



June 9, 2021

**Via Electronic Mail** – [hhawley@pa.gov](mailto:hhawley@pa.gov)

Harmonie Hawley, PE  
Environmental Engineer  
Bureau of Clean Water  
Pennsylvania Department of Environmental  
Protection  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

Re: Wetland B71 (Briar Rd) Temporary Discharge Approval – Request for Modification  
Project Name: PA Pipeline Project/ Mariner East 2  
West Whiteland Township and Chester County

Dear Ms. Hawley,

Sunoco Pipeline LP (“SPLP”) is requesting a modification to the May 6, 2021 Wetland B71 (Briar Rd.) Temporary Discharge located in West Whiteland Township, Chester County (the “Wetland Bore”). In accordance with the approved permit, SPLP is required to notify the Department of Environmental Protection (DEP) Southeast Regional Office’s Permits Section prior to proposing or implementing any changes in the Proposed Project.

As such, SPLP is requesting modifications to the approved permit which include additional pretreatment of the pumped water while actively boring as well as an option to discharge to the sanitary sewer system located in proximity.

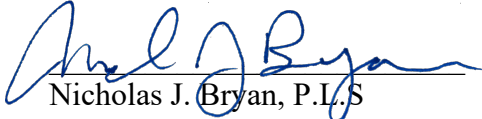
The additional pretreatment of the pumped water while actively boring is proposed to address heavier loading of solids suspended in the raw water as the bore advances and subsurface conditions change. (i.e. transitioning from rock to soil) During active drilling, the pumped raw water will be passed through two over/under weir tanks in parallel to remove heavier solids prior to the introduction of the water treatment chemicals. During times when the bore is inactive, the system will be operated as it is currently permitted. An updated process flow diagram can be found in Attachment A.

The option to discharge to the sanitary sewer system has been further evaluated in coordination with West Whiteland Township and Delaware Area Regional Authority (DARA)

since initial submission of the temporary discharge permit request. This option is proposed to provide an alternate discharge only to be used during existing filtration system downtime/maintenance and as a contingency in order to maintain water levels in the excavation at WB-71. A tee will be installed in the existing piping from the sand filters to allow flows to be directed and discharged to the existing manhole located approximately 100 ft northwest of the dewatering area as shown on the E&S Plan sheet found in Attachment B. A copy of the approved permit acknowledged by West Whiteland Township and DARA can be found in Attachment C.

If you have any questions or need additional information regarding this supplemental response and the enclosed documents, please contact me at (570) 505-3740 or via email at [Nick.Bryan@EnergyTransfer.com](mailto:Nick.Bryan@EnergyTransfer.com).

Thank you,



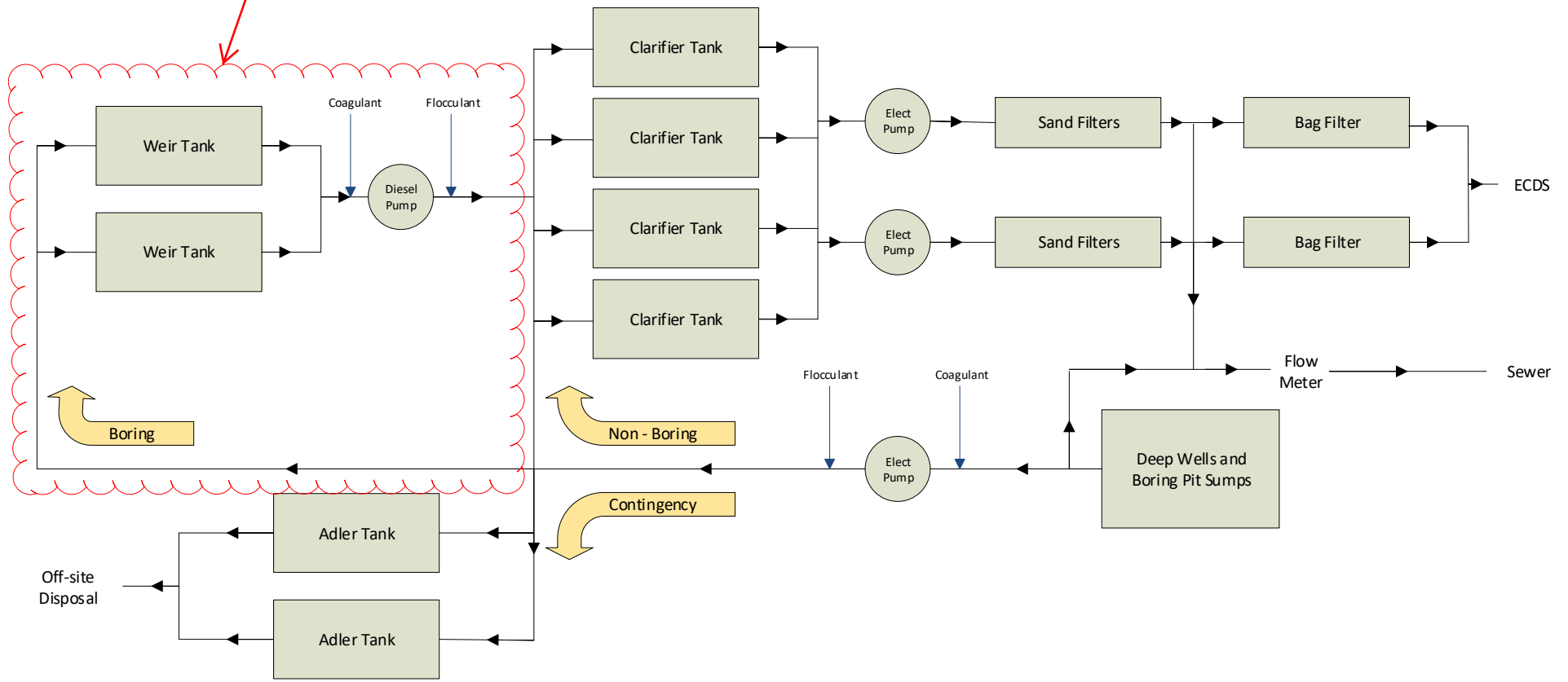
Nicholas J. Bryan, P.L.S.  
Sr. Director – E&C Environmental  
Energy Transfer

#### Attachments

Cc: Patrick Patterson (via email)  
John Hohenstein (via email)  
Robert Bauer (via email)  
Thomas Magge (via email)

## Attachment A - Flow Diagram

6/9/21 Proposed Amendment -  
Additional Pretreatment

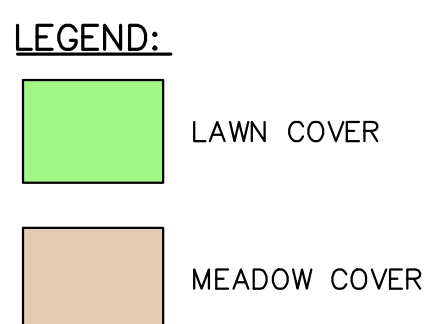


## Attachment B - Site Plan



**REVISION 17 ONLY REDLINED FOR REVIEW PURPOSES**

- NOTES:**
- SEE ES-0.01 & ES-0.02 FOR GENERAL NOTES & LEGEND.
  - SEE ES-0.03 FOR STREAM & WETLAND CROSSING TABLES.
  - EROSION & SEDIMENT CONTROL BMP INSTALLATION TO BE ADJUSTED AS NEEDED TO ACCOMMODATE ACTUAL CONTOURS IDENTIFIED IN FIELD DURING VARIOUS PHASES OF THE PROJECT.
  - AREA IN RED IDENTIFIES CHANGES MADE TO CONVERT LONG HDD (APPROX. 5,000 FT.) TO AN OPEN CUT INSTALLATION WITH A SHORTER HDD (APPROX. 950 FT.) FOR CROSSING OF SR 30 AND STREAM S-B79 AND CONVENTIONAL BORES FOR ROADS AND RESOURCE AREAS WITH PREVIOUS HDD AS IDENTIFIED ON PLAN.



**APPROVALS**

- JOHN HOHENSTEIN OF PADEP APPROVED THE CH 102 AND CH 105 MAJOR MODIFICATION VIA LETTER ON 8/16/18 (SEE REVISION 3)
- JOHN HOHENSTEIN OF PADEP APPROVED THE CH 102 MINOR MODIFICATION VIA LETTER DATED 1/13/20 (SEE REVISION 6)
- JOHN HOHENSTEIN OF SERO PA DEP APPROVED THE MODIFICATION VIA A LETTER DATED 6/29/20 (SEE REVISION 8 & 9)
- JOHN HOHENSTEIN OF SERO PADEP APPROVED THE MODIFICATION VIA LETTER DATED 11/19/20 (SEE REVISION 10 AND 11)
- CHESTER CCD AND DEP 3/1/21 ON SITE APPROVAL OF ADDITIONAL WORKSPACE FOR REPAIR OF EARTH FEATURES (SEE REVISION 12)

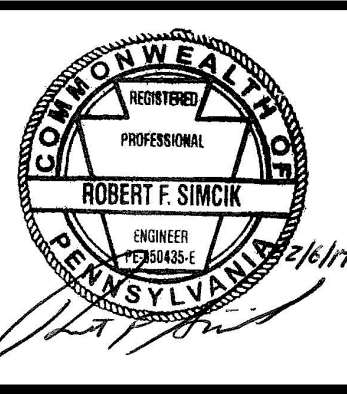
**CONTINUED REVISIONS**

NO.	BY	DATE	REMARKS
8	RS	3/31/20	REVISED INSTALLATION METHOD TO SINGLE CASED BORE
9	RS	3/31/20	LOD FOR POLYETHYLENE TRANSFER PIPE
10	RS	9/14/20	ADDITIONAL LOD FOR ANOMALY INVESTIGATION
11	RS	10/2/20	REVISED ECDs BASED ON COMMENTS RECEIVED
12	RS	3/1/21	ADDITIONAL LOD FOR REPAIR OF EARTH FEATURE
13	RS	3/4/21	REVISED WETLAND B71 PER SURVEY FILE
14	RS	3/19/21	LOCATION OF APPROVED SECOND DEWATERING STRUCTURE ADDED
15	RS	4/29/21	REVISED WETLAND B71 & STREAM SC-B71 PER SURVEY FILE
16	RS	6/4/21	FIELD REVISED LOD. ADDED SURVEYED MANHOLE & EARTH FEATURE
17	RS	6/9/21	ADDED DEWATERING LINE FROM SAND FILTER TO SANITARY SEWER

**TETRA TECH**  
www.tetrattech.com  
661 ANDERSEN DRIVE - FOSTER PLAZA 7  
PITTSBURGH, PA 15220  
T: (412) 921-7090 | F: (412) 921-4040

**REVISIONS**

NO.	BY	DATE	REMARKS
1	RS	3/28/17	INCORPORATED THE SPECIAL CONDITIONS SET FORTH IN DEP'S CHAPTER 102 AND CHAPTER 105 PERMITS
2	RS	5/25/17	DRAWINGS PROVIDED TO FIELD
3	RS	8/18/17	CONVERT HDD TO OPEN CUT
4	RS	9/13/18	CENTERLINE MODIFICATION
5	RS	9/24/18	ADDED TRAVEL LOD LANE ACROSS CULTURAL SITE (REMOVED 1/25/19)
6	RS	1/25/19	CONVERTED BORE TO OPEN CUT. MINOR MOD SUBMITTED 2/8/19
7	RS	5/9/19	LOD MODIFICATION (RETRACTED)



SUNOCO PIPELINE LP  
SINKING SPRING, PENNSYLVANIA  
**PENNSYLVANIA PIPELINE PROJECT  
CONSTRUCTION SPREAD 6**

1-20" & 1-16" WELDED STEEL NATURAL GAS PIPELINES  
CHESTER COUNTY CONSERVATION DISTRICT  
**EROSION & SEDIMENT CONTROL &  
SITE RESTORATION PLAN  
SHEET 47 OF 82**

DATE: 2/6/17  
PROJECT NO.: 112C05958  
DESIGNED BY: JB  
DRAWN BY: BH  
CHECKED BY: RS  
COPYRIGHT TETRA TECH INC.  
**ES-6.47**  
SHEET 6.47 OF 99

## Attachment C - DARA Permit

**DOWNINGTOWN AREA REGIONAL AUTHORITY  
INDUSTRIAL PRETREATMENT PROGRAM  
INDUSTRIAL WASTE DISCHARGE PERMIT**

The Permittee named below is hereby authorized to discharge wastewater into the wastewater collection system of West Whiteland Township from its facility at the site designated below on the terms and conditions set forth herein:

**Permittee:** Sunoco Pipeline, L.P. ("SPLP")  
**Facility Address:** 100 Green Street, Marcus Hook, PA 19061  
**Authorized Contact:** Joe Becker, Energy Transfer

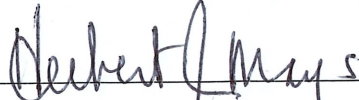
Permittee remains fully responsible to ensure that its discharge follows all applicable statutes, resolutions, rules, and regulations. Neither the Downingtown Area Regional Authority ("DARA") nor West Whiteland Township ("Township") assumes any liability resulting from the Permittee's failure to comply with the said requirements.

By acceptance of this permit, the Permittee agrees to indemnify, reimburse, defend and hold harmless the Township and DARA, its directors, officers, agents and employees (collectively and severally, the "Indemnified Parties") for, from and against all demands, liabilities, damages, costs, claims, suits, actions, legal or administrative proceedings, interest, losses, and expenses, including all reasonable attorney's fees asserted against, imposed on or incurred by any of the Indemnified Parties, directly or indirectly, pursuant to or in connection with the Permittee's discharge of wastewater into the Township sewer system or the Downingtown Regional Water Pollution Control Center ("DRWPCC") and the sewer systems tributary thereto, herein collectively referred to as the "Sewerage System".

Failure to comply with the conditions of this permit or any other pretreatment requirement established by DARA or the Township may result in civil penalties not to exceed \$25,000 per day for each violation in addition to other civil or criminal penalties that may be applicable.

Issued this 1<sup>st</sup> day of June 20 21

Expires on the 30<sup>th</sup> day of September 20 21

By:   
Title: Executive Director  
Downingtown Area Regional Authority

By:   
Title: Manager  
West Whiteland Township



## **PART A - GENERAL CONDITIONS**

This permit is subject to all provisions of the DARA Pretreatment Resolution No. 2007-1 (“Resolution”), as amended from time to time, and all other applicable regulations, resolutions, user charges and fees established by DARA and the Township and is conditioned on the accuracy and completeness of the applications, plans, specifications, and other data submitted by the Permittee to the Township and/or DARA in connection therewith. The Permit is valid for the 1-year period shown on the cover page and will be automatically renewed for subsequent one-year periods, barring its suspension, termination, or revision by the Authority, Township, or the Permittee.

### **1. Variations Among Applicable Requirements**

In the event of any variations or conflicts between or among statutes, resolutions, regulations, or other requirements whether incorporated or referenced herein, the Permittee is required to comply with the most stringent of these requirements.

### **2. Permit Modifications**

In accordance with the Resolution, DARA or the Township may modify the terms and conditions of this Permit during the term of the Permit. The Permit may be suspended or revoked by either DARA or the Township for a failure by the Permittee to submit accurate and complete information with its Permit application or any other report required by this Permit, or for violation of the terms and conditions set forth herein.

Any Permittee notified by DARA of the suspension or revocation of its Industrial Waste Discharge Permit should immediately cease the discharge of all non-domestic wastewater into the Sewerage System.

### **3. Right of Entry**

The Permittee shall allow DARA and/or Township personnel (or their duly authorized representatives) bearing proper credentials and identification, at any reasonable time without prior notice:

- a) to enter all properties for the purpose of inspection, observation, measurement, sampling, and testing to determine compliance with the provisions of this permit.
- b) to examine and copy all records required to be maintained by the Permittee for the purpose of determining compliance with Pretreatment Standards and Regulations.

#### **4. Non-compliance with the Permit**

The Permittee shall take all steps necessary to minimize any adverse impact to the Sewerage System resulting from noncompliance with any requirement or effluent standard specified in this permit, including such accelerated or additional monitoring as may be necessary to determine the nature and impact of the non-complying discharge. The Permittee shall provide verbal notification to the DARA Executive Director (610-269-4084) and the West Whiteland Township Public Works Director (610-363-9525) of all intentional or unintentional slug discharges or spills that may enter the Sewerage System, or any other significant changes in wastewater characteristics and constituents within 24 hours of detecting such changes. For purposes of this permit, a slug discharge is defined as any discharge of a regulated or prohibited substance of a non-routine, episodic nature, including but not limited to an accidental spill or non-customary batch discharge.

A follow-up written notification that delineates circumstances and remedies to the adverse impact must also be submitted to DARA and the Township within five (5) calendar days of the incident. At a minimum, this notice shall contain the following information:

- a) Cause of noncompliance.
- b) Actual or anticipated time the condition has been or will be corrected, and the duration of the noncompliance.
- c) Steps taken or planned by the Permittee to reduce and eliminate the non-complying discharge.
- d) Steps to be taken by the Permittee to prevent recurrence of the conditions of noncompliance.
- e) An estimate of the Permittee's flow rate at the time of the non-compliance and the total loading of the pollutants discharged during the non-compliance.

The Permittee, after becoming aware of the non-compliance, shall immediately re-sample its wastewater discharge with respect to the pollutants causing the non-compliance, and submit the results of the laboratory analyses within 30 calendar days of the date it became aware of the original non-compliance.

#### **5. Facilities Operation**

The Permittee shall always maintain in good working order and operate as effectively as possible, all treatment or control facilities or systems installed or used by the Permittee to achieve compliance with the terms and conditions of this permit. Detailed plans showing the pretreatment facilities and operating procedures to be used by the Permittee shall be submitted to the Township and DARA before construction of said facilities. In no event shall the review of such plans and operating procedures relieve the Permittee of its responsibility for the efficiency of its pretreatment units, and the quantity or quality of its effluent.

## **6. Removed Substances**

The generation, storage, and disposal of any sludge and/or spent chemicals shall be carried out in accordance with any applicable requirements of the Resource Conservation and Recovery Act ("RCRA") or regulations promulgated thereunder. Solids, sludge, filter backwash, or other pollutants removed during treatment or control of Wastewater shall be disposed of in a manner such as to prevent any pollutants and such materials from entering the Sewerage System.

In accordance with the General Pretreatment Regulations 40 CFR Part 403, the Permittee shall provide a one-time notification to the Township, DARA, the EPA Region III Waste Management Division Director, and the State hazardous waste authorities of any discharges into the sewer system, which if disposed of in any other manner, would be considered a hazardous waste under 40 CFR Part 261. Such notice must include the name of the hazardous waste as set forth in 40 CFR Part 261, the EPA hazardous waste number, and the type of discharge (batch, continuous, or other), and a certification that the Permittee has a program in place to reduce the volume and toxicity of the hazardous wastes generated to the degree it has determined to be economically practical. If the Permittee discharges more than 100 kilograms of such waste per month into the Sewerage System, the notification shall also include an identification of the hazardous wastes contained in the discharge, an estimation of the mass and concentration of such constituents discharged during the month, and an estimation of the mass of constituents expected to be discharged by the Permittee into the Sewerage System during the following 12-month period.

If the Permittee discharges more than fifteen kilograms of a non-acute hazardous waste (as defined in 40 CFR Part 261) into the Sewerage System during any 1-month period, the Permittee shall provide a one-time notification consistent with the above.

## **7. Recording of Results**

For each measurement or sample taken by the Permittee pursuant to the requirements of this permit, the Permittee shall record and submit to both the Township and DARA, within the time period specified in Appendix A of this permit, the following information:

- a) The exact place, time, and date of sampling.
- b) The dates the analyses were performed.
- c) The person(s) who performed the sampling and analyses.
- d) The analytical techniques.
- e) The results of all required analyses.
- f) Properly completed Chain of Custody Record.

## **8. Record Retention**

The Permittee shall retain and preserve for no less than five (5) years, any records, books, documents, memoranda, reports, correspondence and all summaries thereof, relating to monitoring, sampling, and chemical analyses made by or on behalf of the Permittee in connection with the compliance monitoring of its discharge including compliance records with regard to effluent limits and any Best Management Practices, and affording DARA and the municipality to whose sewer system the Industrial User is connected access thereto. This period of retention shall

be extended during any unresolved litigation regarding the Permittee or DARA or when requested by the Director of the EPA or the Regional Administrator of the EPA, DARA or the Township.

## **9. Property Rights**

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

## **10. Confidential Information**

Except for data considered confidential under the West Whiteland Township Sewer Use Ordinance or Section 3.15 of the DARA Pretreatment Resolution, all reports required by this permit shall be available for public inspection at the Downingtown Area Regional Authority office, 347 N. Pottstown Pike, Exton, PA 19341.

## **11. Dilution**

No Permittee shall increase the use of potable or process water or, in any way, attempt to dilute a discharge as a partial or complete substitute for adequate treatment of its wastewater necessary to achieve compliance with the limitations contained in this permit.

## **12. Falsifying Information or Tampering with Monitoring Equipment**

No Permittee shall knowingly make a false statement on any report or other document required by this permit or knowingly render any monitoring device or method inaccurate. Such actions shall be a violation of this Permit and may result in enforcement actions by the Township and/or DARA, and the person rendering the device or method inaccurate will be subject to penalties of up to \$25,000 per day per violation in addition to other civil or criminal penalties that may be applicable.

## **13. Changes in Operation of the Permittee**

Any proposed changes in facilities, process, or flow which significantly changes the volume or quality of the wastewater discharge must be reported to DARA and the Township at least ninety 24 hours prior to the change. If required by DARA or the Township, the Industrial Discharger shall apply for a new Industrial Waste Discharge Permit that reflects the proposed changes. In addition, where an Industrial User plans or becomes aware of a change in its method of operation that may affect its potential to create a slug load to the public sewer system the User shall notify DARA and the municipality to whose sewer system the User is connected of the change so that DARA may reevaluate the need for a Slug Control Plan from the User.

## **14. Transfer of Permit**

This permit is not transferable except to a successor of the Permittee, who assumes all the obligation of the Permittee hereunder in a written document in form and substance acceptable to and delivered to the Township and DARA, which document shall include a copy of this permit, and only upon the written approval of the municipality and DARA. No such transfer or assumption shall relieve the Permittee of liability for violation of this permit.

## **15. Fees and Expenses**

The Permittee shall reimburse the Township and/or DARA, within thirty days of invoice, for any reasonable and necessary expenses (including attorney and engineering fees) incurred by the Township or DARA in implementing or enforcing the terms and conditions of this permit. For purposes of this section, these fees will include, without limitation, litigation, administrative actions, investigations to determine compliance, and any other actions caused by the Permittee's failure to comply with any term or condition of this permit.

In addition to any reasonable and necessary charges incurred in monitoring and enforcing the permit, the Permittee shall also reimburse the Township, within thirty days of invoice, for an annual Permit Fee as defined in DARA Resolution No. 2005-2 as amended from time to time.

## **16. Conditional Acceptance**

This Permit is being issued for a special temporary discharge and may be revoked at any time by the Authority and/or Township in the event the acceptance of the wastewater causes any operational, administrative, or regulatory problems for the Authority and/or Township.

## PART B - SPECIFIC CONDITIONS

1. The Permittee shall not contribute or cause to be contributed, directly or indirectly, any pollutant or wastewater that will interfere with the operation or performance of the Sewerage System. This prohibition applies, whether the Permittee is subject to National Categorical Pretreatment standards or any other national, state, or local pretreatment standards or requirements.

The Permittee shall not discharge or cause to be discharged to the Sewerage System any Sewage, Industrial Wastewater, or other matter or substance:

- a) Having a temperature which will inhibit biological activity at the DRWPCC resulting in Interference, but in no case with a temperature at the introduction into the Sewerage System which exceeds 120 degrees F or is less than 40 degrees F, and in no case heat in such quantities that the temperature of the influent to the DRWPCC exceeds 104 degrees F.
- b) Containing petroleum oils, non-biodegradable cutting oils, or other products of mineral oil origin, animal fats, oil, wax, or grease, or other similar substances, (collectively called "oil and grease") in amounts that will cause Pass Through or Interference.
- c) Containing any liquids, solids, or gases at concentrations that are, or may be enough, either alone or by interaction with other substances, to cause fire or explosion or be injurious in any other way to the Sewerage System or to the operation of the DRWPCC. Prohibited materials include, but are not limited to, gasoline, fuel oil, kerosene, naphtha, paint products, sulfides, and any substance having a closed cup flashpoint of less than one hundred- and 140-degrees F using the test methods specified in 40 CFR 261.21.
- d) Containing solid or viscous substances at concentrations which will cause obstruction to the flow in a sewer or other Interference such as, but not limited to: ashes, cinders, spent lime, stone dust, sand, mud, straw, shavings, metals, glass, rags, grass clippings, feathers, tar, plastics, wood, whole blood, paunch manure, bentonite, lye, building materials, rubber, asphalt residues, hairs, bones, leather, porcelain, china, ceramic wastes, polishing wastes, or glass grindings.
- e) Having a pH, stabilized, lower than 5.0 or higher than 9.0 or having any other corrosive or scale forming property capable of causing damage or hazard to structures, equipment, bacterial action or personnel of the Sewerage System.
- f) Containing pollutants in enough quantity, either singly or by interaction with other pollutants, to injure, cause a Pass Through or Interference in the Sewerage System, constitute a hazard to humans, animals or plants, create a toxic effect in the receiving waters of the DRWPCC, or to exceed any limitation set forth in a National Categorical Pretreatment Standard.

- g) Containing any noxious or malodorous liquids, gases, or solids which, either singly or by interaction with other wastes are enough to create a public nuisance or result in toxic gases, vapors, or fumes in the Sewerage System in a quantity that will cause worker health and safety problems.
  - h) Containing objectionable color not removed in the treatment process, such as, but not limited to, dye wastes and vegetable tanning solutions.
  - i) Containing radioactive substances of such half-life or concentration as may exceed limits that are prohibited by applicable State or Federal regulations.
  - j) Prohibited by any permit, statute, rule, regulation, and ordinance issued or promulgated by any public agency, including the State and the EPA.
  - k) Containing any substance that will cause the DRWPCC to violate its NPDES Permit or the receiving water quality standards.
  - l) Containing any substance which shall cause the DRWPCC to be in non-compliance with sludge use or disposal criteria, guidelines or regulations developed under Section 405 of the Act or be in noncompliance with any criteria, guidelines, or regulations affecting sludge use or disposal promulgated pursuant to the Solid Waste Control Act, or State Clean Air Act, the Toxic Substances Control Act, or State criteria applicable to the sludge management method being used.
  - m) Containing non-biodegradable complex carbon compounds.
  - n) Constituting a Slug Load as defined in paragraph 1 of Part A.4 of this Permit.
  - o) Containing storm water from pavements, areaways, roofs, foundation drains or other sources.
  - p) Containing any Garbage with particles greater than one-half (1/2) inch in size.
  - q) Containing pesticides, unless upon written request and special permission is obtained from DARA.
2. The Permittee shall also not contribute or cause to be contributed, directly or indirectly, wastewater containing pollutant levels more than the maximum discharge limitations shown in Appendix B.

The Appendix B standards may be revised with written notice given to each Permittee prior to the effective date of the changes. In the event such revisions result in the need for major revisions in pretreatment by the Permittee and the Permittee's failure to comply with an amendment to Appendix B does not itself or with other failures to comply put DARA in substantial danger of violating any agreement, permit, regulation, or law, then the Permittee shall be allowed a reasonable extension of time to comply with the changes provided that the Permittee requests such an extension and submits to DARA and the Township an implementation schedule acceptable to DARA within 30 days after such notification.



## PART C - SAMPLING AND REPORTING CONDITIONS

If necessary, for the accurate sampling of the Permittee's discharge, a manhole acceptable to the Township and DARA shall be installed to facilitate observation, sampling, and measuring of the Permittee's discharge. The manhole shall be installed and maintained in a safe condition at the expense of the Permittee and shall be accessible at all reasonable times to Township or DARA personnel. The Permittee shall allow and facilitate the entry upon its property by representatives of the Township and DARA, and the use of its manhole for observation, sampling, and measuring of its wastewater discharge at any reasonable time.

Your attention is directed toward, but not limited to, the following:

1. Sampling point - For the duration of this permit approval, all influent samples shall be taken from a pre-treatment sampling port that is shown on the attached schematic as provided by the Permittee.
2. Sampling Requirements - For the duration of this permit, the following applies:
  - a) The Permittee shall sample its discharge and have an approved laboratory (of the Permittee's choice as approved by the Township and DARA) analyze the wastewater for the parameters specified in Appendix A. Such sampling shall be representative of the Permittee's discharge during the reporting period. The Permittee may choose to sample more frequently than required by the Sampling Schedule. However, these results will be used by DARA to determine an average effluent result for comparison to the DARA local limits only if prior approval is obtained from the DARA Executive Director, and that all results are submitted in accordance with this permit. For purposes of determining compliance with the Appendix A average monthly discharge limitations, all results obtained during a reporting month will be averaged and compared to the average monthly limitation listed.

In calculating any applicable extra-strength wastewater surcharges, all results obtained during a monitoring quarter will be averaged and used in the surcharge fee calculations for that quarter, including those obtained by the Authority. All individual samples must still comply with the maximum loading requirements given in Appendix A.

- b) Within 10 calendar days after the end of each calendar quarter, the Permittee shall submit to both the Township and DARA a copy of the laboratory results for any sampling required by this permit along with a completed discharge monitoring report in a form as provided by the DARA Executive Director. The discharge monitoring report form shall include the date, time, and specific location where each sample was taken, along with the name of the person taking the samples; a copy of the original laboratory results of the analysis of these samples which also indicates the date and time the sample was taken, the names of the persons performing each test, and the analytical methods used; an estimate of the Permittee's average and maximum daily wastewater discharge volume into the Sewerage System; and a certification, signed by an authorized representative of the Permittee, that the information provided, based on the

representative's knowledge and belief, is true and correct.

The certification statement specified above shall read:

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 solely 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.

- c) In the event the results of any samples taken by the Permittee exceed an average monthly discharge limitation, the Permittee is required to notify the West Whiteland Township Public Works Director and the DARA Executive Director immediately after becoming aware of the violation(s). The Permittee is then required to resample its effluent (at its own expense) with respect to the parameter in violation and submit the results of this sampling to both the Township and DARA within thirty days of becoming aware of the initial violation. The resample results shall be sent to the Township and DARA along with the information specified in Section A.4 of this Permit.
  - d) Both the Township and DARA reserve the right to revise this Permit to specify that DARA will collect the samples required by Appendix A, at the cost of the Permittee.
  - e) All sample collection, preservation, and analytical techniques used by the Permittee and its contracted laboratory or engineer must comply with the techniques of 40 CFR Part 136 or as approved by EPA and DARA.
3. Reporting Requirements - The Permittee shall provide compliance, discharge, and other technical reports according to the schedule and conditions given in Appendix A.

## APPENDIX A

This Appendix contains the reporting dates, maximum discharge limitations, sample types, and recommended EPA-approved laboratory methodology for all sampling required by this permit, as taken from the West Whiteland Township Sewer Use Ordinance and the Downingtown Area Regional Authority Pretreatment Resolution No. 2007-1, as amended from time to time:

### Reporting Requirements

Report Due	Requirements	Submittal Dates
Weekly self-monitoring Report	Table 1, list 1 parameters	Within 10 calendar days after sample collection, provided no violation is detected (see Part C.2.d.)
Quarterly self-monitoring Report	Table 1, list 2 parameters	Within 10 calendar days after sample collection, provided no violation is detected (see Part C.2.d.). <b>Only required if discharge exceeds 90 days.</b>
Spill notification report	Verbal	Contact DARA Executive Director at 610-269-4084 and West Whiteland Township Public Works Director at 610-363-9525 as soon as incident is discovered.
Spill notification report	Written	To be submitted to the DARA Executive Director and Township within five (5) calendar days of the incident.

**Table 1  
Sampling Requirements and Average Monthly Discharge Limitations**

<b>Parameter</b>	<b>Avg. Monthly Discharge Limit (mg/l)</b>	<b>Sample Type</b>	<b>EPA-approved Test Method Number(s)</b>
<b>List 1 - Required Weekly Sampling Parameters</b>			
Flow	500,000 gpd	Metered <sup>1</sup>	N/A
Biochemical Oxygen Demand (BOD <sub>5</sub> )	300 <sup>2</sup>	Grab <sup>3</sup>	405.1
Chemical Oxygen Demand (COD)	600 <sup>2</sup>	Grab	410.1, 410.2, 410.3, 410.4
Total Suspended Solids (TSS)	320 <sup>2</sup>	Grab	160.2
Total Kjeldahl Nitrogen (TKN)	45 <sup>2</sup>	Grab	351.1, 351.2, 351.3, 351.4
Total Phosphorus (P)	10 <sup>2</sup>	Grab	365.1, 365.2, 365.3, 365.4
pH	Between 5 and 9 S.U.	Grab	150.1
<b>List 2 - Required Monthly Sampling Parameters</b>			
EPA Priority Pollutant List	Monitor Only	Grab	Per EPA Methods

**Footnotes:**

1. The Permittee shall also submit to the Township and DARA in its weekly monitoring report, both the average flow during the monitoring period and a record of all daily flows which have exceed the maximum discharge flow listed in the Permit during the reporting period.

The Permittee shall install, at its own expense, a wastewater flow meter to continuously measure the quantity of wastewater discharged from its facility. Prior to installation of the meter, plans and specifications of the complete metering facility shall be submitted to both the Township and DARA for review and approval. Such a meter must be calibrated in accordance with the frequency and manner described in the meter manufacturer's instructions, but in no case, at a frequency less than quarterly.

2. Discharges exceeding the Biochemical Oxygen Demand, Total Suspended Solids, Total Kjeldahl Nitrogen and Total Phosphorus limitations shown in Table 1 will be subject to a surcharge as defined by the "Extra-strength wastewater" surcharge formula contained in DARA Resolution No. 2005-3, as amended from time to time. The surcharge will be calculated by taking the average of all available sampling results for a given quarter and inserting this result into that formula.

3. Grab sample is defined as the collection of four individual samples over a 24-hour period, each sample collected in less than 15 minutes. The grab samples shall then be either field or laboratory composited into one sample and analyzed using EPA-approved methodology, except for pH, which should be field collected and reported on the chain of custody form.
4. At no time may the wastewater discharged by the Permittee exceed any of the limitations listed in Appendix B of this permit. This provision applies regardless of whether the Permittee is required to sample for any of the Appendix B parameters as indicated in Table 1.

**APPENDIX B**

**LOCAL DISCHARGE LIMITS  
OF THE DOWNINGTOWN AREA REGIONAL AUTHORITY**

<b>Pollutant</b>	<b>End of Pipe Limit (mg/l)</b>
Cadmium	0.14
Chromium	1.32
Copper	2.55
Lead	0.14
Mercury	0.002
Nickel	1.83
Silver	0.05
Zinc	2.18
Phenolics	0.12