000
FURAN	110-00-9	0.87
FURFURAL	98-01-1	3.7
GLYPHOSATE	1071-83-6	620
HEPTACHLOR	76-44-8	0.68
HEPTACHLOR EPOXIDE	1024-57-3	1,1
HEXACHLOROBENZENE	118-74-1	0.96
HEXACHLOROBUTADIENE	87-68-3	1.2
HEXACHLOROCYCLOPENTADIENE	77-47-4	91
HEXACHLOROETHANE	67-72-1	0,56
HEXANE	110-54-3	1100
HEXYTHIAZOX (SAVEY)	78587-05-0	820
HYDRAZINE/HYDRAZINE SULFATE	302-01-2	0.00042
HYDROQUINONE	123-31-9	55
INDENO[1,2,3-CD]PYRENE	193-39-5	110
IPRODIONE	36734-19-7	1200
ISOBUTYL ALCOHOL	78-83-1	160
ISOPHORONE	78-59-1	1.9
KEPONE	143-50-0	2.2
MALATHION	121-75-5	34
MALEIC HYDRAZIDE	123-33-1	47
MANEB	12427-38-2	5.8
MERPHOS OXIDE	78-48-8	41
METHACRYLONITRILE	126-98-7	0.067
METHAMIDOPHOS	10265-92-6	0.063
METHANOL	67-56-1	120
METHOMYL	16752-77-5	3.2
METHOXYCHLOR	72-43-5	630
METHOXYETHANOL, 2-	109-86-4	1.1
METHYL ACETATE	79-20-9	1900
METHYL ACRYLATE	96-33-3	77
METHYL CHLORIDE	74-87-3	0.038
METHYL ETHYL KETONE	78-93-3	110
METHYL ISOBUTYL KETONE	108-10-1	6.3
METHYL METHACRYLATE	80-62-6	56
METHYL METHANESULFONATE	66-27-3	0.32
METHYL PARATHION	298-00-0	0.42
METHYL STYRENE (MIXED ISOMERS)	25013-15-4	340
METHYL TERT-BUTYL ETHER (MTBE)	1634-04-4	0.28
METHYLENE BIS(2-CHLOROANILINE), 4,4'-	101-14-4	15
METHYLNAPHTHALENE, 2-	91-57-6	8000
METHYLSTYRENE, ALPHA	98-83-9	250
NAPHTHALENE	91-20-3	25
NAPHTHYLAMINE, 1-	134-32-7	1.1
NAPHTHYLAMINE, 2-	91-59-8	0.046
NAPROPAMIDE	15299-99-7	2300
NITROANILINE, M-	99-09-2	0.091
NITROANILINE, 0-	88-74-4	0.1
NITROANILINE, P-	100-01-6	0,086
NITROBENZENE	98-95-3	2.2
NITROPHENOL, 2-	88-75-5	17
NITROPHENOL, 4-	100-02-7	4.1
NITROPROPANE, 2-	79-46-9	0.0011
NITROSODIETHYLAMINE, N-	55-18-5	0.000076
NITROSODIMETHYLAMINE, N-	62-75-9	0.00017
NITROSO-DI-N-BUTYLAMINE, N-	924-16-3	0.014

Table GP-1aRegulated Fill Concentration Limits for Organics

		Regulated Fill
PARAMETER		Total analysis
	CASRN	mg/kg
		0.0054
NITROSODI-N-PROPYLAMINE, N-	621-64-7	0,0051
NITROSODIPHENYLAMINE, N-	86-30-6	83
NITROSO-N-ETHYLUREA, N-	/59-/3-9	0.00022
OCTYL PHTHALATE, DI-N-	117-84-0	10000
OXAMYL (VYDATE)	23135-22-0	2.6
PARATHION	56-38-2	360
PCB-1016 (AROCLOR)	12674-11-2	200
PCB-1221 (AROCLOR)	11104-28-2	2,5
PCB-1232 (AROCLOR)	11141-16-5	2
PCB-1242 (AROCLOR)	53469-21-9	62
PCB-1248 (AROCLOR)	12672-29-6	44
PCB-1254 (AROCLOR)	11097-69-1	44
PCB-1260 (AROCLOR)	11096-82-5	130
PEBULATE	1114-71-2	860
PENTACHLOROBENZENE	608-93-5	660
PENTACHLORONITROBENZENE	82-68-8	20
PENTACHLOROPHENOL	87-86-5	5
PHENACETIN	62-44-2	46
PHENANTHRENE	85-01-8	10000
PHENOL	108-95-2	66
PHENYLENEDIAMINE, M-	108-45-2	8.6
PHENYLPHENOL, 2-	90-43-7	1900
PHORATE	298-02-2	0.88
PHTHALIC ANHYDRIDE	85-44-9	6200
PICLORAM	1918-02-1	7.4
PRONAMIDE	23950-58-5	3.1
PROPANIL	709-98-8	26
PROPHAM	122-42-9	48
PROPYLBENZENE, N-	103-65-1	780
PROPYLENE OXIDE	75-56-9	0.19
PYRENE	129-00-0	2200
PYRIDINE	110-86-1	0,22
QUINOLINE	91-22-5	0.074
QUIZALOFOP (ASSURE)	76578-14-8	47
RONNEL	299-84-3	800
SIMAZINE	122-34-9	0.15
STRYCHNINE	57-24-9	2.5
STYRENE	100-42-5	24
TEBUTHIURON	34014-18-1	83
TERBACIL	5902-51-2	2.2
TERBUFOS	13071-79-9	0.12
TETRACHLOROBENZENE, 1,2,4,5-	95-94-3	14
TETRACHLORODIBENZO-P-DIOXIN, 2,3,7,8- (TCDD)	1746-01-6	0,00053
TETRACHLOROETHANE, 1,1,1,2-	630-20-6	18
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	0.0093
TETRACHLOROETHYLENE (PCE)	127-18-4	0.43
TETRACHLOROPHENOL, 2,3,4,6-	58-90-2	950
TETRAETHYL LEAD	78-00-2	0.012
TETRAETHYLDITHIOPYROPHOSPHATE	3689-24-5	1.5
THIOFANOX	39196-18-4	0.34
THIRAM	137-26-8	130
TOLUENE	108-88-3	44
TOLUIDINE, M-	108-44-1	0.51
TOLUIDINÉ, O-	95-53-4	1.2
TOLUIDINE, P-	106-49-0	1.3
TOXAPHENE	8001-35-2	1.2
TRIALLATE	2303-17-5	660
TRIBROMOMETHANE (BROMOFORM)	75-25-2	4.4
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	53000
TRICHLOROBENZENE, 1,2,4-	120-82-1	27

Table GP-1a
Regulated Fill Concentration Limits for Organics

		Regulated Fill
PARAMÉTER		Total analysis
	CASRN	mg/kg
TRICHLOROBENZENE, 1,3,5-	108-70-3	31
TRICHLOROETHANE, 1,1,1-	71-55-6	7.2
TRICHLOROETHANE, 1,1,2-	79-00-5	0.15
TRICHLOROETHYLENE (TCE)	79-01-6	0.17
TRICHLOROPHENOL, 2,4,5-	95-95-4	6100
TRICHLOROPHENOL, 2,4,6-	88-06-2	8.9
TRICHLOROPHENOXYACETIC ACID, 2,4,5- (2,4,5-T)	93-76-5	1.5
TRICHLOROPHENOXYPROPIONIC ACID, 2,4,5- (2,4,5-TP)	93-72-1	22
TRICHLOROPROPANE, 1,1,2-	598-77-6	8.7
TRICHLOROPROPANE, 1,2,3-	96-18-4	0.82
TRICHLOROPROPENE, 1,2,3-	96-19-5	30
TRIFLURALIN	1582-09-8	0.96
TRIMETHYLBENZENE, 1,3,4- (TRIMETHYLBENZENE, 1,2,4-)	95-63-6	20
TRIMETHYLBENZENE, 1,3,5-	108-67-8	6.2
TRINITROTOLUENE, 2,4,6-	118-96-7	0.023
VINYL ACETATE	108-05-4	14
VINYL BROMIDE (BROMOETHENE)	593-60-2	0.28
VINYL CHLORIDE	75-01-4	0.027
WARFARIN	81-81-2	7.4
XYLENES (TOTAL)	1330-20-7	990
ZINEB	12122-67-7	81

Table GP-1b Regulated Fill Concentration Limits for Metals and Inorganics

		Regulated Fill
	CASON	
PARAMETER	CASRN	Total Analysis
		mg/kg
ALUMINUM	7429-90-5	190000
ANTIMONY	7440-36-0	27
ARSENIC	7440-38-2	53
BARIUM AND COMPOUNDS	7440-39-3	8200
BERYLLIUM	7440-41-7	320
BORON AND COMPOUNDS	7440-42-8	6.7
CADMIUM	7440-43-9	38
CHROMIUM III	16065-83-1	190000
CHROMIUM VI	18540-29-9	190
COBALT	7440-48-4	22
COPPER	7440-50-8	36000
CYANIDE, FREE	57-12-5	200
IRON	7439-89-6	190000
LEAD	7439-92-1	450
MANGANESE	7439-96-5	190000
MERCURY	7439-97-6	10
NICKEL	7440-02-0	650
NITRATE NITROGEN	14797-55-8	na
NITRITE NITROGEN	14797-65-0	na
SELENIUM	7782-49-2	26
SILVER	7440-22-4	84
THALLIUM	7440-28-0	14
TIN	7440-31-5	680
VANADIUM	7440-62-2	72000
ZINC	7440-66-6	12000



September 17, 2014

Phase III Environmental, LLC c/o Mr. Bruce A. Lack 1120 Mauch Chunk Road Palmerton, PA 18071

Re: Background Lead Concentration Phase III Environmental, LLC Palmerton Borough, Carbon County General Permit # WMGR096NE003

Dear Mr. Lack:

We are writing in response to your May 8, 2013 letter requesting to establish a background concentration for lead under general permit WMGR096NE003. The Waste Management Program has reviewed your request and hereby approves a background lead concentration level of 1,000 mg/kg for the above referenced site. The approved background lead concentration level of 1,000 mg/kg is consistent with the Act 2 Medium Specific Concentrations (MSCs) for Non-Residential Direct Contact.

If you have any questions regarding this matter, please contact me at (570) 830-3111.

Sincerely,

Jeffrey Spaide, P.E. Environmental Engineer Manager Waste Management Program

Cc: Palmerton Borough Carbon County

www.depweb.state.pa.us

APPROVAL OF COVERAGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) INDIVIDUAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES

NPDES PERMIT	NO:	PAI021309005R	PRIMARY FAC	ILITY ID:	783048
AUTHORIZATIO	N NO:	1052535	SUBFACILITY I	D:	1153395
APS NO.:		858758	-		
SITE/PROJECT		& ADDRESS		ME & AD	DRESS
Name:	Form	er New Jersey Zinc West Plant	Name:	Phase III Environmental	
			Client ID:	278059	
Location:	2.9 m S.R. 2	iles southeast of the intersection of 248 and I-476	Address:	1120 Ma	auch Chunk Road
Address:	Palme	erton Borough, Carbon County			
City, State, Zip:	Palme	erton, PA 18071-1110	City, State, Zip:	Palmerto	on, PA 18071-1110
Phone:			Phone:	(631) 26	9-8800

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq.* ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq.*, the Department of Environmental Protection hereby approves the Notice of Intent (NOI)/application submitted for coverage to discharge stormwater from an earth disturbance activity that involves equal to or greater than one acre of earth disturbance on any portion, part, or during any stage of, a larger common plan of development or sale that involves equal to or greater than one acre of earth disturbance acre of earth disturbance, to the following surface water(s) of this Commonwealth: Lehigh River (TSF)

subject to the Department's effluent limitations, monitoring and reporting requirements, and other terms, conditions, criteria, and special requirements for the discharge of stormwater associated, in whole or in part, with construction activity, as defined in this individual permit, to surface waters of this Commonwealth, including through municipal separate storm sewers and nonmunicipal separate storm sewers. Authorization to discharge is subject to the implementation of the plans and additional associated information submitted as part of the application.

APPROVAL TO DISCHARGE IN ACCORDANCE WITH THE TERMS AND CONDITIONS HEREIN MAY COMMENCE ON THE DATE OF THE APPROVAL OF COVERAGE, AND IS VALID FOR A PERIOD OF FIVE YEARS WHEN CONDUCTED PURSUANT TO SUCH TERMS AND CONDITIONS. COVERAGE MAY BE EXTENDED BY THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT IF A TIMELY, COMPLETE AND ACCEPTABLE APPLICATION FOR RENEWAL IS SUBMITTED TO THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT AT LEAST 180 DAYS PRIOR TO DATE OF COVERAGE TERMINATION. THE PERMIT MAY BE TERMINATED PRIOR TO THE EXPIRATION DATE UPON RECEIPT AND ACKNOWLEDGEMENT OF A NOTICE OF TERMINATION FORM AND APPROVAL BY THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT. NO CONDITION OF THIS PERMIT SHALL RELEASE THE PERMITTEE OR COPERMITTEE FROM ANY RESPONSIBILITY OR REQUIREMENT UNDER PENNSYLVANIA, OR FEDERAL ENVIRONMENTAL STATUTES, REGULATIONS, OR LOCAL ORDINANCES.

COVERAGE APPROVAL DATE: January 29, 2015
Joseph J. Buczynski, P.E.

COVERAGE EXPIRATION DATE: January 28, 2020

______TITLE: <u>Environmental Program Manager</u> <u>Waterways and Wetlands Program</u>

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INDIVIDUAL NPDES

PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES

This permit applies to earth disturbance activities that disturb equal to or greater than one (1) acre, or an earth disturbance on any portion, part, or during any stage of, a larger common plan of development or sale that involves equal to or greater than one (1) acre of earth disturbance.

This permit does not apply to agricultural plowing and tilling, animal heavy use areas, timber harvesting activities, and road maintenance activities.

Earth disturbance activities associated with oil and gas exploration, production, processing or treatment operations, or transmission facilities may be required to obtain permit coverage under the Erosion and Sediment Control General Permit (ESCGP).

1. DEFINITIONS

Note: Terms used in this permit not otherwise defined herein shall have the meaning attributed to them in 40 CFR Part 122 and 25 Pa. Code Chapters 92a, 93, 96, 102 or 105.

Administrator - The Environmental Protection Agency (EPA) regional administrator.

Antidegradation Best Available Combination of Technologies (ABACT) – Environmentally sound and cost effective treatment, land disposal, pollution prevention and stormwater re-use BMPs that individually or collectively manage the difference in the net change in stormwater volume, rate, and quality for storm events up to and including the 2 year/24 hour storm when compared to the stormwater rate, volume, and quality prior to the earth disturbance activities to maintain and protect the existing quality of the receiving surface waters of this Commonwealth.

Accelerated Erosion – The removal of the surface of the land through the combined action of human activities and the natural processes, at a rate greater than would occur because of the natural process alone.

Authorized Conservation District – A conservation district, as defined in Section 3(c) of The Conservation District Law (3 P.S. § 851(c), as amended) that has the authority under a delegation agreement executed with the Department to administer and enforce all or a portion of the erosion, sediment, and stormwater management program in the Commonwealth of Pennsylvania.

Best Management Practices (BMPs) – Activities, facilities, measures, planning, or procedures used to minimize accelerated erosion and sedimentation and manage stormwater to protect, maintain, reclaim, and restore the quality of waters and the existing and designated uses of waters of this Commonwealth before, during, and after earth disturbance activities.

Clean Fill – Uncontaminated, nonwater soluble, nondecomposable, inert, solid material to include soil, rock, stone, dredged material, used asphalt, and brick, block, or concrete from construction and demolition activities that is separate from other waste and is recognizable as such. The term does not include materials placed in or on the waters of this Commonwealth unless otherwise authorized. The term "used asphalt" does not include milled asphalt or asphalt that has been processed for re-use.

Co-Permittee – Person(s) identified in this permit as responsible for the discharges of stormwater associated with construction activity who is jointly and individually responsible together with the permittee for compliance with all conditions of this permit and applicable laws.

Critical Stages – The installation of underground treatment BMPs, structurally engineered BMPs, or other BMPs as deemed appropriate by the Department or the authorized conservation district.

CSO – Abbreviation for Combined Sewer Overflows

Department – The Department of Environmental Protection of this Commonwealth.

Director - The Director of the Bureau of Waterways Engineering and Wetlands, or any authorized employee thereof.

Earth Disturbance Activity – A construction or other human activity which disturbs the surface of the land, including land clearing and grubbing, grading, excavations, embankments, land development, agricultural plowing or tilling, operation of animal heavy use areas, timber harvesting activities, road maintenance activities, oil and gas activities, well drilling, mineral extraction, and the moving, depositing, stockpiling, or storing of soil, rock, or earth materials.

Effluent Limitation or Standard – A restriction established by the Department or the Administrator on quantities, rates, and concentrations of chemical, physical, biological, and other constituents which are discharged from point sources into surface waters including BMPs and schedules of compliance.

EPA – Abbreviation for the Environmental Protection Agency

Erosion - The natural process by which the surface of the land is worn away by water, wind, or chemical action.

Erosion and Sediment Control Plan (E&S Plan) – A site-specific plan consisting of both drawings and a narrative that identifies BMPs to minimize accelerated erosion and sedimentation before, during, and after earth disturbance activities.

Licensed Professional – Professional engineers, landscape architects, geologists, and land surveyors licensed to practice in the Commonwealth.

Long-term Operation and Maintenance – The routine inspection, maintenance, repair, or replacement of a BMP to ensure proper function for the duration of time that the BMP is needed.

MCM – Abbreviation standing for Minimum Control Measure.

MS4 – Abbreviation standing for Municipal Separate Storm Sewer System. A separate storm sewer (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels or storm drains) which is all of the following:

- (i) Owned or operated by a State, city, town, borough, county, district, association or other public body (created by or under state law) having jurisdiction over disposal of sewage, industrial wastes, stormwater or other wastes, including special districts under state law such as a sewer district, flood control district, or drainage district, or similar entity, or a designated and approved management agency under Section 208 of the Federal Act (33 U.S.C.A. § 1288) that discharges to surface waters of this Commonwealth.
- (ii) Designed or used for collecting or conveying stormwater.
- (iii) Not a combined sewer.
- (iv) Not part of a POTW.

Municipality – A county, city, borough, town, township, school district, institution, or authority, or another public body created by or pursuant to State Law. For the purposes of this definition, town includes an incorporated town.

Notice of Termination (NOT) – A request, on a form provided by the Department, to terminate coverage under an Individual NPDES Permit for Stormwater Discharges Associated with Construction Activities.

Nondischarge Alternative – Environmentally sound and cost effective BMPs that individually or collectively eliminate the net change in stormwater volume, rate, and quality for stormwater events up to and including the 2 year/24 hour storm when compared to the stormwater rate, volume, and quality prior to the earth disturbance activities to maintain and protect the existing quality of the receiving surface waters of this Commonwealth.

Operator – A person who has one or more of the following:

- (i) Oversight responsibility of earth disturbance activity on a project site or a portion thereof, who has the ability to make modifications to the E&S Plan, PCSM Plan, or site specifications.
- (ii) Day-to-day operational control over earth disturbance activity on a project site or a portion thereof to ensure compliance with the E&S Plan or PCSM Plan.

Owner – A person(s) who holds the legal title to the land subject to construction activity. This term also includes the person(s) who held legal title to the land subject to construction activity at the time such activity was commenced on a site.

Permanent Stabilization - Long-term protection of soil and water resources from accelerated erosion.

Permit Application – A request, on a form provided by the Department, for coverage under an Individual NPDES Permit for Stormwater Discharges Associated with Construction Activities.

Person – Any operator, individual, public or private corporation, partnership, association, municipality or political subdivision of this Commonwealth, institution, authority, firm, trust, estate, receiver, guardian, personal representative, successor, joint venture, joint stock company, fiduciary; Department, agency or instrumentality of state, federal, or local government, or an agent or employee thereof; or any other legal entity. Whenever used in any clause prescribing and imposing a penalty, or imposing a fine or imprisonment or both, the term "person" shall not exclude the members of an association and the directors, officers, or agents of a corporation.

Point Source – Any discernible, confined, and discrete conveyance, including, but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, or vessel, or other floating craft, from which pollutants are or may be discharged.

Post Construction Stormwater – Stormwater associated with a project site after the earth disturbance activity has been completed and the project site is permanently stabilized.

Post Construction Stormwater Management Plan (PCSM Plan) – A site-specific plan consisting of both drawings and a narrative that identifies BMPs to manage changes in stormwater runoff volume, rate, and water quality after earth disturbance activities have ended and the project site is permanently stabilized.

Preparedness, Prevention, and Contingency Plan (PPC Plan) – A written plan that identifies an emergency response program, material and waste inventory, spill and leak prevention and response, inspection program, housekeeping program, security and external factors, and that is developed and implemented at the construction site to control potential discharges of pollutants other than sediment into waters of this Commonwealth.

Project site – The entire area of activity, development, lease, or sale including:

- (i) The area of the earth disturbance activity.
- (ii) The area planned for the earth disturbance activity.
- (iii) Other areas which are not subject to earth disturbance activity.

Riparian Buffer – A BMP that is an area of permanent vegetation along surface waters.

Riparian Forest Buffer – A type of riparian buffer that consists of permanent vegetation that is predominantly native trees, shrubs, and forbs along surface waters that is maintained in a natural state or sustainably managed to protect and enhance water quality, stabilize stream channels and banks, and separate land use activities from surface waters.

Runoff Coefficient -- The fraction of total rainfall that will appear at the conveyance as runoff.

Stabilization – The proper placing, grading, constructing, reinforcing, lining, and covering of soil, rock, or earth to ensure their resistance to erosion, sliding, or other movement.

Stormwater - Runoff from precipitation, snow melt runoff, surface runoff, and drainage.

Surface Waters – Perennial and intermittent streams, rivers, lakes, reservoirs, ponds, wetlands, springs, natural seeps, and estuaries, excluding water at facilities approved for wastewater treatment such as wastewater treatment impoundments, cooling water ponds, and constructed wetlands used as part of a wastewater treatment process.

Total Maximum Daily Load (TMDL) – The sum of the individual wasteload allocations for point sources, load allocations for nonpoint sources, a margin of safety and natural background. TMDLs can be expressed in mass per time, toxicity, or other appropriate measures.

Transferee – Person(s) identified through the co-permittee/transferee form as having new responsibility for the discharges of stormwater during construction activities and responsibility for compliance with all conditions of this permit and all applicable laws for discharges of stormwater during the construction activity.

Waters of this Commonwealth – Rivers, streams, creeks, rivulets, impoundments, ditches, watercourses, storm sewers, lakes, dammed water, wetlands, ponds, springs, and other bodies or channels of conveyance of surface and underground water, or parts thereof, whether natural or artificial, within or on the boundaries of this Commonwealth.

Wetlands – Areas that are inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions, including swamps, marshes, bogs, and similar areas.

2. AUTHORITY AND RESPONSIBILITIES OF THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICTS

- a. The Department or authorized conservation district may notify the permittee at any time that the permit terms and conditions are not being met. Upon plan review or site inspection, the Department or authorized conservation district, may require E&S Plan revisions or other appropriate action to ensure compliance with the conditions of this permit.
- b. The Department or authorized conservation district has the right to enter onto the site to conduct inspections, conduct monitoring, or require monitoring where necessary in appropriate circumstances such as where a danger of water pollution or degradation is present, or water pollution or degradation is suspected to be occurring from a construction activity subject to this permit. The permittee and co-permittee shall commence such monitoring upon notification from the Department or authorized conservation district. Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.
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c. The Department or authorized conservation district may request copies of records required by this permit, which could include the records required under Part A, Section 3 of this permit.

3. PERMIT APPLICATION SUBMITTAL

- a. General Information and Requirements
 - (1) Persons proposing to discharge stormwater associated with construction activities and eligible persons proposing to expand the scope of a previously authorized construction activity which discharges stormwater, who wish to be covered by this individual permit, must submit a complete and acceptable permit application to the Department or authorized conservation district and receive authorization from the Department prior to commencing the construction activity. The application shall be filed in accordance with the detailed instructions specified in the application instruction package.
 - (2) Operators of all construction activities shall develop, implement, and maintain erosion and sediment (E&S) and post construction stormwater management (PCSM) BMPs and other pollution prevention measures required by this permit to minimize accelerated erosion and sedimentation before, during, and after construction activities.
 - (3) E&S control BMPs shall be designed and implemented to meet the standards and specifications identified in the Department's regulations, including 25 Pa. Code § 102.4 (relating to Erosion and Sediment Control requirements) and 102.11(a)(1) (relating to general requirements), and listed in the Department's *Erosion* and Sediment Pollution Control Program Manual, No. 363-2134-008, as amended and updated, or an approved alternative that is at least as effective or better, when legally authorized.
 - (4) PCSM BMPs shall be designed and implemented to meet the standards and specifications identified in the Department's regulations, including 25 Pa. Code § 102.8 (relating to PCSM requirements) and 102.11(a)(2), and listed in the Department's *Pennsylvania Stormwater Best Management Practices Manual*, No. 363-0300-002, as amended and updated, or approved alternative that is as at least as effective or better, when legally authorized.
 - (5) The E&S Plan, PCSM Plan, and PPC Plan shall identify appropriate BMPs that will be implemented to ensure that existing and designated uses of surface waters are protected and maintained.
 - (6) The permittee or co-permittee shall have the E&S Plan, PCSM Plan, PPC Plan, and other documents required by this permit maintained at the site and available for review by the Department, authorized conservation district, or other authorized local, state, or federal agent or representative.
- b. Persons requesting a renewal of coverage under this Permit must submit to the Department or authorized conservation district, a complete and acceptable application, at least 180 days prior to the expiration date of the coverage, unless permission has been granted by the Department or authorized conservation district for submission at a later date. In the event that a timely, complete, and acceptable application for renewal of coverage has been submitted and the Department or authorized conversation district is unable, through no fault of the permittee, to reissue the approval of coverage before the expiration date of the approved coverage, the terms and conditions of the approved coverage will be automatically continued and will remain fully effective and enforceable pending the issuance or denial of the renewal of coverage, provided the permittee is, and has been, operating in compliance with the terms and conditions of the permittee shall be responsible for complying with the final renewed, reissued, or amended Permit.
- c. Applications for which a payment (check, electronic transfer, etc.) for either a base permit fee or a disturbed acreage fee have been processed as part of an complete application that are returned for insufficient funds will be suspended until sufficient funds are provided. Any earth disturbance activity that has been authorized by the permit but the Department or conversation district is notified at a later date that the permit application fee(s) were not paid will be immediately suspended and the site must be immediately stabilized until the fees or sufficient funds are received. If the fees/funds are not received and paid in full within 30 days, the permit authorization will be revoked.
- d. No condition of this permit shall release the permittee or co-permittee from any responsibility or requirement under other federal or Pennsylvania environmental statutes or regulations or local ordinances.
- e. The approval of coverage is granted based, in part, on information provided by the applicant in the application. The information provided by the applicant, including all appendices, attachments, plans, and supporting documentation, are incorporated by reference as a part of the approval and are enforceable as a condition of the approval. If there is any conflict between the permit and the application, including any appendices,

attachments, plans, and other supporting documentation, the more environmentally protective provision applies.

4. NOTICE OF TERMINATION

- a. Termination of Coverage
 - (1) Upon permanent stabilization of earth disturbance activity under 25 Pa. Code § 102.22(a)(2) (relating to permanent stabilization) and installation of BMPs in accordance with the approved plan prepared and implemented in accordance with 25 Pa. Code § 102.4 and 102.8, the permittee and/or co-permittee shall submit a NOT to the Department or authorized conservation district. The NOT must include:
 - i. The facility name, address, and location;
 - ii. The operator name and address;
 - iii. The permit number;
 - iv. The reason for the permit termination; and
 - v. Identification of the persons who have agreed to and will be responsible for the long-term operation and maintenance of PCSM BMPs.
 - (2) Until the permittee or co-permittee has received written approval of the NOT, the permittee or co-permittee will remain responsible for compliance with the permit terms and conditions, including long-term operation and maintenance of all PCSM BMPs on the project site in accordance with 25 Pa. Code § 102.8(m) The Department or authorized conservation district will conduct a follow up inspection and approve or deny the NOT within 30 days of receipt in accordance with 25 Pa. Code § 102.7(c) (relating to permit termination).

b. Final Certification

(1) The permittee shall enclose with the NOT "Record Drawings" a final certification statement from a licensed professional, which reads as follows:

"I (name) do hereby certify pursuant to the penalties of 18 Pa. C.S.A. § 4904 to the best of my knowledge, information, and belief, that the accompanying record drawings accurately reflect the as built conditions, are true and correct, and are in conformance with Chapter 102 of the rules and regulations of the Department of Environmental Protection and that the project site was constructed in accordance with the approved PCSM Plan, all approved plan changes, and accepted construction practices."

(2) The permittee shall retain a copy of the record drawings as part of the approved PCSM Plan. The permittee shall also provide a copy of the record drawings as part of the approved PCSM Plan to the persons identified as responsible for the long term operation and maintenance of PCSM BMPs. Permittees shall also provide copies of both the record drawings and the long-term operation and maintenance plan to the Department, authorized conservation district, and municipality.

PART A

EFFLUENT LIMITATIONS, MONITORING, AND REPORTING REQUIREMENTS

1. EFFLUENT LIMITATIONS

a. BMPs

Except as required by 25 Pa. Code §102.11(c), this permit establishes narrative performance based effluent limitations in the form of BMPs identified in E&S Plans, PCSM Plans, and PPC Plans, which control the volume, rate, and quality of stormwater runoff and associated pollutants from being discharged into surface waters, and which replicate preconstruction infiltration and runoff conditions to the maximum extent practicable. Section 102.11(c) incorporates by reference federal Effluent Limitation Guidelines in 40 CFR Part 450 (relating to the construction and development point source category).

b. Applicable Effluent Limitations

Activities covered under this permit must comply with applicable effluent limitations established in 25 Pa. Code Chapters 91, 92a, 93, 96, 102, and 105 and any applicable federal law or regulation, including the effluent guidelines for construction at 40 CFR Part 450.

c. Water Quality Based Effluent Limitations

Water quality based effluent limitations are applicable to activities conducted under this permit when required under applicable state and federal law or regulation to ensure that the water quality standards of the receiving water are attained. Activities conducted under this permit shall not result in a violation of such water quality standards.

2. MONITORING, INSPECTION, AND REPORTING REQUIREMENTS

a. Visual Inspections

The permittee and co-permittee(s) must ensure that visual site inspections are conducted weekly, and within 24 hours after each measurable stormwater event throughout the duration of construction and until the receipt and acknowledgement of the NOT by the Department or authorized conservation district. The visual site inspections and reports shall be completed on a form developed by the Department, and conducted by qualified personnel, trained and experienced in erosion and sediment control, to ascertain that E&S, PCSM and PPC BMPs are properly constructed and maintained to effectively minimize pollution to the waters of this Commonwealth. A written report of each inspection shall be kept and include at a minimum:

- (1) A summary of the site conditions, E&S and PCSM BMPs, implementation and maintenance and compliance actions; and
- (2) The date, time, name and signature of the person conducting the inspection.
- b. Licensed Professional Oversight of Critical Stages

A licensed professional or a designee shall be present onsite and responsible during critical stages of implementation of the approved PCSM Plan. The critical stages may include the installation of underground treatment or storage BMPs, structurally engineered BMPs, or other BMPs as deemed appropriate by the Department or authorized conservation district.

c. Noncompliance Reporting

Where E&S, PCSM or PPC BMPs are found to be inoperative or ineffective during an inspection or any other time the permittee becomes aware of any incident causing or threatening pollution as described in 25 Pa. Code § 91.33 (relating to incidents causing or threatening pollution), as required by 25 Pa. Code § 92a.41(b) (relating to conditions applicable to all permits), the permittee and co-permittee(s) shall, within 24 hours, contact the Department or authorized conservation district, by phone or personal contact, followed by the submission of a written report within five (5) days of the initial contact. Noncompliance reports shall include the following information:

- (1) Any condition on the project site which may endanger public health, safety, or the environment, or involve incidents which cause or threaten pollution;
- (2) The period of noncompliance, including exact dates and times and/or anticipated time when the activity will return to compliance;
- (3) Steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance; and
- (4) The date or schedule of dates, and identifying remedies for correcting noncompliance conditions.
- d. Supplemental Monitoring

The Department or authorized conservation district may require additional monitoring where an increased risk of potential water pollution is present, or water pollution is suspected to be occurring from a construction activity subject to this Individual Permit, or for any reason in accordance with 25 Pa. Code § 92a.61 (relating to monitoring). The permittee or co-permittee shall commence such monitoring upon notification from the Department or authorized conservation district.

e. Availability of Reports

Except for data determined to be confidential under Section 607 of the Clean Streams Law, all reports and other information prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate Department Regional Office or authorized conservation district.

f. Public Notice

Public notice of every complete application for an NPDES permit will be published in the *Pennsylvania Bulletin*. The contents of public notice of applications for NPDES permits will include at least the following:

- (1) The name and address, including county and municipality, of each applicant.
- (2) The permit number and type of permit applied for.
- (3) The stream name of the waterway to which each discharge is proposed.
- (4) The address of the State or interstate agency premises at which interested persons may obtain further information, request a copy of the NPDES forms and related documents.
- g. Public Notice at Facility or Location Where Discharge Exists

A public notice of every new draft individual permit, or major amendment to an individual permit, will be published in the *Pennsylvania Bulletin*. This public notice will also be posted by the applicant near the entrance to the premises of the applicant, and at the facility or location where the discharge exists, if the facility or location is remote from the premises of the applicant. The contents of public notice for draft NPDES permits will include at least the following in addition to those specified in subsection 1-4 above.

- (1) A brief description of each applicant's activities or operations that result in the discharge described in the application.
- (2) The name and existing use protection classification of the receiving surface water under § 93.3 (relating to protected water uses) to which each discharge is made and a short description of the location of each discharge on the waterway indicating whether the discharge is a new or an existing discharge.
- (3) A statement of the tentative determination to issue or deny an NPDES permit for the discharge described in the application. If there is a tentative determination to issue a permit, the determination will include proposed effluent limitations for those effluents proposed to be limited, a proposed schedule of compliance including interim dates and requirements for meeting the proposed effluent limitations and a brief description of any proposed special conditions that will have a significant impact upon the discharge described in the application.
- (4) A brief description of the procedures for making final determinations, including the 30-day comment period required by subsection (d) and any other means by which interested persons may influence or comment upon those determinations.

3. PROHIBITIONS

If a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under §307(a) of the Federal Clean Water Act (CWA) for a toxic pollutant which is present in the permittee's or co-permittee's discharge, and such standard or prohibition is more stringent than any limitation upon such pollutant in the NPDES permit, the Department shall revise or modify the permit in accordance with the toxic effluent standard or prohibition and so notify the permittee or co-permittee. In the absence of a departmental action to modify or to revoke and reissue this permit, the toxic effluent standard or prohibition

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established under §307(a) of the CWA is considered to be effective and enforceable against the permittee or copermittee.

4. RECORD KEEPING

a. Retention of Records

The permittee and co-permittee(s) shall retain records of all monitoring information including copies of all monitoring and inspection reports required by this permit, all monitoring information (including site log book, calibration and maintenance records) and records of data used to complete the NOI/application for this permit, for a period of three years from the date of the termination of coverage under this permit as required by 25 Pa. Code § 92a.61(f)(2). This period of retention must be extended during the course of any unresolved compliance, enforcement, or litigation or when requested by the Department or authorized conservation district.

b. Reporting of Monitoring Results

Visual inspection monitoring results shall be submitted to the Department or authorized conservation district upon request.

5. DISCHARGES CONSISTENT WITH TERMS AND CONDITIONS OF THE PERMIT

All discharges authorized by this NPDES permit shall be consistent with the terms and conditions of this permit.

PART B

STANDARD CONDITIONS

1. MANAGEMENT REQUIREMENTS

- a. Permit Modification, Termination, or Revocation and Reissuance
 - (1) The Individual Permit will expire five (5) years from the date of its issuance.
 - (2) This permit may be modified, suspended, revoked, reissued, or terminated during its term for any of the causes specified in 25 Pa. Code Chapters 92a and 102 (relating to erosion and sediment control), or to require compliance with updated effluent limitation guidelines, water quality standards, impaired water listings, or new TMDLs.
 - (3) The filing of a request by the permittee or co-permittee for a permit or coverage modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated non-compliance, does not stay any permit condition.
 - (4) Permit modification or revocation will be conducted according to 25 Pa. Code Chapters 92a and 102.
- b. Duty to Provide Information
 - (1) The permittee or co-permittee(s) shall furnish to the Department or authorized conservation district within thirty (30) days of the date of request, any information that the Department or authorized conservation district may request to determine whether cause exists for modifying, revoking, reissuing, or terminating this permit or coverage approved under this permit or to determine compliance with this permit.
 - (2) The permittee or co-permittee shall furnish, upon request, to the Department or authorized conservation district, copies of records required to be kept by this permit.
 - (3) When the permittee or co-permittee becomes aware that they failed to submit any relevant facts or submitted incorrect information in the NOI, E&S Plan, PCSM Plan, or PPC Plan or in any other report to the Department or authorized conservation district, the permittee or co-permittee shall within 24 hours of becoming aware of the deficiency submit or correct such facts or information.
 - (4) The permittee or co-permittee shall give seven (7) calendar days advance notice to the Department or authorized conservation district of any planned physical alterations or additions to the permitted facility which could, in any way, substantially affect the quality and/or quantity of stormwater discharged from the activity.
- c. Signatory Requirements

Documents required, submitted, or maintained under this permit shall be signed in accordance with the following:

- (1) Notices of Intent, Transferee/Co-permittee Form, and Notices of Termination.
 - (a) Corporations: (1) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or (2) the manager of one or more manufacturing, production, or operating facilities, if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;
 - (b) Partnerships or sole proprietorships: a general partner or the proprietor, respectively; or
 - (c) Municipalities, state, federal, or other public agencies: either a principal executive officer or ranking elected official such as: (1) the chief executive officer or secretary of the agency, or (2) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrators of EPA).
- (2) All reports, plans, documents, and other information required by the permit or requested by the Department or authorized conservation district shall be signed by a duly authorized representative of the permittee.
- (3) If there is a change in the duly authorized representative of the permittee or co-permittee, respectively, the permittee or co-permittee shall notify the Department or authorized conservation district within thirty (30) days of the change.

- d. Transfer of Ownership or Control
 - (1) This permit is not transferable to any person except after notice and acknowledgment by the Department or authorized conservation district.
 - (a) In the event of any pending change in control or ownership of facilities from which the authorized discharges emanate, the permittee or co-permittee shall notify the Department or authorized conservation district using the form entitled "Transferee/Co-permittee Application" of such pending change at least thirty (30) days prior to the change in ownership or control.
 - (b) The Transferee/Co-permittee Application form shall be accompanied by a written agreement between the existing permittee and the new owner or operator stating that the existing permittee shall be liable for violations of the permit up to and until the date of coverage transfer and that the new owner or operator shall be jointly and individually liable for permit violations under the permit from that date on.
 - (c) After receipt of an administratively complete and acceptable transferee/co-permittee application form, the Department or authorized conservation district shall notify the existing permittee and the new owner or operator of its decision concerning approval of the transfer of ownership or control. Such requests shall be deemed approved unless the Department or authorized conservation district notifies the applicant otherwise within thirty (30) days.
 - (2) For purposes of this permit, operators shall include general contractors. If prior to construction activities, the owner is the permittee and an operator/general contractor is later identified to become a co-permittee, the owner shall:
 - (a) Notify the Department or authorized conservation district by submitting an administratively complete and acceptable Transferee/Co-permittee Application form; and
 - (b) Ensure that monitoring reports and any other information requested under this permit shall reflect all changes to the permittee and the co-permittee name.
 - (3) After receipt of the documentation described in (1) above, the permit will be considered modified by the Department or authorized conservation district. For the purposes of this permit, this modification is considered to be a minor permit modification.
 - (4) Upon authorization of a change in ownership or control, the existing permittee shall provide a copy of the permit and approved plans to the new owner and/or co-permittee.
- e. Removed Substances

Solids, sediments, and other pollutants removed in the course of treatment or control of stormwater shall be disposed in accordance with federal and state law and regulations, in order to prevent any pollutant in such materials from adversely affecting the environment.

f. BMP Construction, Operation and Maintenance

The permittee and co-permittee(s) are responsible for the design, installation, operation, and maintenance of the BMPs identified in the E&S Plan, PCSM Plan, and PPC Plan.

g. Adverse Impact

The permittee and co-permittee(s) shall take all reasonable steps to prevent, minimize, or cease any discharge in violation of this permit.

h. Reduction, Loss, or Failure of BMP

Upon reduction, loss, or failure of any BMP, the permittee and co-permittee shall take immediate action to restore, repair, or replace the BMP or provide an alternative method of treatment. Such restored BMP or alternative treatment shall be at least as effective as the original BMP when properly installed. These actions should be undertaken to ensure that there are no pollutional discharges to the waters of the Commonwealth. This requirement is applicable in situations where the BMP is rendered ineffective, whether the cause or source of the reduction, loss or failure is within or beyond the control of the permittee or co-permittee.

2. COMPLIANCE RESPONSIBILITIES

a. Duty to Comply

The permittee and co-permittee must comply with all terms and conditions of this Individual Permit. Any permit noncompliance constitutes a violation of the Pennsylvania Clean Streams Law and the federal Clean Water Act and is grounds for enforcement action; for permit termination, revocation, reissuance, or modification; or for denial of a permit or permit renewal.

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b. Penalties for Violations of Permit Conditions

Any person who violates a permit condition, fails to take corrective action to abate violations or falsifies report or other documents may be subject to criminal and/or civil penalties or other appropriate action for violations of the terms and conditions of this Individual Permit under Sections 602 and 605 of the Clean Streams Law (35 P.S. § 691.602 and 691.605), and under the Clean Water Act as specified in 40 CFR § 122.41(a) (2) and (3), which are incorporated by reference.

c. Need to Halt or Reduce Activity Not a Defense

The permittee and/or co-permittee may not use as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the conditions of this permit.

d. Penalties and Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee or co-permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Clean Water Act (33 U.S.C. §1321) or Section 106 of Comprehensive Environmental Response, Compensation, and Liability Act (Act 42 U.S.C. § 9601).

e. Property Rights

This permit does not convey any property rights of any sort, nor any exclusive privileges, nor does it authorize any injury to private property nor any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

f. Severability

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

g. Other Laws

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

h. Right of Entry

Pursuant to Sections 5(b) and 305 of the Pennsylvania Clean Streams Law (35 P.S. §§691.5(b) and 691.305), 25 Pa. Code Chapter 92a, and §1917-A of the Administrative Code of 1929, the permittee and co-permittee shall allow the Director of the Department, the EPA Regional Administrator, and/or an authorized representative of EPA, or the Department, conservation district or, in the case of a facility which discharges to a municipal separate storm sewer, an authorized representative of the municipal operator or the separate storm sewer receiving the discharge, upon the presentation of credentials and other documents, as may be required by law, to:

- (1) Enter upon the permittee's or co-permittee's premises where a regulated facility or activity is located or conducted or where records must be kept under the conditions of this permit;
- (2) Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of this permit;
- (3) Inspect any facilities or equipment (including monitoring and control equipment); and
- (4) Observe or sample any discharge of stormwater.

i. Availability of Reports

Except for data determined to be confidential under Section 607 of the Clean Streams Law (35 P.S. §691.607), all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Department or authorized conservation district. As required by the Clean Water Act, the Clean Streams Laws, and the Department's regulations at 25 Pa. Code § 92a.8 (relating to confidentiality of information), permit applications, permits, and other documents related to this permit shall not be considered confidential.

Streams Laws, and the Department's regulations at 25 Pa. Code § 92a.8 (relating to confidentiality of information), permit applications, permits, and other documents related to this permit shall not be considered confidential.

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j. Penalties for Falsification of Reports

Section 309(c)(4) of the Clean Water Act provides that any person who knowingly makes any false material statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than \$10,000 or by imprisonment for not more than two years or by both. In addition, criminal sanctions are set forth for false swearing and unsworn falsification at 18 Pa.C.S. §§ 4903-4904.

the Department or authorized conservation district.

- f. The E&S Plan must be consistent with the assumptions and requirements of any assigned Wasteload Allocations (WLAs) for the discharges as set forth in any applicable Total Maximum Daily Loads (TMDLs) established for the receiving waters.
- 4. RECYCLING AND DISPOSAL OF BUILDING MATERIALS AND WASTES

All building materials and wastes must be removed from the site and recycled or disposed in accordance with the Department's Solid Waste Management Regulations at 25 Pa. Code Ch. 260a (relating to hazardous waste management system: general), Ch. 271 (related to municipal waste management system – general provisions), and Ch.287 (relating to residual waste management system – general provisions). No building material or wastes or unused building materials shall be burned, buried, dumped, or discharged at the site.

5. PREPAREDNESS, PREVENTION, AND CONTINGENCY (PPC) PLANS

If toxic, hazardous, or other polluting materials will be on site, the permittee or co-permittee(s) must develop a PPC Plan for use while those materials are on site in accordance with 25 Pa. Code § 91.34 (relating to activities utilizing pollutants). The PPC Plan shall identify areas which may include, but are not limited to, waste management areas, raw material storage areas, fuel storage areas, temporary and permanent spoils storage areas, maintenance areas, and any other areas that may have the potential to cause noncompliance with the terms and conditions of this permit due to the storage, handling, or disposal of any toxic or hazardous substances such as oil, gasoline, pesticides, herbicides, solvents, concrete washwaters, etc. BMPs shall be developed and implemented for each identified area. The PPC Plan shall be maintained on site at all times and shall be made available for review at the Department's or authorized conservation district's request.

6. POST CONSTRUCTION STORMWATER MANAGEMENT PLANS

- a. The management of post construction stormwater shall be planned and conducted to the extent practicable in accordance with the following:
 - (1) Preserve the integrity of stream channels and maintain and protect the physical, biological, and chemical qualities of the receiving stream.
 - (2) Prevent an increase in the rate of stormwater runoff.
 - (3) Minimize any increase in stormwater runoff volume.
 - (4) Minimize impervious areas.
 - (5) Maximize the protection of existing drainage features and existing vegetation.
 - (6) Minimize land clearing and grading.
 - (7) Minimize soil compaction.
 - (8) Utilize other structural or nonstructural BMPs that prevent or minimize changes in stormwater runoff.
- b. A PCSM Plan shall be prepared in accordance with the requirements of 25 Pa. Code Chapter 102 and by a person trained and experienced in PCSM design methods and techniques applicable to the size and scope of the project being designed. The management of post construction stormwater shall be planned and conducted in accordance with 25 Pa. Code §102.8. Various BMPs and their design standards are listed in the *Pennsylvania Stormwater Best Management Practices Manual*, No. 363-0300-002, as amended and updated. The manual is available from the Department or authorized conservation district or can be downloaded from the Department's website at <u>www.dep.state.pa.us</u>. Each PCSM Plan must be submitted to the Department or authorized conservation district. The PCSM plan must employ stormwater management BMPs to control the volume, rate, and water quality of the post construction stormwater runoff so as to protect and maintain the chemical, physical, biological properties, and existing and designated uses of the waters of this Commonwealth.
- c. PCSM Plans required under this permit are considered reports that shall be available to the public under Section 607 of the Clean Streams Law and 25 Pa. Code Chapter 92a of the Department's regulations. The owner or operator of a facility with stormwater discharges covered by this permit shall make PCSM Plans available to the public upon request. The PCSM Plans must be made available at the site of the construction activity at all times.
- d. A licensed professional or their designee shall be present onsite and be responsible for oversight of critical stages of implementation of the approved PCSM Plan. The licensed professional will be responsible to provide a final certification, pursuant to 25 Pa. Code § 102.8(I) along with the required NOT and record drawings, indicating that the project site was constructed in accordance with the approved or modified PCSM Plan.

PART C

OTHER CONDITIONS

1. PROHIBITION OF NONSTORMWATER DISCHARGES

All discharges covered by this permit shall be composed entirely of stormwater. Discharges of material other than stormwater must be in compliance, when required, with an NPDES permit (other than this permit) issued for the discharge. Discharge of sewage or industrial waste (other than sediment under this permit) to an E&S BMP is not permitted.

The permittee/co-permittee may not discharge floating materials, oil, grease, scum, foam, sheen, and substances which produce odor, taste, or turbidity or settle to form deposits in concentrations or amounts sufficient to be, or create a danger of being, inimical to the water uses to be protected or human, animal, plant, or aquatic life.

2. ANTIDEGRADATION IMPLEMENTATION REQUIREMENTS

To satisfy the antidegradation implementation requirements in § 93.4(b), 102.4(b)(6), and 102.8(h) (relating to implementation of antidegradation requirements), for an earth disturbance activity that requires a permit under this chapter and for which any receiving surface water of the Commonwealth that is classified as High Quality or Exceptional Value under Chapter 93, the person proposing the activity shall, in the permit application, do the following:

- (i) Evaluate and include nondischarge alternatives in the E&S Plan and PCSM Plan, unless a person demonstrates that nondischarge alternatives do not exist for the project.
- (ii) If the person makes the demonstration that nondischarge alternatives do not exist for the project, the E&S Plan and PCSM Plan must include ABACT, except as provided in § 93.4c(b)(iii).
- (iii) For the purposes of Chapter 102, nondischarge alternatives and ABACT and their design standards are listed in the Erosion and Sediment Pollution Control Program Manual and the Pennsylvania Stormwater Best Management Practices Manual, both as amended and updated.

3. EROSION AND SEDIMENT CONTROL PLANS

- a. Unless otherwise authorized by the Department or conservation district after consultation with the Department, earth disturbance activities shall be planned and implemented to the extent practicable in accordance with the following:
 - (1) Minimize the extent and duration of earth disturbance.
 - (2) Maximize protection of existing drainage features and vegetation.
 - (3) Minimize soil compaction.
 - (4) Utilize other measures or controls that prevent or minimize the generation of increased stormwater runoff.
- b. An E&S Plan shall be prepared in accordance with the requirements of 25 Pa. Code Chapter 102 and by a person trained and experienced in erosion and sediment control methods and techniques applicable to the size and scope of the project being designed. Each E&S Plan must be submitted to and approved by the Department or authorized conservation district. The BMPs shall be designed to minimize the potential for accelerated erosion and sedimentation in order to protect, maintain, reclaim, and restore water quality and existing and designated uses. Various BMPs and their design standards are listed in the *Erosion and Sediment Pollution Control Program Manual*, No. 363-2134-008, as amended and updated. The manual is available from the Department or authorized conservation district or can be downloaded from the Department's website at <u>www.dep.state.pa.us</u>. E&S Plans and BMPs, and revisions thereto, which meet the requirements of 25 Pa. Code Chapters 93, 96 (relating to water quality standards implementation), and 102, are conditions of this permit and are incorporated by reference.
- c. E&S Control Plans required under this permit are considered reports that shall be available to the public under Section 607 of the Clean Streams Law and 25 Pa. Code Chapter 92a of the Department's regulations. The owner or operator of a facility with stormwater discharges covered by this permit shall make E&S Plans available to the public upon request. E&S Plans must be made available at the site of the construction activity at all times.
- d. The staging of earth disturbance activities and maintenance requirements contained in the approved E&S Plan must be followed.
- e. Upon the installation or stabilization of all perimeter sediment control BMPs and at least three (3) days prior to proceeding with the bulk earth disturbance activities, the permittee or co-permittee shall provide notification to

- e. The PCSM Plan must be consistent with the assumptions and requirements of any available WLAs for the discharges as set forth in any applicable TMDLs established for the receiving waters.
- f. The portion of a site reclamation or restoration plan that identifies PCSM BMPs to manage stormwater from pipelines or other similar utility infrastructure may be used to satisfy the PCSM requirements if the PCSM reclamation, or restoration plan meets the requirements of 25 Pa. Code § 102.8(b), (c), (e), (f), (h), (i) and (l), and when applicable, (m).

7. PRECONSTRUCTION CONFERENCES

For earth disturbance activities authorized by this permit, a preconstruction meeting is required, unless the permittee has been notified otherwise in writing by the Department or authorized conservation district. The permittee shall invite the Department or authorized conservation district to attend the preconstruction meeting and provide at least seven (7) days' notice of the preconstruction meeting to all invited attendees. Permittees, co-permittees operators, and licensed professionals, or designees responsible for earth disturbance activity, including implementation of E&S, PCSM and PPC Plans and critical stages of implementation of the approved PCSM Plan, shall attend the preconstruction meeting. Permittees, Co-permittees, Operators and Licensed Professionals are responsible for ensuring that all activities on the site comply with the requirements of the permit.

8. SPOIL OR BORROW AREA

An E&S Plan or other authorization meeting the regulatory requirements detailed in 25 Pa. Code § 102.4(b) shall be received and approved by the Department or authorized conservation district and implemented for all spoil and borrow areas, regardless of their location.

Clean Fill Requirements

Any person placing clean fill that has been affected by a spill or release of a regulated substance must use Department Form FP-001 (Certification of Clean Fill) to certify the origin of the fill material and the results of the analytical testing to qualify the materials as clean fill. The form must be retained by the owner of the property receiving the fill. Fill material not qualifying as clean fill is regulated fill and must be managed in accordance with the Department's municipal or residual waste regulations based on 25 Pa. Code Chapters 271 or 287, whichever is applicable.

9. PHASED PROJECTS

Prior to the commencement of earth disturbance activities for subsequent phases of the project, the permittee or co-permittee shall submit an E&S Plan and PCSM Plan and supporting information for each additional phase or portion of the project to the Department or authorized conservation district for approval. Coverage under this permit is only granted for those phases or portions of a project for which an E&S Plan and PCSM Plan has been submitted and approved by the Department or authorized conservation district.

10. CLARIFICATION ASSISTANCE

The permittee or co-permittee shall contact the Department or authorized conservation district for clarification of any requirements contained in the E&S Plan, PCSM Plan, PPC Plan, or other documents related to this permit.

11. WETLAND PROTECTION

If hydric soils or other wetland features are present, a wetland determination must be conducted in accordance with Department procedures. A copy of the wetland determination should be provided to the Department or authorized conservation district as part of the NOI/application. All wetlands identified must be included on the E&S Plan and PCSM Plan. Special precautions must be taken to protect wetlands and other water resources identified in the NOI, plans, and other supporting documents.

12. INFILTRATION BMPs

Where infiltration BMPs are being utilized, the permittee and co-permittee must ensure that soil compaction is avoided or minimized in those areas. If the areas planned for infiltration BMPs are compromised through compaction or other means, additional soil testing must be performed to verify that the BMP will perform as planned.

13. STABILIZATION

Upon final completion of an earth disturbance activity or any stage or phase of an activity; or temporary cessation of the earth disturbance activity, or any stage or phase of an activity where the cessation of earth disturbance will exceed four (4) days, the project site shall be immediately stabilized in accordance with the requirements of 25 Pa. Code §102.22(a) or (b) (relating to site stabilization), as applicable. E&S BMPs shall be implemented and maintained until permanent stabilization is completed. Once permanent stabilization has been established the

temporary E&S BMPs shall be removed. Any areas disturbed in the act of removing temporary E&S BMPs shall be permanently stabilized upon completion of the temporary E&S BMP removal activity.

14. SEWAGE FACILITIES

Earth disturbance may not commence until all related Act 537 Sewage Facilities Planning approvals have been obtained.

- 15. LONG-TERM OPERATION AND MAINTENANCE
 - a. The permittee or co-permittee shall be responsible for long-term operation and maintenance of PCSM BMPs unless a different person is identified in the NOT and that person has agreed to long-term operation and maintenance of PCSM BMPs.
 - b. For any property containing a PCSM BMP, the permittee or co-permittee shall record an instrument with the Recorder of Deeds which will assure disclosure of the PCSM BMP and the related obligations in the ordinary course of a title search of the subject property. The recorded instrument must identify the PCSM BMP, provide for necessary access related to long-term operation and maintenance for PCSM BMPs, and provide notice that the responsibility for long-term operation and maintenance of the PCSM BMPs is a covenant that runs with the land that is binding upon and enforceable by subsequent grantees, and provide proof of filing with the NOT under 25 Pa. Code § 102.8(m)(2).
 - c. For Commonwealth owned property, a covenant that runs with the land is not required until the transfer of the land containing a PCSM BMP occurs. Upon transfer of the Commonwealth-owned property containing the PCSM BMP, the deed must comply with 25 Pa. Code § 102.8(m)(3). An agency of the federal government shall not be required to make or record a declaration of covenants on its property until transfer of the property to an non-federal or non-commonwealth entity or individual. Upon transfer of the Commonwealth owned or federally owned property containing the PCSM BMP, the deed must comply with 25 PA. Code § 102.8(m)(3).
 - d. The person responsible for performing long-term operation and maintenance may enter into an agreement with another person, including a conservation district, nonprofit organization, municipality, authority, private corporation, or other person, to transfer the responsibility for PCSM BMPs or to perform long-term operation and maintenance and provide notice thereof to the Department.
 - e. A permittee or co-permittee that fails to transfer long-term operation and maintenance of the PCSM BMPs or otherwise fails to comply with this requirement, shall remain jointly and severally responsible with the landowner for long-term operation and maintenance of the PCSM BMPS located on the property.
 - f. Unless a later date is approved by the Department in writing, the permittee shall record an instrument as required under 25 Pa. Code Subsection 102.8(m)(2) and condition 15b of this permit within 45 days from the date of issuance of this permit or authorization. Unless the Department authorizes a different procedure, the long-term operation and maintenance plan shall be recorded along with the instrument. Unless a later date is approved by the Department in writing, the permittee shall provide the conservation district and the Department with the date and place of recording along with a reference to the docket, deed book or other record, within 90 days from the date of issuance of this permit or authorization
 - g. Unless an alternative process is approved by the Department in writing, upon the sale or other transfer of any parcel, lot, road or other real property included within the permit boundary, the permittee shall notify the purchaser, grantee, or transferee of the long-term PCSM BMP operation and maintenance requirements. The permittee shall expressly identify the PCSM BMPs on each property, the schedule for inspection and reporting, the person or entity responsible for long-term operation and maintenance of the PCSM BMPs and how access to the BMPs will be achieved and shall obtain approval from the purchaser, grantee or transferee. Unless a later date is approved by the Department in writing, the permittee shall provide the conservation district and the Department with notice of compliance with this section within 45 days from the date of transfer of the property and at the time the permittee files a Notice of Termination.

16. RIPARIAN BUFFER REQUIREMENTS

- a. Persons proposing or conducting earth disturbance activities under this permit may not conduct earth disturbance activities within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir when the project site is located in an exceptional value or high quality watershed attaining its designated use as listed by the Department at the time of application and shall protect any existing riparian buffer in accordance with Section 102.14(a)(1).
- b. Persons proposing or conducting earth disturbance activities under this permit, where the project is located in an exceptional value or high quality watershed where there are waters failing to attain one or more designated uses as listed in Category 4 or 5 on Pennsylvania's Integrated Water Quality Monitoring and Assessment report, as amended and updated, at the time of application, and the project site contains, is along or within

- 150 feet of a perennial or intermittent river, stream, or creek, lake, pond, or reservoir shall do one of the following: (1) protect an existing riparian forest buffer, (2) convert an existing riparian buffer to a riparian forest buffer, or (3) establish a new riparian forest buffer.
- c. To qualify as a riparian forest buffer, an existing, converted, or newly established riparian forest buffer, whether mandatory or voluntary, must meet the requirements related to composition, width and management contained in 25 Pa. Code § 102.14(b).
- d. All riparian buffers must meet the following management requirements:
 - (1) ensure that stormwater enters the riparian buffer as sheet flow or shallow concentrated flow during storm events up to and including the 2 year/24 hour storm.
 - (2) Wetlands located in the riparian buffer shall be protected and maintained consistent with Chapter 105 (relating to dam safety and waterway management.)
 - (3) Riparian buffers must be measured horizontally and perpendicularly to the bank with no more than 10% variation below the minimum width from the normal pool elevation for lake, pond or reservoir and from top of streambank.
- e. Activities exempt from riparian buffer requirements are listed in 25. Pa. Code § 102.14(d)(1).
- f. Earth disturbance activities listed under 25 Pa. Code § 102.14(d)(2), may request a waiver of the riparian buffer requirements, upon a demonstration by the applicant that there are reasonable alternatives for compliance, so long as any existing riparian buffer is undisturbed to the extent practicable and the activity will meet all other requirements. Applicants requesting a waiver shall submit a written request for a waiver to the Department or Conservation district. Projects qualifying for a waiver must comply with all other requirements of Chapter 102.
- g. Riparian forest buffers meeting all regulatory requirements will prevent thermal impacts and are a nondischarge alternative. Credits may be available for trading or offsets in accordance with any procedures established by the Department or any regulations related to trading or offsetting developed under the Title 25 of the Pennsylvania Code regulations.
- h. The following practices and activities are prohibited within the riparian buffer:
 - (1) Soil disturbance by grading, stripping of topsoil, plowing, cultivating or other practices except as allowed in paragraph 102.14(j)(1).
 - (2) Draining by ditching, underdrains or other drainage systems.
 - (3) Housing, grazing or otherwise maintaining animals for agricultural or commercial purposes.
 - (4) Storing or stockpiling materials.
 - (5) Off- road vehicular travel.
- i. The following practices and activities are allowable in the riparian buffer when authorized by the Department:
 - (1) Construction or placement of roads, bridges, trails, storm drainage, utilities or other structures.
 - (2) Water obstructions or encroachments.
 - (3) Restoration projects.
- j. The following practices and activities are allowed within the riparian buffer:
 - (1) Activities or practices used to maintain the riparian buffer including the disturbance of existing vegetation, and tree and shrub removal, as needed to allow for natural succession of native vegetation and protection of public health and safety.
 - (2) Timber harvesting activities in accordance with the riparian forest buffer management plan as part of the PCSM Plan.
 - (3) Passive or low impact recreational activities so long as the functioning of the riparian buffer is maintained.
 - (4) Emergency response and other similar activities.
 - (5) Research and data collection activities, which may include water quality monitoring and stream gauging.
- k. Permittees and co-permittees who protect an existing riparian buffer or convert or establish a riparian buffer shall provide permanent protection for the riparian buffer which must be protected in perpetuity through deed restriction, conservation easement, local ordinance, permit conditions or any other mechanisms that ensure the long term functioning and integrity of the riparian buffer as a PCSM BMP. The boundary limit of the riparian buffer must be identified and clearly marked.

- E. Permittees and co-permittees who protect an existing riparian buffer or convert or establish a riparian buffer shall complete data forms provided by the Department and submit the forms to the Department or Conservation district within one year of establishment or protection.
- 17. MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4s) MCM FULFILLMENT

MS4s subject to PAG-13 permit coverage requirements may choose to rely on Pennsylvania's Chapter 102 permitting program and this permit to satisfy their MS4 NPDES permit obligations related to their MCM4 (Construction) and MCM 5 (Post Construction), BMPs 1 through 3 obligations as part of a qualified local program.

IMPACT ENVIRONMENTAL



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May 14, 2020

Mr. James Sherrier Environmental Waste Minimization. Inc. 14 Brick Kiln Ct. Northampton, PA.

RE: IMP #13452-01-01-1001 805 Atlantic Ave Brooklyn, NY NYSDEC BCP Site No. C224228

Dear Mr. Sherrier:

Impact Environmental Consulting, Inc. has reviewed the analytical data and site background information for site-specific donor sources to evaluate acceptance of materials into the Taylors Lane Remediation Project (the "facility") located at 1001 Taylors Lane, Cinnaminson Township, New Jersey in compliance with the regulatory authorizations

Impact Environmental has reviewed information regarding material from the above referenced site ("site"). The review included an evaluation of the following documents:

- Tank Closure Report dated September 2004, prepared by Don Carlo Environmental Services, Inc.
- Phase I ESA dated May 2015, prepared by Warren Panzer Engineers, Inc.
- Limited Phase II Subsurface Investigation Report dated May 2015, prepared by Warren Panzer Engineers, Inc.
- Phase I ESA dated September 2015, prepared by LANGAN.
- Limited Phase II ESI dated January 2016, prepared by LANGAN.
- Supplemental Soil Sampling Report dated January 2016, prepared by LANGAN.
- Limited Phase II ESI dated January 2016, prepared by LANGAN.
- Remedial Investigation Report dated May 1, 2019, prepared by LANGAN
- Remedial Action Work Plan dated September 12, 2019, prepared by LANGAN
- Waste Characterization Report dated September 18, 2019, prepared by LANGAN
- Laboratory Reports dated 10/10/19, 1/7/20 1/27/20, 2/7/20, 2/10/20, & 2/20/20, 2/28/20, 3/2/20, & 5/13/20, prepared by Alpha Analytical Laboratories.
- TLRP Disposal Notification Letter dated 5/1/20, prepared by LANGAN.

The analytical data subject to the reports was reviewed and compared with the facility's regulatory authorizations and New Jersey Impact to Groundwater Soil Remediation Standard. Clean Fill from the following sampling locations are acceptable and approved for reuse at the facility:

*See the attached Disposal Matrix

The volume of clean fill represented by this I approval is 3,000 CYD. The following non-analytical factors will apply:

EXCLUDED MEDIA	TREATED & UNTREATED WOOD LIMITATION	<u>SLAG/ASH/CINDER</u> LIMITATION	MOISTURE CONTENT LIMITATION	PHOTO-IONIZATION DETECTOR LIMIT (PPM)	<u>MATERIAL</u> <u>SIZE LIMIT</u>
MSW, Vegetation, Petroleum impacted material	0%	0%	No Free-Standing Liquid	0	12"

Clean Fill will be accepted and managed in accordance with its regulatory authorizations. Please feel free to contact me with any questions.

Sincerely, IMPACT ENVIRONMENTAL

C

Xin Yuan, P.E. *Quality Control Manager*



Grid/Layer	Sample ID	TLRP Status
	WC-01_0-1	
	WC-01_0-6	
	SB-3_0-2	
	SB-4_1-2	
	SB101_0-2	
	SB102A_0-2	
	SB105_3-4 SB104_0-2	
	SB104A_2-4	
	WC-01_6-12	Not Approved
	WC-01_11-12	
	SB-3_11-12	
WC01	SB-4_10.5-11.5	
	SB102B_5-7	
	SB104A_6-8	
	SB101A_7-8	
	SB103_8-10	
	SB102A_10-11	
	SB104A_11-12	
	WC-01_12-18 WC-01_15-16	
	SB104A 14-15	
	SB103A_15-16	Approved
	SB101A_17-19	
	DUP02_011618	
	WC-02_0-1	
	WC-02_0-6	
	SB119_0-2	
	SB105_0-2	
	SB105_2-3	
	SB-1_0-2	
	SB-2_0-2	
	SB-5_0-2	
	WC-02_0-11 WC-02_10_11	
	SR105 7-9	
	SB105_7*8	
	SB105_11-12 SB107_7-8	
	SB-2 11-12	
	WC-02 11-18	
	WC-02 15-16	
	SB105_14-15	
	SB1b (13-14)	
	SB2b (12-13)	
	SB-1_11-12	
	SB-5_11-12	
	SB-107_6.5	
	SB107_1-2	
	SB107A_0-2	
	SB107A_2-4	
	SB-107A_A1_2-7	
	SB-107A_A1_E1_2-7	
	SB-107A_A1_W1_2-7	
	SB-107A_A3_2-7 SB-107A_A3_E1_2-7	
	SB-107A A3 W1 2-7	
	SB-107A B1 2-7	
	SB-107A_B2_2-7	
	SB-107A_C1_2-7	
	SB-107A_D1_2-7	
	SB-107A_3	
	SB-107A_A1_3	
	SB-107A_A2_3	
14/000	SB-107_4.5	Net
WC02	SB-107A_5	Not Approved
	SB-107A_A1_5	
	SB-107A_A2_5	
	SB-107 A 7-8	
	SB-107 A 7-8	
	SB-107_B_7-8	
	SB-107_B_7-8	
	SB-107_C_7-8	
	SB-107_C_7-8	
	SB107A_6-8	
	SB-107_8	
	SB-107_9	
	SB-107_10 SB-107A_01_7-12	
	SB-107A_A1_7-12 SB-107A_A2_7-12	
	SB-107A A3 7-12	
	DUP01_07192019	
	SB-107A_A1_E1_7-12	
	SB-107A_A3_E1_7-12	
	SB-107A_A1_W1_7-12	
	SB-107A_A3_W1_7-12	
	SB-107A_B1_7-12	
	SB-107A_02_/-12 SB-107A_01_7-12	
	SB-107A D1 7-12	
	SB-107A 12	
	SB-107A A1 12	
	SB-107A A2 12	
	SB-107A_13	
	SB-107A_A1_13	
	SB-107A_B1_12	
	SB-107_A_12	
	SB-107_B_12	
	SB-107_C_12	
	SB107_11-12	
	SB10/A_11-12	
	SB107_14-15 SB107A_14_15	
	SB107 15-16	

Grid/Layer	Sample ID	TLRP Status
	WC-03_0-6	
	WC-03 2-3	
	SB106 0-2	
	DUP01 011018	
	SB106A_0-2	
	SB106A 2-3	
	DUP03_011618	
	011010	
	<u>SB108_0-2</u>	
	56108_2-3	
	SB109_0-1	
	SB110 0-2	
	(DD) (4 D)	
	SB2a (1-2)	
	SB1a (1-2)	
	WP-SB-01 C1-3	
	WP-SB-01_03-1-2	
	WP-SP-01_C2-3	
	WD SP 01 D1 1 2	
	WP-58-01_01-1-2	
	WP-3B-01_C2-1-2	
	WP-SB-01_D1-3	
	WP-SB-01_A1-3	
	WP-SB-01_A2-1-2	
	WP-SB-01_D2-1-2	
	WP-SB-01_C1_10	
	WP-SB-01_C3_10	
	WP-SB-01_A_1-2	
	WP-SB-01_B_1-2	
	WP-SB-01_C_1-2	
	WP-SB-01_SWN_1-2	
	WP-SB-01_SWE_1-2	Not Approved
	WP-SB-01_SWS_1-2	
WC03	WP-SB-01_SWW_1-2	
	WP-SB-01_FLOOR_5	
	WP-SB-01_D2_10	
	WP-SB-01_E1_1-2	
	WP-SB-01_E1_3-4	
	WP-SB-01_F1_1-2	
	WP-SB-01_SWN_1-2	
	WP-SB-01_SWN_10	
	WP-SB-01_FLOOR_10	
	WP-SB-01 C2 10	
	DUP01 021720	
	WC-03 6-12	
	WC-03 7-8	
	SB3 (8 5-9)	
	SB4 (6-6 5)	
	WP-SB-01 SWW 10	
	WP-SB-01 SWN E 12	
	WC 02 12 19	
	WC 02 15 16	
	CP106P 14 15	
	SB106B_14-15	
	SB100_0-0	
	SB108_11-12	
	<u>58108_15-16</u>	
	SB109_/-8	
	SB110_10-12	
	SB110_17-18	
	DUP06_021718	
	WC-03_18-26	
	WC-03_25-26	
	SB106B_23-25	Approved
	SB109_19-20	
	SB109_22-24	

Grid/Layer	Sample ID	TLRP Status
	WC-04_0-1	
	WC-04_0-6	
	SB111_0-2	
	SB112_0-2	
	SB120_0-0.2	
	SB121_0-0.2	
	SB122_0-0.2	
	SB6 (4.5-5)	
	SB5a (1-2)	Not Approved
	WC-04_6-11	Not Approved
	WC-04_10-11	
	WC-04_11-18	
	WC-04_15-16	
	SB111_13-15	
	SB112_14-15	
	SB114_15-16	
	SB5b (13-14)	
	SP01_012020	
	SB114_0-2	
	SB114_6-7	
	SB-114_0-4	
	SB-107A-SWN_2-4	
	SB-107A-SWE_2-4	
	SB-107A-SWS_2-4	
	SB-107A-SWW_2-4	
	DUP01_020420	
	SB-107A_FLOOR_13	
	SB-107_WA_1-2	
	SB-107_WA_8-9	
	SB-107_WB_1-2	
	SB-107_WB_8-9	
	SB-107_WC_1-2	
	SB-107_WC_8-9	Area delienated
	SB-107_EA_1-2	by highlighted
	SB-107_EA_8-9	samples
	SB-107_EB_1-2	will be excluded
	SB-107_EB_3-4	
	SB-107_FLOOR_12	
	SB-114_A1_0-4	
	SB-114_A2_0-4	
WCOA	SB-114_A3_0-4	
WC04	SB-114_B1_0-4	
	SB-114_B2_0-4	
	SB-114_C1_0-4	
	SB-114_C2_0-4	
	SB-114_C3_0-4	
	SB-114_4-8	
	SB-114_A1_4-8	
	SB-114_A2_4-8	
	SB-114_A3_4-8	
	SB-114_B1_4-8	
	SB-114_B2_4-8	
	SB-114_C1_4-8	
	SB-114_C2_4-8	
	SB-114_C3_4-8	
	SB-114_8	
	SB-114_A1_8	
	SB-114_A2_8	
	SB-114_A38	
	SB-114_B1_8	
	SB-114_B2_8	
	SB-114_C1_8	
	SB-114_C2_8	
	SB-114_C3_8	
	SB-114_9	Area delienated
	SB-114_A1_9	by highlighted
	SB-114_A2_9	samples
	SB-114_A3_9	will be excluded
	SB-114_B1_9	
	SB-114_B2_9	
	SB-114_C1_9	
	SB-114_C2_9	
	SB-114_C3_9	
	SB-114_10	
	SB-114_A1_10	
	SB-114_A2_10	
	SB-114_A3_10	
	SB-114_B1_10	
	SB-114_B2_10	
	SB-114_C1_10	
	SB-114_C2_10	
	SB-114_C3_10	

Grid/Layer	Sample ID	TLRP Status
	WC-05_0-1	
	WC-05_0-6	
	SB7a (1-2)	
	SB115_0-2	
	SB116_0-1	
	SB117_0-2	
	SB-118 0-2	
	WC-05 6-12	
	DUP01 20190618	
	WC-05 11-12	
WC05	DUP02 20190618	Not Approved
	SB115 7-8	
	SB116 9-10	
	SB8	
	WC-05 12-18	
	WC-05_17-18	
	SB7b (14-15)	
	SB115_15-16	
	SB116_15-17	
	SB117_15-16	
	SB-119 15-17	
	<u>56-116_15-17</u> 68117_19-20	
	SB117_10-20	
	SB-118_43-43	
	SB-116_07-09	
	SB101_00-07	
	<u>36107_21-23</u>	
	021318	
	SB107_20-28	
	SB10/A_07-08	
	SB110_29-30	
	SB111_24-26	
Description	SB111_30-38	
Deeper than	SB112_22-24	Not Approved
Excavation	SB112_26-28	
	SB114_30-31	
	SB114_39-40	
	SB115_22-24	
	SB115_31-32	
	SB116_30-31	
	SB116_33-34	
	SB116_37-38	
	SB116_42-43	
	SB117_24-25	
	DUP04_012918	
	SB117_67-68	
Deep Foundation		Proposed
Elements (18-26')	WC01/WC02_18-26	rioposeu

IMPACT ENVIRONMENTAL



welcome to solid ground...

www.impactenvironmental.com

June 9, 2020

Mr. James Sherrier Environmental Waste Minimization. Inc. 14 Brick Kiln Ct. Northampton, PA.

RE: IMP #13452-01-01-1001 809-825 Atlantic Ave Brooklyn, NY NYSDEC BCP Site No. C224228

Dear Mr. Sherrier:

Impact Environmental Consulting, Inc. has reviewed the analytical data and site background information for site-specific donor sources to evaluate acceptance of materials into the Taylors Lane Remediation Project (the "facility") located at 1001 Taylors Lane, Cinnaminson Township, New Jersey in compliance with the regulatory authorizations

Impact Environmental has reviewed information regarding material from the above referenced site ("site"). The review included an evaluation of the following documents:

- Tank Closure Report dated September 2004, prepared by Don Carlo Environmental Services, Inc.
- Phase I ESA dated May 2015, prepared by Warren Panzer Engineers, Inc.
- Limited Phase II Subsurface Investigation Report dated May 2015, prepared by Warren Panzer Engineers, Inc.
- Phase I ESA dated September 2015, prepared by LANGAN.
- Limited Phase II ESI dated January 2016, prepared by LANGAN.
- Supplemental Soil Sampling Report dated January 2016, prepared by LANGAN.
- Limited Phase II ESI dated January 2016, prepared by LANGAN.
- Remedial Investigation Report dated May 1, 2019, prepared by LANGAN
- Waste Characterization Report dated September 18, 2019, prepared by LANGAN
- Laboratory Reports dated 10/10/19, 1/7/20 1/27/20, 2/7/20, 2/10/20, & 2/20/20, 2/28/20, 3/2/20, & 5/13/20, prepared by Alpha Analytical Laboratories.
- TLRP Disposal Notification Letter dated 5/1/20, prepared by LANGAN.
- Laboratory Reports dated May 7, 13, & 14, 2020, prepared by Phoenix Environmental Laboratories, Inc.
- Laboratory Report dated 6/9/20, prepared by York Analytical Laboratories.

The analytical data subject to the reports was reviewed and compared with the facility's regulatory authorizations and New Jersey Impact to Groundwater Soil Remediation Standard. Clean Fill from the following sampling locations are acceptable and approved for reuse at the facility:

*See the attached Disposal Matrix

The volume of clean fill represented by this approval is 3,000 CYD. The following non-analytical factors will apply:

EXCLUDED MEDIA	TREATED & UNTREATED WOOD LIMITATION	<u>SLAG/ASH/CINDER</u> LIMITATION	MOISTURE CONTENT LIMITATION	PHOTO-IONIZATION DETECTOR LIMIT (PPM)	<u>MATERIAL</u> <u>SIZE LIMIT</u>
MSW, Vegetation, Petroleum impacted material	0%	0%	No Free-Standing Liquid	0	12"

Clean Fill will be accepted and managed in accordance with its regulatory authorizations. Please feel free to contact me with any questions.

Sincerely, IMPACT ENVIRONMENTAL

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Xin Yuan, P.E. *Quality Control Manager*



Grid/Layer	Sample ID	TLRP Status
	WC-01_0-1	
	WC-01_0-6	
	SB-3_0-2	
	SB-4_1-2	
	SB101_0-2	
	SB102A_0-2	
	SB103_3-4	
	SB104_0-2	
	SB104A_2-4	
	WC-01_6-12	
	WC-01_11-12	
14/004	SB-3_11-12	No. Annual de
WC01	SB-4_10.5-11.5	Not Approved
	SB102B_5-7	
	SB104A_0-8	
	SB101A_7-6	
	SB103_0-10	
	SB104A 11-12	
	WC-01 12-18	
	WC-01 15-16	
	SB104A 14-15	
	SB103A 15-16	
	SB101A_17-19	
	DUP02_011618	
	WC-02_0-1	
	WC-02_0-6	
	SB119_0-2	
	SB105_0-2	
	SB105_2-3	
	SB-1_0-2	
	SB-2_0-2	
	SB-5_0-2	
	WC-02_6-11	
	WC-02_10-11	
	SB105_7-8	
	SB105_11-12	
	SB107_7-8	
	SB-2_11-12	
	WC-02_11-18	
	WC-02_15-16	
	SB105_14-15	
	SB1b (13-14)	
	SB2b (12-13)	
	SB-1_11-12	
	SB-5_11-12	
	SB-107_6.5	
	SB107_1-2	
	SB107A_0-2	
	SB107A_2*4 SB-107A_A1_2-7	
	SB-107A_A1_2-7	
	SB-107A A1 W1 2-7	
	SB-107A_A1_W1_2-7	
	SB-107A_A3_2-7	
	SB-107A_A3_E1_2-7	
	SB-107A_A3_W1_2-7	
	SB-107A_B1_2-7	
	SB-107A_02_2-7	
	SB-107A D1 2-7	
	SB-107A 3	
	SB-107A A1 3	
	SB-107A A2 3	
	SB-107_4.5	
WC02	SB-107A_5	Not Approved
	SB-107A_A1_5	
	SB-107A_A2_5	
	SB-107A_B1_5	
	SB-107_A_7-8	
	SB-107_A_7-8	
	SB-107_B_7-8	
	SB-107_B_7-8	
	SB-107_C_7-8	
	SB-107_C_7-8	
	SB107A_6-8	
	SB-107_8	
	SB-107_9	
	SB-107_10	
	SB-107A_A1_7-12	
	SD-10/A_A2_/-12	
	50-10/A_A3_/-12	
	SB-107A A1 E1 7-12	
	SB-107A A3 F1 7-12	
	SB-107A A1 W1 7-12	
	SB-107A A3 W1 7-12	
	SB-107A B1 7-12	
	SB-107A B2 7-12	
	SB-107A C1 7-12	
	SB-107A D1 7-12	
	SB 107A 12	
	SB-107A_A1_12	
	SB-107A_A2_12	
	SB-107A_13	
	SB-107A_A1_13	
	SB-107A_B1_12	
	SB-107_A_12	
	SB-107_B_12	
	SB-107_C_12	
	SB107_11-12	
	SB107A_11-12	
	SB107_14-15	
	SB107A_14-15	
	SB107_15-16	

Grid/Layer	Sample ID	TLRP Status
	WC-03_0-6	
	WC-03_2-3	
	SB106_0-2	
	DUP01_011018	
	SB106A_0-2	
	SB106A 2-3	
	DUP03 011618	
	SB108 0-2	
	SB108 2-3	
	SB109 0-1	
	SB110 0-2	
	SB2a (1-2)	
	SB1a (1-2)	
	WP-SB-01_C1-3	
	WP-SB-01_C3-1-2	
	WP-SB-01_C2-3	
	WP-SB-01 D1-1-2	
	WP-SB-01 C2-1-2	
	WP-SB-01 D1-3	
	WP-SB-01 A1-3	
	WP-SB-01 A2-1-2	
	WP-SB-01 D2-1-2	
	WP-SB-01 C1 10	
	WP-SB-01_C3_10	
	WP-SB-01 A 1-2	
	WP-SB-01 B 1-2	
	WP-SB-01_C_1-2	
	WP-SB-01_SWN_1-2	
	WP-SB-01_SWE_1-2	
	WP-SB-01_SWS_1-2	Not Approved
	WP-SB-01_SWW_1-2	
WC03	WP-SB-01 FLOOP 5	
11005	WP-SB-01 D2 10	
	WP-SB-01_E1_1-2	
	WP-SB-01 F1 3-4	
	WP-SB-01 F1 1-2	
	WP-SB-01_SWN_1-2	
	WP-SB-01_SWN_10	
	WP-SB-01 FLOOP 10	
	WP-SB-01_C2_10	
	DUP01_021720	
	WC-03 6-12	
	WC-03 7-8	
	SB3 (8 5-0)	
	SB4 (6-6 5)	
	WP-SB-01 SWW 10	
	WP-SB-01 SWN F 12	
	WC-03 12-18	
	WC-03 15-16	
	SB106_11-12	
	SB106B 14-15	
	SB108 6-8	
	SB108_11-12	
	SB108_15-16	
	SB100_13-10	
	SB110 10-12	
	SB110_17-19	
	DUD06 021719	
	WC-03 19-36	
	WC-03_25-26	
	SB106B 22-25	Approved
	SB100 10-20	Approved
	SB109_19-20	
	30103 22-24	



WC-05_0-1 WC-05_0-6 SB7a (1-2) SB115_0-2 SB115_0-2 SB116_0-1 SB117_0-2 SB118_0-2 WC-05_1-12 DUP01_20190618 WC-05_11-12 DUP02_20190618 WC-05_12-18 WC-05_12-18 WC-05_12-18 WC-05_17-18 SB115_15-16 SB116_15-17 SB115_15-16 SB117_15-16 SB117_18-20 SB117_18-20 SB117_18-20 SB117_18-20 SB117_16-6 SB107_21-23 DUP05_021318 SB107_26-28 SB111_24-26 SB111_24-26 SB111_22-24 SB111_22-24 SB115_31-32 SB116_3-31 SB115_3-34 SB116_3-34 SB116_3-34 SB116_3-24-25 DUP04_012918 SB117_6-68 DUP04_012918 SB117_6-768 SB117_67-68	Grid/Layer	Sample ID	TLRP Status
WC-05_0-6 SB7a (1-2) SB115_0-2 SB115_0-1 SB117_0-2 SB118_0-2 WC-05_6-12 DUPO1_20190618 WC-05_11-12 DUPO2_20190618 WC-05_11-12 DUPO2_20190618 WC-05_11-12 DUP02_20190618 WC-05_11-12 DUP01_20190618 WC-05_11-12 DUP01_20190618 WC-05_11-12 DUP01_20190618 WC-05_11-12 SB115_1-13 SB115_15 SB115_15 SB115_15-16 SB115_15-16 SB111_15-17 SB111_18-50 SB111_18-57-59 SB101_66-67 SB101_20-30 SB111_24-26 SB111_24-26 SB111_24-26 SB115_31-32 SB115_31-32 SB116_37-38 SB116_37-38 SB116_37-38 SB116_42-43 SB116_42-43 SB117_67-68 DU		WC-05_0-1	
SB7a (1-2) SB115_0-2 SB116_0-1 SB116_0-2 SB-118_0-2 WC-05_6-12 DUP01_20190618 WC-05_11-12 DUP02_20190618 WC-05_11-12 DUP02_20190618 SB115_7-8 SB116_9-10 SB8 WC-05_12-18 WC-05_12-18 WC-05_12-18 WC-05_12-18 WC-05_12-18 SB115_15-16 SB115_15-16 SB117_18-20 SB-118_67-69 SB107_21-23 DUP05_021318 SB107_26-28 SB107_26-28 SB111_24-26 SB115_3-30 SB115_3-31 SB115_3-32 SB115_3-34 SB116_3-34 SB116_37-38 SB116_37-38 SB117_67-68 DUP04_012918 SB117_67-68 DUP04_012918 SB117_67-68 WC04/WC05_18-20 Approved		WC-05_0-6	
SB115_0-2 SB116_0-1 SB117_0-2 SB-118_0-2 WC05_6-12 DUP01_20190618 WC05 DUP02_20190618 WC05 SB115_7-8 SB116_9-10 SB1 SB1 WC05_12-18 WC-05_17-18 SB115_15-16 SB115_15-16 SB117_18-20 SB-118_15-17 SB117_18-20 SB-118_43-45 SB-118_67-69 SB101_66-67 SB111_24-26 SB111_24-26 SB111_24-26 SB111_24-26 SB111_22-24 SB111_36-38 SB115_22-24 SB116_3-31 SB116_3-34 SB116_3-34 SB116_3-34 SB116_3-34 SB116_3-34 SB117_67-68 DUP04_012918 SB117_67-68 DUP04_012918 SB117_67-68 WC04/WC05_18-20 Approved		SB7a (1-2)	
SB116_0-1 SB117_0-2 SB-118_0-2 WC-05_6-12 DUP01_20190618 WC-05_11-12 DUP02_20190618 WC-05_11-12 DUP01_20190618 WC-05_11-12 DUP01_20190618 WC-05_11-12 DUP01_20190618 WC-05_11-12 DUP01_20190618 WC-05_11-12 DUP01_20190618 WC-05_11-12 Not Approved SB115_1-12 SB115_15-16 SB115_15-16 SB115_15-16 SB111_15-17 SB111_12-16 SB10_6-67 SB10_6-67 SB10_7_26-28 SB111_22-24 Excavation SB114_30-31 SB114_30-31 SB114_30-31 SB114_30-31 SB115_22-24 SB116_33-34 SB116_33-34 SB116_37-38 SB116_37-38 SB117_67-68 DUP04_012918 SB117_67-68		SB115_0-2	
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	Elements (18-26')	WC04/WC05_18-20	Approved

Impact Environmental

Material Acceptance Plan

Taylors Lane Remediation Project 1001 Taylors Lane, Cinnaminson Township, New Jersey NJDEP SRP Program Interest Number 000387

February 12, 2020

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List of Attachments

- Exhibit 1: Facility Location Map
- Exhibit 2: LSRP Retention Notice
- Exhibit 3: Impact Environmental General, Pollution and E&O Insurance Certificate
- Exhibit 4: Application Form
- Exhibit 5: Construction Stormwater Permit
- Exhibit 6: Sample Transportation and Disposal Notification
- Exhibit 7: Transportation Charter

1 Introduction

This Material Acceptance Plan ("MAP") has been prepared in accordance with New Jersey Administrative Code (NJAC) 7:26E to establish protocols for review, approval, transportation, and on-site management of materials proposed for importation to the Taylors Lane Remediation Project located at 1001 Taylors Lane, Cinnaminson Township, Burlington County, New Jersey (the "facility"), as required to construct warehouse buildings. The materials proposed for importation will be composed of fill materials meeting clean fill standards as defined by NJDEP.

The intention of this document is to outline the means and methods required to ensure protection of the public and the environment, and to maintain compliance with requirements of the New Jersey Department of Environmental Protection ("NJDEP") Site Remediation Program ("SRP") and the codes, rules and regulations of Cinnaminson Township, and other applicable regulatory Agencies with jurisdiction over the facility.

2 Description of Facility

The Facility is located at the southwest corner of the intersection of Taylors Lane and River Road. The Facility has three entrances from Taylors Lane. The Facility covers an area of approximately 95 acres, and is designated as Block 610, Lot 3 on the Tax Map of Cinnaminson Township. The property generally slopes from south to north toward the Delaware River. The general elevation at the south end of the facility is approximately 60 feet above mean sea level, while the northern property boundary lies at an approximate elevation of 20 feet above mean sea level. A Facility Location Map is presented as Exhibit 1, Facility Location Map.

The northern portion of the facility, which includes approximately 55 acres, contains the majority of the former process operations and development as well as all the current operations. The southern 40 acres remains undeveloped and vegetated. The majority of the former process, storage and office buildings were demolished in 2012. The facility is surrounded by a chain-link fence.

Prior to 1953, the land that now comprises the facility was undeveloped land, portions of which were used for agricultural purposes. In 1953, the sponge iron process was initiated and has operated until October 1996 when this area of the plant was shut down.

Extensive remedial investigation has been conducted at the site over the period of 2009 to 2017. Volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs) and metals were detected at concentrations above the NJ Residential Direct Contact Soil Remediation Standard (NJ RDCSRS) in soil. classification exception area (CEA) was established in response to contaminants found in groundwater. A Response Action Outcome (RAO) was issued on December 31, 2018, indicating majority of the Areas of Concern (AOCs) were remediated to meet Unrestricted Use standards. AOCs without RAO have been undergoing further remediation to achieve unrestricted RAO.

The facility is planned be developed for a logistic industrial park. Approximately 500,000 cubic yards of clean fill materials will be required for grading and construction of warehouses at the property.

3 Certification of Suitability of Fill Sources

Determinations with respect to the certification of a NJDEP-defined Clean Fill source, and quality control engineering are administered by Impact Environmental (IE). IE maintains Professional Errors and Omissions and Pollution Liability Insurance policies (see Exhibit 3, Impact Environmental General, Pollution and E&O Insurance Certificate) with an aggregate value of \$23,000,000. A New Jersey licensed Professional Engineer (review engineer) certifies all approval determinations.

A) Review Engineer

IE has been retained as the designated entity responsible for vetting and quality control of proposed Donor Sites and the proposed clean fill materials, in accordance with the procedures outlined in this section. The IE review team will include, at minimum, a project manager, materials analysts, and a New Jersey licensed Professional Engineer (collectively referred to herein as the "Review Engineer"). The Review Engineer will maintain documentation related to proposed source review, technical justifications, and other relevant environmental data pertaining to clean fill material importation. The data collected and approved by the Review Engineer will be submitted to the Licensed Site Remediation Professional (LSRP) of record, who will serve as the NJDEP Program Representative, for final approval. The LSRP of record is Mr. David Pry (Exhibit 2; LSRP License Number: 573686). Mr. Pry will review and approve clean fill donor sources in accordance with applicable regulations and guidance.

B) Donor Site Review and Approval

With the exception of proposed soil or aggregate products from a permitted NJDEP Class B Recycling Facility, fill sources that are considered for acceptance at the Facility will be subject to a due diligence screening process to determine its suitability for Classification as NJDEP-defined Clean Fill. NJDEP-defined Clean Fill is identified to be soils that are uncontaminated or soil remediated to meet the "Unrestricted Use Standard", which is defined as the most stringent of all applicable Soil Remediation Standards (Residential Direct Contact Soil Remediation Standard, Non-Residential Direct Contact Soil Remediation Standard and New Jersey Default Impact to Groundwater Soil Screening provided NJDEP under NJAC 7:26D 7:26E Levels) by the and NJAC (https://www.nj.gov/dep/srp/guidance/). Clean Fill needs be free of extraneous debris or solid waste. These soils are suitable for use without restrictions. Clean Fill may be reused as per 7:26-1.7(g)3 and be in compliance with the Solid Waste Rules without needing to obtain a Certificate of Authority to Operate (CAO)/Beneficial Use Determination (BUD).

The 7:26-1.7(g) 3 code states: This subsection is not applicable to materials used or reused directly as a product or as a substitute for raw material which is incorporated into a product that meets the original product specifications, provided the material poses no greater risk to human health or the environment than the use of the product or raw material it is replacing.

Proposed clean fill material from Donor Sites will be subject to a vetting process to determine suitability for beneficial reuse and compliance with NJDEP requirements. Donor Sites under consideration will be required to submit a Donor Compliance Package ("DCP") for proposed clean fill material, including certified laboratory report, available site environmental investigation reports, available site geotechnical investigation reports, and a completed Donor Source Profile Form (included as Exhibit 4). The Donor Source Profile will be signed by the generator or its authorized representative to provide and certify the proposed quantity of clean fill material, the physical and chemical characteristics of the material, history of the Donor Site, environmental regulatory involvement, and available reports/sample data.

As part of each DCP review, the Review Engineer will evaluate the environmental setting of each proposed Donor Site by: 1) reviewing laboratory analysis; 2) obtaining additional chemical testing consistent with the Fill Material Guidance for SRP Sites (Version 3.0, issued April 2015); 3) inspecting the Donor Site (if/as needed); and 4) reviewing relevant database. Following review of a suitable Donor Site source, IE will issue an approval letter to the generator for proposed fill material meeting Unrestricted Use Standard. This approval letter will bear the seal of a licensed Professional Engineer.

C) Physical Testing

Clean fill material will be physically consistent with existing Site characteristics, and will be free of municipal solid waste ("MSW"), putrescible wastes, free liquids/product, vegetation wastes, friable asbestos wastes, medical/biohazard wastes, and special/universal wastes. Clean fill material may be subject to conformance with additional physical or geotechnical specifications (in accordance with testing protocols herein) as defined outside of this document, or as appended to this document following LSRP review and approval.

D) Chemical Testing

Chemical testing will be performed at proposed Donor Sites by IE, an agent or representative designated/contracted by IE, the generator, or a third-party environmental engineer or consultant contracted by the generator (collectively, the "Testing Entity"). Sampling may be conducted ex-situ from cordoned-off (" closed") stockpiles, or in-situ using test pits or soil borings collected from demarcated grids of fixed volumes over the proposed excavation area. Default sampling frequency will be consistent with the Fill Material Guidance for

SRP dated April 2015. Sampling will be performed following protocols in the NJDEP Field Sampling Procedures Manual (August 2005), and as discussed in the Fill Material Guidance for SRP Sites, including proper decontamination and sample preservation methods, and shipped under chain-of-custody documentation to an NJDEP-certified laboratory for analyses. Samples should be analyzed in accordance with USEPA Target Compound List/Target Analyte List parameters plus 30 non-targeted organic compounds (TCL/TAL+30), including VOCs, SVOCs, PCBs, pesticides/herbicides, metals, and extractable petroleum hydrocarbons (EPH).

The LSRP of record or the designated Review Engineer may also require or allow a modified sampling methodology (such as adjusted sample collection frequency, use of composites samples in place of discrete, additional QA/QC sampling and reporting, additional sampling at the Donor Site or incoming loads prior to placement, or modified/supplemental analytical parameters) on a case-by-case basis, based on Donor Site considerations such as site-specific conditions, homogeneity, environmental setting and site history. In other cases, the LSRP or Review Engineer may be provided with a DCP including sample analyses that lack results for certain individual parameters for comparison against the Acceptance Criteria, but that otherwise allows for satisfactory characterization of the chemical nature of the donor material. In either case, the LSRP or Review Engineer will document the technical justification for approving the donor material for Site importation.

E) Geotechnical Testing Protocols

Geotechnical testing of clean fill materials will be required if deemed necessary by the Review Engineer, material placement contractor, Site owner, or owner's geotechnical or structural engineer. Testing requirements will be implemented as needed to ensure that material will be suitable for placement logistics, proper slope stabilization and compaction, Site safety, structural / geotechnical specifications for planned Site development, protection of the public health and environment, and compliance with NJDEP and Cinnaminson Township requirements. If required, the Testing Entity will collect geotechnical samples at a default sampling frequency of one (1) composite sample per 5,000 cubic yards of proposed donor material, for shipment under chain-of-custody documentation to a certified materials testing laboratory for gradation analyses using ASTM Method D-421/422. Clean fill material may be subject to conformance with additional physical or geotechnical testing as further established outside of this document.

F) Final Approvals

When the Review Engineer has completed the vetting process for a Donor Site, notice will be sent to the NJDEP Program Representative for final determination of environmental suitability of the proposed clean fill material. The notice will include a written approval and all supporting documentation used in the decision. The notice will also bear the seal of a licensed Professional Engineer. The LSRP of record will review the notice and provide a confirmation approval letter within ten (10) days.
4 Facility Grading Activities

Best management practices will be implemented to affirm quality control engineering determinations, and to minimize uncontrolled dispersion of the NJDEP-defined Clean Fill during all aspects of its storage and handling in connection with its use for facility-wide grading applications. Foremost of the best management practices will be to provide appropriate accountability of the fill soil through the use of facility controls.

A) Facility Controls

Inspection of Incoming Clean Fill

All incoming loads of Clean Fill will be visually inspected while on the transport vehicles and after being unloaded from the vehicle by designated facility safety personnel, herein referenced as the facility safety team. Soils that contain visible volumes of delirious debris (i.e. municipal solid waste, etc.) will be rejected from the Facility.

If it is suspected that the soil within the truck has been altered, replaced or added to in any way, the applicable contingency plan measures will be followed.

Fugitive Particulate (dust)

Where deemed necessary, airborne fugitive particulate emissions at the Facility at the nearest downwind property line will be measured by the Facility safety team on a continuous basis during soil handling activities. The measurements will be made using a portable particulate monitoring device manufactured by the Casella Corporation. The monitoring device is capable of detecting airborne particulate (PM-10) at concentrations ranging from 1 to 1000 micrograms per cubic meter (ug/m3). Detected concentrations are logged within the instrument memory and can be retrieved using Microsoft Windows-based software provided by the manufacturer. Retrieved data can be imported into standard PC-based spreadsheet and database software for analysis and report presentation.

If during handling of Clean Fill soil the total downwind PM-10 particulate level is 150 micrograms per cubic meter (ug/m3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then the handling activities must immediately stop, and the dust suppression techniques presented herein must be employed. Activities cannot resume until the mitigating measures result in a net downwind PM-10 particulate concentration below 150 ug/m³.

If, after implementation of dust suppression techniques, downwind PM - 10 particulate levels are greater than 150 ug/m3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume

provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 ug/m3 of the upwind level and in preventing visible dust migration.

At a minimum, where the particulate monitoring device is used, the following information will be logged:

- Instrument type and detection range
- Control settings
- Atmospheric conditions
- Calibration Records

Fugitive dust suppression measures and controls will consist of the following:

- A strict facility-wide speed limit will be set at 15 miles per hour.
- Where necessary, residual soil will be wetted using potable water where it is loaded or unloaded from or to a transport vehicle.
- Trucks will be cleaned in the washing station prior to exiting the Facility.
- Stockpiles will be covered with plastic polyethylene sheeting during periods of inactivity.
- Excavation and handling activities will be halted where winds exceed 40 miles per hour.
- Where possible, unloading of Clean Fill will be performed within the central portions of the Facility as to provide maximum distance to the property lines.
- Clean Fill handled on the facility will be covered while being transported within trucks.

Stormwater

The Facility is subject to Erosion and Sediment Controls approved under a New Jersey Pollution Discharge Elimination System (NJPDES) Permit issued by the NJDEP (Exhibit 5: NJPDES 5G3 -Construction Activity Stormwater Permit No. NJG0304875). The approved plan has provision to address the management of stormwater in accordance with the methods outlined in the NJDEP Stormwater BMP Manual and NJPDES regulations.

Temporary erosion control measures include erosion control matting, Filtrexx Silt Soxx, and a rock construction entrance. Erosion and sedimentation control measures are maintained and inspected after each runoff event and on a weekly basis. To prevent excessive stormwater runoff at the Facility, fill soil will not be unloaded at the Facility during periods of significant precipitation (>1 inch per hour). All stockpiles that will remain overnight will be surrounded with silt fences and/or other control measures, as needed, to prevent runoff of sediments from the Facility.

B) Administrative Controls

The Facility is subject to random inspections by the Review Engineer and by NJDEP personnel. During such inspections transportation information and samples of incoming and/or placed Clean Fill can be collected and submitted to a laboratory for quality control analysis.

Transportation Controls

Prior to the transportation of the Clean Fill, a Transportation and Disposal Notification for each source will be sent out to all personnel involved from the Review Engineer or his designated agent in email format. When appropriate, the notification email will contain the following information: project number, donor site address, fill soil type (code), receiving facility, trucking company, number of trucks and rounds scheduled, start time, managing company and a job type code assigned by Impact (**Exhibit 6, Sample Transportation and Disposal Notification**).

All transportation vehicles allowed to access the Facility will be covered by an insurance policy with coverage sufficient to cover the costs to execute the measures specified within the contingency plan for a loaded vehicle accident.

Trucks scheduled to deliver fill soil to the Facility will be given a transport charter to act as a transportation manifest. The charters are printed on sequentially numbered five-part carbonless forms that are golden, white, yellow, pink and blue (see **Exhibit 7, Transportation Charter**). The driver of each truck will complete "Section 1" of each charter before it departs from the donor source site. "Section 2" will be fully completed by a representative of the Generator before exiting the donor site. "Section 3" of the charter will be completed at the Facility by a representative of the Facility following inspection, weighing and tipping. The generator will retain one part (blue) of the form prior to the truck leaving. The transporter will retain the golden and pink parts of the form and the Facility will retain the remaining.

The remaining executed parts of the charter will be paired to a numbered two-part weight receipt from a certified scale located at the Facility. The Facility will retain a duplicate of the weight ticket for reconciliation. The generator will receive the yellow part of the charter and the second part of the weight ticket.

Impact Environmental will retain the pink part of the charter and a photocopy of the weight ticket. The Facility will retain the blue part of the charter. These documents will be made available for the NJDEP for reconciliation.

The charters of all trucks arriving from the Facility will be reviewed at the weigh scale prior to any other activities (i.e. inspection or tipping). All rejected loads of any soils arriving at the Facility will be documented in a "Rejection Log".

Vehicle weighing

All transportation vehicles will be weighed by a certified scale prior to entering the Facility. All scale operators carry valid public weigh master licenses. The Facility maintains tare weight storage for calibration of the scale. A scale calibration notification will be automatically prompted by computer on a monthly basis.

C) Contingency Plan

A contingency plan has been designed to address conditions that could be encountered. The plan, which is presented below, identifies; 1) criteria for when the contingency plan is implemented; 2) alternate handling procedures for unacceptable soils; 3) alternate disposal facilities for unacceptable soils; and, 4) key contacts list (including regulatory agencies) in the event of a contingency/accident (vehicle or otherwise).

Analysis Review Failure Plan

Where sample analysis determines that the something stockpiled or placed at the Facility is not acceptable pursuant to the Facility's criteria, it will be disposed of at one of the alternate disposal facilities identified below. This contingency will prompt oral and written notification by the Review Engineer to the individuals on the Key Contact List below.

Key Contact	Affiliation	Telephone Number
Mr. Douglas Birkmire	Impact Environmental	631-269-8800

The alternate disposal facility has been identified as Phase III in Palmerton, Pennsylvannia. Unacceptable soils moving to the alternate disposal facilities would be tracked and documented in the same manner as the accepted fill soil that was moving into the Facility. However, new transportation charters would be completed as appropriate to the facility for each truck containing the unacceptable soil.

Rejection at Facility – Temporal Disparity in Transport

Where the Facility safety team has determined that a vehicle has taken an excessive period of time to arrive at the Facility from the fill soil source location, the Review Engineer will be notified. In such a situation the Review Engineer will document such occurrence, and query the driver and transportation company owner for written

justification of the temporal disparity. If the Review Engineer is satisfied with the justification, the fill soil will be accepted at the Facility and inspected as required before tipping. If the Review Engineer is not satisfied with the explanation for the temporal disparity, the vehicle and the load will be returned to its source location.

Rejection at Facility – Inspection Rejection

Where the Facility safety team has determined that a vehicle load contains non-conforming and/or deleterious debris, or suspects that the truck load has been altered, replaced or added to in any way, the Review Engineer will be notified.

In such a situation the Review Engineer will document such occurrence, and the vehicle and the load will be returned to the donor site. If rejection occurs after tipping at the facility the truck will be re-loaded with the same soil with a front-end loader that is always available at the Facility. If excess soil exists due to over-cutting with the loader, the balance of the soil will be placed on and covered with plastic sheeting until the responsible transportation company can arrange for its removal back to the residual soil source location.

This contingency will prompt oral and written notification by the Review Engineer to the individuals on the Key Contact List below.

Key Contact	Affiliation	Telephone Number
Mr. Douglas Birkmire	Impact Environmental	631-269-8800

ATTACHMENTS

Exhibit 1: Facility Location Map



Data use subject to license. © DeLorme. DeLorme Topo USA® 7.0. www.delorme.com Exhibit 2: LSRP Retention Notice



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

CATHERINE R. MCCABE Commissioner

February 13, 2020

PHILIP D. MURPHY Governor

SHEILA Y. OLIVER Lt. Governor

> David Pry Principal David Pry CPG, LLC 35 Charissa Court Hewitt, NJ 07421 License Number: 573686

Chris Schade Director HOEGANAES CORP 1001 Taylors Ln Cinnaminson, NJ 08077

James Brennan Ceo 1001 TAYLORS LANE LLC 1 Sea Box Drive East Riverton, NJ 08077

RE: Retention

1001 TAYLORS LNCinnaminson Twp, Burlington CountySRP-PI:000387Activity Number Reference:RET200001Hired To Address:Specific Known Contaminated AOC(s)

Dear James Brennan:

This letter serves to advise you that an LSRP Notification of Retention Form has been received by the New Jersey Department of Environmental Protection (NJDEP) at\or for the case(s) noted above. The NJDEP confirms that David L Pry was retained on February 13, 2020.

On May 7, 2009, the Site Remediation Reform Act (SRRA) was enacted. SRRA establishes criteria for the licensing of site remediation professionals who will assure that contaminated sites are remediated in accordance with the Technical Requirements for Site Remediation, N.J.A.C. 7:26E. SRRA authorizes the NJDEP to establish mandatory timeframes for the completion of each phase of remediation. These timeframes, as well as other requirements of the Act, have been codified in regulations that became effective on November 4, 2009. The complete rule can be found at www.state.nj.us/dep/srp/regs/arrcs/arrcs_rule.pdf. N.J.A.C. 7:26C-2.4 identifies the requirements with which you must comply.

Per NJDEP's records, the following case types have been identified for this case:

Case#	Case Type	
LSR190001	ISRA	

**Note: For some Retentions, Remedial Action Permits, some Childcare facilities and for some computer tracking system issues there will be no Case Types.

As the person responsible for conducting the remediation at case E2019173742 Hoeganaes Corporation, the SRRA requires you to do the following:

~ Within 45 days of the hiring the licensed site remediation professional (LSRP) to perform the remediation you are required to submit the first annual remediation fee and a completed Annual Remediation Fee Reporting form. This can be filed electronically through NJDEP Online, http://www.nj.gov/dep/online/;

~ Conduct the remediation without the prior approval of the NJDEP in accordance with the requirements set forth at N.J.A.C. 7:26E, the Technical Requirements for Site Remediation and N.J.A.C. 7:26C, Administrative Requirements for the Remediation of Contaminated Sites;

 $\sim\,$ Provide the NJDEP with access to the contaminated site and documents concerning the remediation; and

~ Obtain all necessary permits.

Failure to comply with the obligations above may result in the NJDEP taking direct oversight of the remediation of the contaminated site. Once a site or a portion of a site is under direct Department oversight, the responsible party forfeits all rights in the decision making process regarding the remedial investigation and remedial action to be performed at the site, including remedy selection. Additionally, the responsible party will be required to post a remediation funding source and the NJDEP will control the disbursements from the remediation funding source. (http://www.nj.gov/dep/srp/guidance/srra/direct_oversight.pdf)

Our records have indicated that you have modified the Responsible Party for this retention. You must submit a Site and Contact Information Update form which can be found at http://www.nj.gov/dep/srp/srra/forms/ to have the Responsible Party verify this modification.

The contact information provided above is based on information previously provided to the NJDEP. If you have questions on any of the above contact information, you can contact the Compliance Assistance Duty Officer at (609) 633-1464.

Sincerely,

Kustin Harn

Kirstin Hahn, Bureau Chief Bureau of Case Assignment & Initial Notice

Exhibit 3: Impact Environmental General, Pollution and E&O Insurance Certificate

AT IMPACT, WE'VE GOT YOU

Impact Environmental's insurance program consists of the broadest coverage commercially available in the marketplace. It is important both for us and our clients that we carry the broadest coverage available in the market for two reasons,

- 1. It ensures we have the necessary Balance Sheet protection to weather almost any event which means we can focus on completing our clients' work, and
- 2. It means that our clients will be protected to the greatest extent possible from claims that could potentially arise during the course of operations.

At a time when many environmental contractors are making drastic cuts to stay alive, you can rest assured that you are on **SOLID GROUND** with Impact Environmental. Below are some key areas where our insurance program offers better protection to us and our clients:



PRIMARY GENERAL, POLLUTION AND PROFESSIONAL LIABILITY

Higher Primary Limits - \$2MM per Occurrence/Claim, \$4MM Aggregate Limit: Many contractors carry only \$1MM in Primary Limits. Impact Environmental's limits are higher and can reduce the risk of triggering an owner's policy in event of a loss.

Combined Policy Form: This means one insurance company to deal with on virtually any liability situation the company may be faced with resulting from Impact Environmental's work. This increases the likelihood that any potential 3rd party claims will be paid in an expedient manner and with less finger pointing (i.e. litigation).

Defense costs *in addition* **to liability limits:** Impact Environmental's liability limits will not be eroded by defense costs in the event of a claim on both the General Liability and Pollution Liability coverage. Again, this provides greater protection to our clients.

GENERAL LIABILITY

General Aggregate applies to Each Location or Project: With the increasing use of Additional Insured Requirements in contracts, Commercial General Liability Limits are shared with numerous Additional Insureds who are unrelated to your project. In the event of a large loss involving a completely unrelated project, limits could be quickly depleted. With the Per Location/Per Project Aggregate Endorsement, Impact Environmental has adequate limits for all of its jobsites.

Blanket Additional Insured coverage with NO Direct Contract Requirement: Although most contractors have coverage that can name an owner as an Additional Insured, many times there is a Direct Contract Requirement in the policy. This means there would be no Additional Insured coverage from the subcontractor to the Owner if the subcontractor has entered into a contract with the General Contractor and not directly with the Owner. Impact Environmental's policy doesn't have this common limitation, and anyone required in a contract to be named as an Additional Insured will be covered.

Blanket Primary/Non-Contributory Additional Insured Coverage: This enhancement will allow claims against an Owner/General Contractor that have been given Additional Insured status on Impact Environmental's policy to access all of Impact Environmental's limits since their insurance will be primary in the event of a claim and will not require sharing.



POLLUTION LIABILITY

Expanded Definition of Property Damage: In the event of a Pollution loss, Impact Environmental has broad enhancements that provide coverage for third party property damage, loss of use of tangible property, diminished value of property owned by others and Natural Resource Damage coverage. Most environmental insurance policies limit this definition which could leave the Owner or General Contractor exposed on a job.

Blanket Non-Owned Disposal Sites Coverage: Impact Environmental's policy provides coverage for pollution losses that arise from the disposal sites we use to dispose of our Client's waste. This means that our clients don't have to worry that years down the road they will have to pay to clean up a disposal site used by Impact Environmental.

Financial Responsibility: Impact Environmental's Auto policy meets regulatory and financial responsibility requirements for companies that haul potential pollutants by having the appropriate MCS-90 endorsement. This means that transportation related pollution claims will be paid by Impact Environmental's insurance company regardless of whether there is insurance coverage.

Transportation Coverage: Impact Environmental's policy provides pollution coverage from cradle to grave including while waste product is in transit. This also means there is insurance coverage for Impact Environmental to back up the Financial Responsibility requirements placed on waste haulers by the Motor Carrier Act of 1980.

EXCESS LIABILITY

Substantial Excess Limits: The \$23M per Occurrence in Excess of \$2M over the underlying General, Pollution and Professional Liability policy provides significant limits that would go towards a loss before triggering an owner's policy. In certain jurisdictions, particularly New York, there is case law requiring all Primary policies to be exhausted before Excess policy limits are forced to pay. With Blanket Primary Non-Contributory Additional Insured coverage also extending to Impact's Excess Policy, owners' limits are better protected.

Following Form Coverage: The terms and conditions of the Umbrella policy are just as broad as the underlying coverages. Most Excess policies strive to reduce coverage over the Primary policies.

When you are dealing with environmental issues, you want superior quality and exceptional service at the best possible price. At Impact Environmental, we've proved that we can deliver quality, service and price through intelligence, dedication and innovation. We aim for and deliver total satisfaction.

www.impactenvironmental.com We'll put you on solid ground.

IRONSHORE your safe harbour

IRONSHORE SPECIALTY INSURANCE COMPANY

75 Federal St Boston, MA 02110 Toll Free: (877) IRON411

THE INSURER(S) NAMED HEREIN IS (ARE) NOT LICENSED BY THE STATE OF NEW YORK, NOT SUBJECT TO ITS SUPERVISION, AND IN THE EVENT OF THE INSOLVENCY OF THE INSURER(S), NOT PROTECTED BY THE NEW YORK STATE SECURITY FUNDS. THE POLICY MAY NOT BE SUBJECT TO ALL OF THE REGULATIONS OF THE INSURANCE DEPARTMENT PERTAINING TO POLICY FORMS.

ENVIRONMENTAL PROTECTION INSURANCE COVERAGE PACKAGE (EPIC PAC) DECLARATIONS

Policy Number: 000291602

Renewal of Policy Number: 000291601

Item 1. Named Insured & Mailing Address:

Impact Environmental Consulting, Inc. 170 Keyland Court Bohemia, NY 11716

Item 2.	Policy Period:	Effective:	May 12, 2012	Expiration: May 12, 2013	
		12:01 a.m	. time at your n	nailing address shown above	e.

Item 3.	Limits Of Insurance And Deductible:	LIMIT	DEDUCTIBLE
	Each Occurrence Limit – COVERAGE PART I: Coverage A, B, C Inclusive Coverage A: General Bodily Injury and Property Damage Liability Coverage B: Hostile Fire and Building Equipment Liability Coverage C: Products Pollution and Exposure Liability	\$ 2,000,000	\$0
	Each Occurrence Limit – COVERAGE PART I: Coverage D,E,F Inclusive Coverage D: Time-Element Pollution Bodily Injury and Property Damage Liability Coverage E: Non-Owned Site Pollution Bodily Injury and Property Damage Liability Coverage F: Pollution Liability during Transportation	\$ 2,000,000	\$10,000
	Each Occurrence Limit - Contractors Pollution Liability: Coverage G	\$ 2,000,000	\$10,000
	Damage to Premises Rented to You Limit: Any one premises	\$ 500,000	N/A
	Personal and Advertising Injury Limit: Any one person or organization	\$ 1,000,000	N/A
	Employee Benefits Administration Liability Limit: Any one employee	\$ 1,000,000	N/A
	Medical Expense Limit: Any one person	\$ 25,000	N/A
	Each Incident Limit - COVERAGE PART III: Site Pollution Incident Legal Liability	\$ 2,000,000	\$25,000
	Each Incident Limit - COVERAGE PART IV: Professional Liability	\$ 2,000,000	\$20,000
	GENERAL AGGREGATE LIMIT	\$ 4,000,000	N/A
	PRODUCTS COMPLETED OPERATIONS AGGREGATE LIMIT	\$ 4,000,000	N/A

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Item 4. Form of Business:

□ Individual □ Partnership □ Joint Venture □ Trust □ Limited Liability Company ☑ Organization, Including a Corporation (But not including a Partnership, Joint Venture, or Limited Liability Company)

Item 5.

Policy Premium:	\$178,374.00
Premium for Acts of Terrorism (TRIA):	Not Purchased
Total Premium (Including TRIA):	\$178,374.00
NY Surplus Lines Premium Tax:	\$6,421.46
NY Stamping Fee:	\$356.74
Total Amount Due:	\$185,152.20

Item 6. Professional Liability Retroactive Date: 01/08/2003

Item 7. Site Pollution Legal Liability Retroactive Date:

See INSURED SITE SCHEDULE (If Applicable)

Item 8. Broker & Mailing Address:

Ironshore Insurance Services LLC 75 Federal Street Suite 500 Boston, MA 02110

Service Provider:

Graham Company One Penn Square West Philadelphia, PA 19102

Item 9. Policy Coverage Form: Endorsements: IE.COV.EPIC.001 (0411) Coverage Form See SCHEDULE OF ENDORSEMENTS

Date: May 31, 2012 MO/DAY/YR.

Alli

Authorized Representative

Named Insured:

Impact Environmental Consulting, Inc.

Policy Number: 000291602

Effective 12:01 AM: May 12, 2012

SCHEDULE OF ENDORSEMENTS

Endorsement number - Form Number - Edition Date - Form Name

1. IE.PN.ALL.002 (1010) NOTICE OF CLAIM

2. IE.END.ALL.002 (0409) TERRORISM EXCLUSION

3. IE.END.EPIC.003 (0409) INSURED SITE SCHEDULE

4. IE.END.EPIC.026 (0110) PROFESSIONAL SERVICES EXCLUSION COVERAGE PART I

5. IE.END.ALL.001 (0409) NAMED INSURED

6. IE.END.EPIC.012 (0411) SPECIFIED ADDITIONAL INSURED

7. IE.END.EPIC.014 (0509) SPECIFIED ENTITY - WAIVER OF RIGHTS OF RECOVERY

8. IE.END.EPIC.019 (0709) NOTICE OF CANCELLATION_DESIGNATED ENTITY

9. MANUSCRIPT: SPECIFIED LIMITS OF INSURANCE AMENDMENT

IRONSHORE your safe harbour

IRONSHORE SPECIALTY INSURANCE COMPANY

75 Federal St Boston, MA 02110 Toll Free: (877) IRON411

THE INSURER(S) NAMED HEREIN IS (ARE) NOT LICENSED BY THE STATE OF NEW YORK, NOT SUBJECT TO ITS SUPERVISION, AND IN THE EVENT OF THE INSOLVENCY OF THE INSURER(S), NOT PROTECTED BY THE NEW YORK STATE SECURITY FUNDS. THE POLICY MAY NOT BE SUBJECT TO ALL OF THE REGULATIONS OF THE INSURANCE DEPARTMENT PERTAINING TO POLICY FORMS.

ENVIRONMENTAL EXCESS LIABILITY DECLARATIONS

Policy Number: 000291702

Policy Period

Limit of Insurance

Renewal of Policy Number: 000291701

ltem 1.	Named Insured & Mailing Address:	Impact Environmental Consulting, Inc. 170 Keyland Court Bohemia, NY 11716
Item 2.	Policy Period: Effective: May 12, 2 12:01 a.m. time at y	012 Expiration: May 12, 2013 our mailing address shown above
Item 3:	LIMITS OF INSURANCE	
	a. Each Event Limit	\$ 23,000,000
	b. Aggregate Limit (See Section II.A.	.) \$ 23,000,000
Item 4.	LIMITS OF UNDERLYING INSURANCE	E a la constante de la constant
	a. Each Event Limit	See Schedule of Underlying Insurance
	b. Aggregate Limit	See Schedule of Underlying Insurance
Item 5.	CONTROLLING UNDERLYING INSUR	ANCE
	Coverage	See Schedule of Underlying Insurance
	Policy Number	See Schedule of Underlying Insurance
	Insurer	See Schedule of Underlying Insurance

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See Schedule of Underlying Insurance

See Schedule of Underlying Insurance

item 6.		
	Policy Premium:	\$102,053.00
	Premium for Acts of Terrorism	(TRIA): Not Purchased
	Total Premium (Including TRIA)	\$102,053.00
	NY Surplus Lines Premium Tax	\$3,673.90
	NY Stamping Fee:	\$204.10
	Total Amount Due:	\$105,931.00
	Minimum Earned Premium:	\$0
ltem 7.	Broker & Mailing Address:	Ironshore Insurance Services LLC 75 Federal Street Suite 500 Boston, MA 02110
	Service Provider:	Graham Company One Penn Square West Philadelphia, PA 19102
Item 8.	Policy Coverage Form:	IE.COV.EEL.001 (0409) Excess Coverage Form
	Endorsements:	See Schedule of Endorsements
Date: <u>May :</u> MO/I	<u>31, 2012</u> DAY/YR.	Authorized Representative

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Named Insured:

Impact Environmental Consulting, Inc.

Policy Number: 000291702

Effective 12:01 AM: May 12, 2012

SCHEDULE OF ENDORSEMENTS

Endorsement Number - Edition Date - Form Name

- 1. IE.PN.ALL.002 (1010) Notice of Claim
- 2. IE.END.ALL.002 (0409) Terrorism Exclusion
- 3. IE.PN.EXCESS.001 (0409) Schedule of Underlying Insurance
- 4. IE.END.EXCESS.001 (0409) Non Followed Coverage Section or Clause Endorsement
- 5. IE.END.ALL.001 (0409) Named Insured

IE.DEC.EXCESS.001 (10/10) Includes copyrighted material of Insurance Service Office, Inc. with its permission Page 3 of 3



CERTIFICATE OF LIABILITY INSURANCE

FTANZOLA

DATE ((MM/	DD/	YYY	Y)
21/	1 1 1	204	20	

IMPAENV-01

					2	/14/2020
THIS CERTIFICATE IS ISSUED AS A CERTIFICATE DOES NOT AFFIRMA BELOW. THIS CERTIFICATE OF IN REPRESENTATIVE OR PRODUCER, A	A MA FIVEL SUR/ ND T	ATTER OF INFORMATION ON LY OR NEGATIVELY AMEND, ANCE DOES NOT CONSTITU THE CERTIFICATE HOLDER.	LY AND CONFERS EXTEND OR ALT TE A CONTRACT	NO RIGHTS FER THE CO BETWEEN	UPON THE CERTIFICATE HO OVERAGE AFFORDED BY TH THE ISSUING INSURER(S), A	LDER. THIS IE POLICIES UTHORIZED
IMPORTANT: If the certificate holde If SUBROGATION IS WAIVED, subjet this certificate does not confer rights	erisa ect to to the	an ADDITIONAL INSURED, the the terms and conditions of e certificate holder in lieu of su	policy(ies) must ha the policy, certain ch endorsement(s)	ave ADDITIO policies may	NAL INSURED provisions or b require an endorsement. A s	e endorsed.
PRODUCER			CONTACT Angela	Santangelo		
UNFCU Financial Services, LLC dba Indu	ustria	al Coverage	PHONE (A/C, No, Ext): (631)	736-7500 13	89 FAX (A/C, No):	
Patchogue, NY 11772			E-MAIL ADDRESS: asantan	gelo@indu	strialcoverage.com	
			INS	SURER(S) AFFO	RDING COVERAGE	NAIC #
			INSURER A : Ironsho	ore Special	ty Ins Co	25445
INSURED			INSURER B : Liberty	Mutual Fire	e Ins Co	23035
Impact Environmental Cons 170 Keyland Ct	Impact Environmental Consulting Inc.		INSURER C : LIDERTY	Insurance Property Casua	CORP. alty Insurance Company of America	42404
Bohemia, NY 11716			INSURER D : Havelers			23074
						+
COVERAGES CER	RTIFI	CATE NUMBER:			REVISION NUMBER:	
THIS IS TO CERTIFY THAT THE POLIC	ES O	OF INSURANCE LISTED BELOW	HAVE BEEN ISSUED	TO THE INSU	RED NAMED ABOVE FOR THE PC	LICY PERIOD
INDICATED. NOTWITHSTANDING ANY I CERTIFICATE MAY BE ISSUED OR MAY EXCLUSIONS AND CONDITIONS OF SUCH	requ ′ Per I Poli	IIREMENT, TERM OR CONDITION RTAIN, THE INSURANCE AFFORE ICIES. LIMITS SHOWN MAY HAVE	N OF ANY CONTRA DED BY THE POLIC BEEN REDUCED BY	CT OR OTHER IES DESCRIE PAID CLAIMS	R DOCUMENT WITH RESPECT TO BED HEREIN IS SUBJECT TO ALL) WHICH THIS THE TERMS,
INSR LTR TYPE OF INSURANCE	ADDI INSD	L SUBR D WVD POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A X COMMERCIAL GENERAL LIABILITY					EACH OCCURRENCE \$	2,000,000
		000291609	5/12/2019	5/12/2020	PREMISES (Ea occurrence) \$	500,000
					MED EXP (Any one person) \$	1 000 000
					PERSONAL & ADV INJURY \$	4.000.000
BOUCY X PRO-					GENERAL AGGREGATE \$	4,000,000
					PRODUCTS - COMP/OP AGG \$	
					COMBINED SINGLE LIMIT	1,000,000
X ANY AUTO		AS2Z11B83P14019	5/12/2019	5/12/2020	BODILY INJURY (Per person) \$	
AUTOS ONLY SCHEDULED AUTOS ONLY AUTOS HIRED AUTOS ONLY AUTOS ONLY					BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$	
					\$	23 000 000
	=	000291709	5/12/2019	5/12/2020	EACH OCCURRENCE \$	23.000.000
	-				AGGREGATE \$	
C WORKERS COMPENSATION AND EMPLOYERS' LIABILITY		WC7Z11B83P14029	5/12/2019	5/12/2020	X PER OTH-	1.000.000
(Mandatory in NH)		A			E.L. EACH ACCIDENT 5	1,000,000
If yes, describe under DESCRIPTION OF OPERATIONS below					E.L. DISEASE - POLICY LIMIT \$	1,000,000
A Pollution Liab		000291609	5/12/2019	5/12/2020	Occ/Agg	2,000,000
D Prop/Contractor Eqp.		QT6603C466013TIL19	5/12/2019	5/12/2020	Leased/Rented/Ded 5K	500,000
	CLES (ACORD 101, Additional Remarks Schedu	le, may be attached if mo	re space is requi	red)	
			CANCELLATION			
Taylors Lane Remediation I 1001 Taylors Lane Cinnaminson, NJ 08077	Proje	ct	SHOULD ANY OF THE EXPIRATIO ACCORDANCE WI	THE ABOVE D N DATE TH TH THE POLIC	DESCRIBED POLICIES BE CANCEL IEREOF, NOTICE WILL BE DI CY PROVISIONS.	LED BEFORE ELIVERED IN
			for			
			1			

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Exhibit 4: Application Form



IMPACT ENVIRONMENTAL 170 Keyland Court | Bohemia | NY | 11716 | 631.269.8800

welcome to solid ground...

www.impactenvironmental.com

APPLICATION FORM

TAYLORS LANE REMEDIATION PROJECT – CINNAMINSON, NJ

(PLEASE PRINT **O**R TYPE – ATTACH ADDITIONAL SHEETS IF NECESSARY)

PROJECT INFORMATION

1) NAME, ADDRESS AND TELEPHONE NUMBER OF SOURCE OWNER/GENERATOR:

Add: Tel: _____

2) SOURCE NAME AND PHYSICAL LOCATION (INCLUDE LOT AND BLOCK):

Add: _____

BLOCK: LOT:

3) VOLUME SUBJECT OF THIS APPLICATION: CY

4) DESCRIBE BOTH CURRENT AND HISTORIC LAND USES OF THE SITE FROM WHICH THE MATERIAL WAS GENERATED, THE DATE(S) THE MATERIAL WAS GENERATED, REASONS FOR THE GENERATION OF MATERIAL AND/OR THE PROCESS BY WHICH THE MATERIAL WAS GENERATED.

5) DESCRIBE ANY REGULATORY (ENVIRONMENTAL) INVOLVEMENT IN THE PROJECT. 6) DESCRIBE THE OPERATIONAL CONTROLS TO BE TAKEN DURING THE HANDLING AND TRANSPORTATION OF THE MATERIAL TO MINIMIZE ENVIRONMENTAL AND HUMAN IMPACTS:

7) DEFINE THE TYPE OF SOLID WASTE – IF MIXTURE, INCLUDE EACH COMPONENTS % OF THE WHOLE (INCIDENTAL AMOUNTS OF REBAR, METAL, SOIL AND OTHER BY-PRODUCTS ADHERING TO THE RECYCLABLE MATERIAL ARE ALLOWED):

CONCRETE & CONCRETE BLOCK %

BRICK %

OTHER <u>%</u>, DESCRIBE BELOW:

8) INDICATE THE ITEMS CONSIDERED FOR REFERECE WITH THIS APPLICATION:

□ A SITE MAP OF THE LOCATION OF THE SITE OF ORIGIN.

- A SAMPLING PLAN FOR ALL SAMPLES THAT WILL BE OBTAINED FROM THE PROPOSED MATERIAL, INCLUDING A SITE MAP DEPICTING SAMPLE LOCATIONS, SAMPLING FREQUENCY AND COMPOSTING FREQUENCY.
- ALL LABORATORY REPORTS PREPARED BY THE COMMERCIAL TESTING LABORATORY, INCLUSIVE OF CHAIN OF CUSTODY DOCUMENTATION.
- ANY TABULATED SUMMARY SPREADSHEETS SUMMARIZING THE DATA ON THE LABORATORY REPORTS.
- ALL AVAILABLE ENVIRONMENTAL OR GEOTECHNICAL REPORTS WITH RESPECT TO THE SITE AND OR SITES THAT WHERE THE WASTE WAS GENERATED.

9) NAME, ADDRESS AND TELEPHONE NUMBER OF THE LABORATORY:

BORATO	ORY REPORT(S) AND S ION:		DERATION AS PART OF THIS	
AME, AD	DRESS AND TELEPHO	NE NUMBER OF THE CO	MPANY THAT PERFORMED TI	ΗE
DD:				
EL:				
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CHAIN OF PAYMENT

IN ORDER, STARTING WITH THE OWNER/GENERATOR AND ENDING WITH THE COMPANY TO BE BILLED FOR LOADS OF WASTE RECEIVED, PROVIDE THE CHAIN OF PAYMENT. THIS INFORMATION WILL NOT BE USED TO CIRCUMVENT ANY PARTIES INVOLVED IN THE TRANSACTION.

OWNER/, NAME AND CONTACT #:

IF APPLICABLE, TIER 1 CONTRACTOR/BROKER, NAME AND CONTACT #:

BILLING ENTITY, NAME AND CONTACT #:

CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I AM THE OWNER/GENERATOR OF THE SOLID WASTE REFERENCED WITHIN THIS APPLICATION, AND 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 INFORMATION IS TRUE, ACCURATE AND COMPLETE. FURTHER, I BELIEVE THAT THE MATERIAL WAS CHARACTERIZED IN ACCORDANCE WITH NJAC 7:26D AND NJAC 7:26E.

I AM AWARE THAT THERE ARE SIGNIFICANT PENALITIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBLITY OF FINES AND IMPRISONMENT. I UNDERSTAND THAT, IN ADDITION TO CRIMINAL PENALITIES, I MAY BE LIABLE FOR A CIVIL ADMINISTRATIVE PENALTY PURSUANT TO APPLICABLE LAW AND THAT SUBMITTING FALSE, INACCURATE, OR INCOMPLETE INFORMATION MAY BE GROUNDS FOR DENIAL, REVOCATION, OR TERMINATION OF ANY SOLID WASTE FACILITY PERMIT, LICENSE, OR OTHER OPERATING AUTHORITY FOR WHICH I MAY BE SEEKING APPROVAL OR NOW HOLD.

NAME AND ADDRESS OF OWNER /GENERATOR (PERSONAL OR CORPORATE):

Add:

PRINTED NAME OF OWNER/GENERATOR:

SIGNATURE OF OWNER/GENERATOR:

DATED

FILL APPLICATION PACKAGE – ACCEPTANCE OF RECYCLABLE MATERIALS FOR TAYLORS LANE REMEDIATION PROJECT – CINNAMINSON, NJ Page 4 of 4 Exhibit 5: Construction Stormwater Permit

New Jersey Department of Environmental ProtectionMail Code - 401-02BPI ID #: 840493_Bureau of Nonpoint Pollution ControlPortal ID#: 1037770Water Pollution Management ElementNJPDES #: NJG0304875PO Box 420Payment Arrangement: Credit CardTrenton, NJ 08625-0420Paid Online: YesPhone: (609) 633-7021Paid On: 02/11/2020Fax: (609) 777-0432Paid Amt: \$650.00

This Authorization form is requested to be located at the regulated construction site at all times and be available for inspection by any authorized representative of the New Jersey Department of Environmental Protection. If you have designated an agent, it is your responsibility to notify your agent about this General Permit and its requirements.

AUTHORIZATION TO DISCHARGE 5G3 -Construction Activity Stormwater (GP)

To ensure compliance during the construction activity please print out the Stormwater Construction Permit terms and conditions

located at

http://www.nj.gov/dep/dwq/5g3.htm

Facility Name and Address:

TAYLOR'S LANE REMEDIATION PROJECT 1001 Taylors Lane Cinnaminson Twp, NJ 08077

Type of Activity: Stormwater Discharge General Permit Authorization New Owner: 1001 Taylors Lane, LLC One Sea Box Drive East Riverton, NJ 08077

Operating Entity: IMPACT ENVIRONMENTAL CONSULTING INC 170 KEYLAND CT BOHEMIA, NY 11716

Electronically certified online by the responsible party Xin Yuan On 02/10/2020.

Issuance Date	Effective Date of Authorization			
02/11/2020	02/11/2020			

Your Request for Authorization under NJPDES General Permit No. NJG0304875 has been approved by the New Jersey Department of Environmental Protection.

abiel Mahor

Date: 02/11/2020

Soil Conservation District – BURLINGTON 1971 Jacksonville-Jobstown Road Columbus,NJ 08022 (609) 267-7410

Gabriel Mahon, Chief Bureau of Nonpoint Pollution Control Division of Water Quality New Jersey Department of Environmental Protection

Division of Water Quality

BURLINGTON COUNTY SOIL CONSERVATION DISTRICT 1971 Jacksonville - Jobstown Road, Columbus, NJ 08022 Tel: (609) 267-7410 Fax: (609) 267-3347



TRANSMITTAL SHEET for SOIL EROSION AND SEDIMENT CONTROL ACT Chapter 251, P.L. 1975, as amended (N.J.S.A. 4:24-39 et. seq.)

00100 000

XX

To: Cinnaminson Township Municipal Bldg. Attn: Brad Regn 1621 Riverton Road Cinnaminson, NJ 08077 Application No. Block: Project Name Municipality

25120-005	<u> </u>
610	Lot: 3
Taylor's Lane Rem	ediation Project
Cinnaminson Tow	nship

Certified

Denied

Conditionally Certified

More information is required

The enclosed soil erosion and sediment control plan is:

Comments:

We find this Soil Erosion and Sediment Control Plan effective for the site and in accordance with the requirements of Chapter 251, P.L. 1975. Certification of this plan is for Soil Erosion, Sedimentation, and related Stormwater Management Controls specified in this plan. It is not authorization to engage in the proposed land use unless such use has been previously approved by the municipality or other controlling agency. In no case shall this approval extend beyond three and one half years, at which time resubmission and certification by the district will be required.

Site inspections will be made to this plan and any changes may void this certification.

A statement of compliance must be obtained from this office prior to the issuance of a certificate of occupancy on the use of this facility.

Any conveyance of this project or portion thereof shall be considered a substantial change unless the district office is given written notification of the conveyance indicating new owner(s), address of owner(s), address change, and agent responsible during construction.

Authorized Signature

Date: 02/04/20

DISTRIBUTION:

Municipal Construction Official Project Engineer District File Annlicant

XC-Township Engineer Planning Bd Secretary Burlington Co. Planning Board





NDARY RBANCE	I. ADDRESS: 1001 TAYLORS LANE TAX MAP: LOT 3, BLOCK 610 ZONED: INDUSTRIAL MUNICIPALITY: CINNAMINSON TOWNSHIP COUNTY: BURLINGTON STATE: NEW JERSEY
DRAIN	2. TOTAL AREA OF SITE: 95.18 ACRES (0 WITHIN 100-YEAR STORM FLOOD PLAIN)
DRAIN R LINE	3. TOTAL LIMIT OF DISTURBANCE (LOD): 38.7 ACRES 4. THE STORMWATER IMPOUNDMENT (NJPDES-DGW PERMIT # NJ0105252) RECEIVES STORMWATER VIA DRAIN INLETS AND SURFACE RUNOFF DUE TO SITE GRADING. WATER LEVELS IN THE IMPOUNDMENT ARE PASSIVELY CONTROLLED BY INFILTRATION AND EVAPORATION.
R LINE	5. MATERIALS MEETING NJDEP'S DEFINITION OF CLEAN FILL MAY BE IMPORTED AND STOCKPILED WITHIN THE LIMIT OF DISTURBANCE AS REQUIRED BY REMEDIATION AND PLANNED REDEVELOPMENT OF THE SITE. STOCKPILES AND APPLICABLE EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED PROGRESSIVELY AS THE MATERIALS ARE RECEIVED.
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EL (FT	X: S



IENSIONS	BAG CAPACITY	FLOW RATE	BYPASS	
AR OPENING (B X D)	(CFT)	(CFS)	(CFS)	
11.62 X 11.62	0.8	1.9	2.1	
16.25 X 16.25	1.6	2.7	3.1	
17.5 X 11.5	1.2	2.4	2.7	
22.25 X 8.75	1.2	2.5	2.9	

Exhibit 6: Sample Transportation and Disposal Notification

Xin Yuan, PE

Subject: Project #; Project Address; Transport and Disposal Notification for Thursday 2/13/20

This is a transportation notification/confirmation for a project. It is intended as a courtesy and does not represent substantive information with respect to the project. Information contained herein should be verified by telephone. Further, receipt of this notice does not guarantee acceptance into the referenced facility.

PJT #	SITE	MATERIAL	FACILITY	TRUCKER	#	RDS	START	COMPANY	JOB
	ADDRESS				TRUCKS		TIME	MANAGING	TYPE
12345	USA	Clean Fill	Cinnaminson	TBD	XX	Х	7:00:00	XXX	D

This email is intended to be reviewed in HTML format. If your device is unable to accept HTML formatted email, please notify accordingly.

Exhibit 7: Transportation Charter
Transportation Charter / Manifest

Generator:	Authorized By (print)
	1 Authorized By (title)
	Authorized By (sig)
Transporter:	Driven By
	2 Truck/Trailer Plate
	Driver Signature
Material/Note(s):	Manifest Number 02724
	TARE WEIGHT MUST BE INCLUDED NET WEIGHT GROSS WEIGHT NET TONS TARE WEIGHT
Project under the management of Impact Environmental. In case of emergency call 631-269- 8800 or 516-805-8900	TICKET NUMBER
	Received By (print)
Receiving Facility:	Date/Time
	3 By signing this manifest the Hauler accepts that it is solely responsible for the amount of material that is being transported as well as the methods and means for its travel. Driven By (sig)