



Lancaster Area Sewer Authority
130 Centerville Rd.
Lancaster, PA 17603-4007

Tel. 717-299-4843
Fax: 717-299-9658
Website: www.lasa.org

September 6, 2022

Lancaster County Solid Waste Management Authority
Attention: Daniel Brown
1299 Harrisburg Pike
Lancaster, PA 17603

Certified Mail
Return Receipt

Reference: Lancaster County Solid Waste Management Authority – LASA Discharge Permit #377

Dear Mr. Daniel Brown,

Enclosed please find the LASA Industrial Wastewater Discharge Permit for your facility located at 3049 River Road, Conestoga, PA.

Your Permit has an effective date of 3/27/2021 and expires on 3/26/2026. As stated in the Permit, you are required to apply for renewal not less than 180 days prior to the expiration date.

Also enclosed for your use is the Self-Monitoring Report (SMR) template. This template can be completed and submitted to satisfy the quarterly report submissions required by your permit.

Any person aggrieved by this action may appeal, pursuant to §60-16.I. of LASA's Rules and Regulations, to LASA, Attention: Pretreatment Staff, 130 Centerville Road, Lancaster, PA 17603. Appeals must be filed with LASA within 30 days of the date of public notice of Permit issuance.

If you have any questions regarding your Permit, please contact me by phone at 717-344-5829 or by email at syando@lasa.org.

Sincerely,

A handwritten signature in black ink, appearing to read "Sarah Yando".

Sarah Yando
Laboratory Manager

Enclosure: LASA Industrial Wastewater Discharge Permit
LASA Self-Monitoring Report (SMR)
LASA 2022 Updated Local Limits

Cc: Authority file





**Lancaster Area Sewer Authority
Industrial Wastewater Discharge Permit**

L.C.S.W.M.A. - Frey Farm Landfill Discharge Permit

Permit Number: 377

Effective Date: March 27, 2021

Amendment #1 Date: September 1, 2022

Expiration Date: March 26, 2026

Application for Renewal is Due on or before: September 27, 2025

Permittee Information	
Facility Name	Lancaster County Solid Waste Management Authority- Frey Farm Landfill
Facility Address	3049 River Road Conestoga, PA 17516
Phone Number	717-397-9968
Mailing Address (if different than above)	1299 Harrisburg Pike P.O. Box 4425 Lancaster, PA 17604
Name of Principal Executive Officer or Authorized Representative	Daniel A. Brown, Environmental Compliance Manager
Industrial Classification: (Significant Industrial User, Significant Categorical Industrial User, Other)	Significant Industrial User

1.0 Conditions

1.1 Issuance of this Permit is subject to the following conditions:

1.1.1 The industrial waste discharge shall be in accordance with the Discharge Permit Application, its supporting documentation, and amendments. Such Application, its supporting documentation and amendments are hereby made a part of this Permit. Should any information in the Permit Application become inaccurate as a result of changes in production or other changes, the Permittee shall notify the Authority of such changes at least sixty (60) days in advance if possible.

1.1.2 Discharge of industrial waste is a privilege conferred by this Permit. If the Permittee cannot comply with the terms and conditions of this Permit it must cease the discharge until such time as it can comply.

2.0 Approval

Date Approved	09/01/2022
Signature of Approver	
Name and Title of Approver	Sarah Yando – Laboratory Manager

Revision History

Page Number	Section Title	Description Of Revision
N/A	N/A	Reorganization of sections for clarity. Minor editorial changes,
1	Cover Page	Inserted amendment date. Inserted Application for Renewal Date.
3	Wastewater Discharge Limitations & Monitoring Requirements	Inserted Amendment date. Inserted new LASA Local Limits (Daily Maximum)

Special Conditions

1.0 Wastewater Discharge Limitations & Monitoring Requirements

- 1.1 The Permittee is authorized to discharge during the period:
 - 1.1.1 Effective Date: **March 27, 2021**
 - 1.1.2 Amendment #1 Date: **September 1, 2022**
 - 1.1.3 Expiration Date: **March 26, 2026**
- 1.2 The effluent volume discharged shall be specified in the current Leachate/Biosolids Management Agreement between LCSWMA and LASA.
- 1.3 All samples shall be collected, preserved, and analyzed in accordance with the procedures established in 40 CFR, Part 136 and Amendments.
- 1.4 Monitoring Requirements (Outfall 01):

Discharge Parameter	LASA Local Limit (Daily Maximum)	Sample Type	Permittee Monitoring Frequency
Ammonia	Monitor	Composite	Quarterly
Biochemical Oxygen Demand (BOD)	Monitor	Composite	Quarterly
Cadmium	0.03 mg/L	Composite	Quarterly
Chromium	1.0 mg/L	Composite	Quarterly
Copper	0.9 mg/L	Composite	Quarterly
Cyanide, Total	0.4 mg/L	Grab	Quarterly
Lead	0.3 mg/L	Composite	Quarterly
Mercury	0.01 mg/L	Composite	Quarterly
Nickel	0.7 mg/L	Composite	Quarterly
Nitrogen, Total	Monitor	Composite	Quarterly
Oil and Grease, Total	100 mg/L	Grab	Quarterly
pH	Minimum 5.5 S.U. / Maximum 10.5 S.U.	Grab	Quarterly
Phosphorus, Total	Monitor	Composite	Quarterly
Silver	0.1 mg/L	Composite	Quarterly
Suspended Solids, Total (TSS)	Monitor	Composite	Quarterly
Temperature	Minimum 0 °C / Maximum 59 °C	Grab	Quarterly
Zinc	1.4 mg/L	Composite	Quarterly

Composite samples shall be non-proportional equal-time composite samples taken over the duration of the industrial waste batch discharge.

1.4.1 Monitoring Requirement Notes

- 1.4.1.1 Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: FFLEINFS sampling location, southeast of LASA Pump Station VEPS3 and INASHCO Pump Station.
- 1.4.1.2 The following sampling schedule shall be enforced for all discharge parameters with a permittee monitoring frequency of 2 times / year: at least 1 sampling event shall be conducted the first half of each

year (January 1st – June 30th), and at least 1 sampling event shall be conducted the second half of each year (July 1st – December 31st).

Standard Conditions

1.0 Definitions

- 1.1 Certain terms used in this Permit are defined in the Lancaster Area Sewer Authority's (LASA) Rules and Regulations – Chapter 40 – Definitions.

2.0 Authority & Penalties

- 2.1 The Lancaster Area Sewer Authority is organized and is existing according to the Municipality Authorities Act of 1945, as amended and supplemented (53 Pa.C.S. Chapter 56). The Authorities Act empowers municipality authorities to regulate the use of their property and adopt rules and regulations to protect the sewer system, recover costs, and establish standards for users of the sewer system. LASA has adopted such rules, which appear as Chapter 60—Industrial Waste, of the LASA Rules and Regulations.
- 2.2 Any Industrial User who violates conditions of this Permit, the Authority's Rules and Regulations – Chapter 60 – Industrial Waste, or any applicable State (NPDES) or Federal (40 CFR Parts 403, 405 through 472) Regulations, is subject to having its Permit revoked and is subject to enforcement proceedings, including civil and criminal penalties, in accordance with the procedures of the Lancaster Area Sewer Authority's Rules and Regulations and applicable state law.
- 2.3 LASA has the power to assess civil penalties not to exceed the amount of \$25,000.00 a day for each violation by Industrial Users of the LASA sewer system under the Publicly Owned Treatment Works Penalty Law, 35 P.S. § 752.1 et seq.
- 2.4 In addition to the above, LASA may implement a variety of enforcement actions in response to violations of this Permit and the Rules and Regulations.

3.0 Compliance Schedule

- 3.1 Existing Dischargers: As an existing discharger, the Applicant shall be in compliance with the conditions of this Permit immediately.
- 3.2 New Dischargers: New Permittees must be in compliance with the conditions of this Permit before commencing a discharge to the sewer system.
- 3.3 Notwithstanding the above, this Permit may contain a compliance schedule and interim limits in the Special Conditions Section.

4.0 Notification To Authority

4.1 Reports of Accidental Discharges, Slugs, and Spills

- 4.1.1 In the case of any unusual discharge, including but not limited to accidental discharges, discharges of nonroutine, episodic nature, a noncustomary batch discharge, or a slug load, the Permittee shall immediately telephone and notify the Authority of the incident. This notification shall include the location of the discharge, type of waste, concentration and volume, if known, and corrective actions taken by the user.

- 4.1.2 Notification contact information. The following contact information shall be prominently displayed in the operations area and any area where a spill, slug, or other non-routine discharge might occur:

Name: Sarah Yando, Laboratory Manager, LASA

Telephone number: 717-344-5829

4.2 Written Notice of Accidental Discharge

- 4.2.1 Within five days following an accidental or slug discharge, the permittee shall submit to the Authority a detailed written report describing the cause of the accidental or slug discharge and the measures to be taken by the user to prevent similar future occurrences.

4.3 Reports of Changed Conditions

- 4.3.1 The Permittee must notify the Authority of any planned significant changes to the Permittee's operations or system, which might alter the pollutants present, the concentrations of pollutants or the flow rate or volume of its wastewater as disclosed in the Permit Application, or affect the potential for slug discharge at least sixty (60) days before the change is implemented.

4.4 Notice of Violation/Repeat Sampling and Reporting

- 4.4.1 If sampling performed by the Permittee indicates the discharge to the sewer system is not in compliance with the conditions of this Permit, the Permittee is required to notify the Authority within 24 hours of becoming aware of noncompliance. Unless otherwise notified by the Authority, the Permittee shall collect and analyze another representative sample for the parameters that were in violation and submit the sample report to the Authority within thirty (30) days of becoming aware of the noncompliance. Failure to report such incidents will result in penalties in accordance with the Authority's Rules and Regulations – Chapter 60 – Industrial Waste.
- 4.4.2 The Permittee shall review laboratory or other monitoring reports within five (5) business days of receipt. Failure to timely review reports is not an excuse for failure to report violations.
- 4.4.3 When sampling performed by the Permittee indicates a violation of this Permit, the Permittee shall take steps to identify the cause, develop a solution, and establish a schedule for any necessary remedial action. This information shall be provided to the Authority upon request.

5.0 Periodic Reporting

- 5.1 The Permittee shall submit to the Authority on or before the thirtieth (30th) day of January, April, July, and October, an Industrial Waste Contribution and Monitoring Report of the previous quarter. The report shall include:
- 5.1.1 A summary page listing all completed analysis results for that quarter indicating the nature and concentration of pollutants in the wastewater discharge that are required to be monitored by this Permit.

- 5.1.2 If this permit imposes production-based limits or mass limits, the report shall include data sufficient to determine compliance with such limits.
- 5.1.3 If this Permit includes Best Management Practice requirements, a report on compliance with BMPs.
- 5.1.4 A statement of compliance or non-compliance with the discharge limitations in this Permit.
 - 5.1.4.1 If remedial actions need to be implemented to meet discharge limitations or other conditions in this Permit or the Rules and Regulations, a plan and schedule for such actions.
- 5.1.5 A record of measured / calculated daily flows in gallons per day of the wastewater discharge for the reporting period, as an average daily flow for the quarter and the maximum daily flow that occurred during the quarter.
- 5.2 The wastewater analysis used for reporting purposes shall be performed by a Qualified Laboratory. Upon specific approval by the Authority, the Permittee may be allowed to perform its own analyses, provided that:
 - 5.2.1 The Permittee analyzes one single blind, single concentration Proficiency Test (PT) study for each parameter monitored in-house. Proficiency Tests must be purchased directly from providers approved by the Pennsylvania Department of Environmental Protection. The results of the Proficiency Test must be provided to the Authority on an annual basis.
- 5.3 The Permittee shall provide LASA with results from Form 50 – Municipal Waste Landfill Leachate Analyses. Results from Form 50 sampling shall be submitted on a quarterly basis within the "Industrial Waste Contribution and Monitoring Report."

6.0 Discharge Monitoring Facilities

- 6.1 The Permittee shall provide at its expense and located within its property, unless otherwise authorized by the Authority, a control manhole together with such meters and other equipment as deemed necessary by the Authority to facilitate observation, sampling and measurement of the wastewater discharge. Specific monitoring and analysis programs shall be as required by the Special Conditions of this Permit. Access to the facility shall be provided to the Authority immediately upon request.
- 6.2 All measurements, tests, and analyses shall be performed in accordance with 40 CFR Part 136.
- 6.3 Unless otherwise specified in the Special Conditions, a 24-hour flow proportioned composite sample shall be considered adequate for the purposes of this Permit.

7.0 Accidental or Slug Discharge

- 7.1 The Permittee shall implement and maintain a Slug/Spill Control Plan that, at a minimum, includes the following:
 - 7.1.1 Description of discharge practices, including non-routine batch discharges.

- 7.1.2 Description of stored chemicals, including secondary containment facilities, location of drains which discharge to sewers, and other relevant information.
- 7.1.3 Procedures for immediately notifying the Authority as provided in Section 4.0 of this Permit.
- 7.1.4 Procedures to prevent adverse impact from accidental spills, including inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site run-off, worker training, building of containment structures or equipment, measures for containing toxic organic pollutants (including solvents), and/or measures and equipment for emergency response.
- 7.1.5 The Slug/Spill Control Plan shall be in writing and a copy provided to the Authority upon request.
- 7.1.6 The Permittee shall annually review the Slug/Spill Control Plan and keep records demonstrating that this review took place. When changes to the Plan are identified, the Permittee shall notify the Authority of such changes prior to them being made.

8.0 LASA Rules & Regulations – Chapter 60 – Industrial Waste

- 8.1 The Lancaster Area Sewer Authority's Rules and Regulations – Chapter 60 – Industrial Waste will be strictly enforced by the Authority. Failure to include all requirements of the Rules and Regulations in this Permit shall not excuse a violation of the Rules and Regulations.

9.0 Prohibited Discharge Standards

- 9.1 The Industrial User shall comply with all the general prohibited discharge standards in the Authority's Rules and Regulations – Chapter 60 – Industrial Waste.

10.0 Rates and Surcharges

- 10.1 The Permittee shall be charged in accordance with the Lancaster Area Sewer Authority's Rules and Regulations – Chapter 30 – Charges, Rates and Fees. When appropriate, surcharges will be assessed as provided in Chapter 60, Article VIII.

11.0 Right of Entry

- 11.1 The Industrial User shall, after reasonable notification by the Authority, allow the Authority or its representatives, exhibiting proper credentials and identification, to enter upon the premises of the User, at all reasonable hours, for the purposes of inspection, sampling, and/or records inspection. Reasonable hours in the context of inspection and sampling includes any time the Industrial User is operating any process which results in a process wastewater discharge to the Authority's sewer system. Refusal of entry shall be a violation of this Permit and subject to enforcement action by the Authority.

12.0 Records & Recording

- 12.1 **Records Retention**

- 12.1.1 The Industrial User shall retain and preserve for the duration of this Permit, and no less than three (3) years, all records, books, documents, memoranda, reports, correspondence and any and all summaries thereof, relating to pretreatment operations, implementation of Best Management Practices, monitoring, sampling and chemical analyses made by or on behalf of the User in connection with its discharge.

12.2 Recording of Results

- 12.2.1 For each measurement or sample taken pursuant to the requirements of this Permit, the User shall record and/or maintain the following information:
- 12.2.1.1 The exact place, date and time of sampling.
 - 12.2.1.2 The flow rate during sampling.
 - 12.2.1.3 The type of sample (grab or composite) and method of sample preservation.
 - 12.2.1.4 The dates and times the analyses were performed.
 - 12.2.1.5 The laboratory and technician who performed the sampling and analysis.
 - 12.2.1.6 The analytical method(s) used.
 - 12.2.1.7 A copy of the laboratory report and chain of custody form.

13.0 Dilution

- 13.1 No Industrial User shall increase the use of potable or process water or, in anyway, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in this Permit.

14.0 Proper Disposal of Pretreatment Sludges & Spent Chemicals

- 14.1 The disposal of sludges and spent chemicals generated shall be done in accordance with Section 405 of the Clean Water Act and Subtitles C and D of the Resource Conservation and Recovery Act and such state laws as may be applicable.

15.0 Signatory Requirements

- 15.1 All reports required by this Permit shall be signed by an Authorized Representative, as defined in Chapter 40 of the Rules and Regulations.

16.0 Falsifying Information or Tampering with Monitoring Equipment

- 16.1 Knowingly making any false statement on any report or other document required by this Permit or knowingly rendering any monitoring device or method inaccurate may result in commencement of appropriate criminal, or legal or equitable civil action before the Court of Common Pleas of Lancaster County. In addition, such falsification may result in rescission of the privilege to discharge and revocation of this Permit.

17.0 Modification or Revision of the Permit

- 17.1 After advance notice and opportunity for comment, the terms and conditions of this Permit may be subject to modification, suspension, or revocation and reissuance in whole or in part, by the Authority as limitations or requirements as identified in the Authority's Rules and Regulations – Chapter 60 – Industrial Waste, are modified or other just cause exists including, but not limited to, the following:
- 17.1.1 To incorporate new or changed conditions determined to be necessary resulting from monitoring or enforcement activities.
 - 17.1.2 As a result of the United States Environmental Protection Agency (US EPA) promulgating a new federal Pretreatment Standard and/or the revision of Pennsylvania Department of Environmental Protection (PA DEP) and/or LASA, rules, regulations or standards.
 - 17.1.3 For violation of any terms or conditions of this Permit.
 - 17.1.4 Obtaining this Permit by misrepresentation or failure to disclose fully all relevant facts.
 - 17.1.5 A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.
- 17.2 Any Permit modifications that result in new conditions in the Permit shall include a reasonable time schedule for compliance by the Industrial User.

18.0 Expiration & Renewal

- 18.1 This Permit shall be considered to be in effect as of the Effective Date, and shall expire at midnight on **March 26, 2026**. The Permittee is required to apply for reissuance or renewal of this Permit not less than 180 days prior to the Expiration Date.

19.0 Transfer of Permit

- 19.1 This Permit is issued to a specific User, and for a specific operation. The Permit is not transferable to a new Owner, new User, different location, or other operation or process without the specific written permission of the Authority.



Lancaster Area Sewer Authority

Industrial Pretreatment Program Self-Monitoring Report (SMR)

Instructions:

Please complete this form and return it with the required attachments by the due date indicated for the reporting period to LASA, Attn: Pretreatment Staff, 130 Centerville Road, Lancaster, PA 17603. Where appropriate, write or check "N/A" to indicate "not applicable."

IMPORTANT:

Failure to submit these reports by the respective due dates will result in enforcement action, with the associated administrative fees billed to your firm. Failure to submit these reports within 30 days of the due dates will result in the following:

1. The industrial user will be in Significant Noncompliance (SNC).
2. The company name will be published in the Lancaster Newspaper for SNC (as required by 40 CFR 403.8(f)(2)(vii) and 403.08(f)(2)(viii)).

For Activities Occurring (check one and enter the year):

<input type="checkbox"/> 1 st Quarter: Jan, Feb, Mar	<input type="checkbox"/> 2 nd Quarter: Apr, May, Jun	<input type="checkbox"/> 3 rd Quarter: Jul, Aug, Sep	<input type="checkbox"/> 4 th Quarter: Oct, Nov, Dec
YEAR:	YEAR:	YEAR:	YEAR:
DUE APRIL 30	DUE JULY 30	DUE OCTOBER 30	DUE JANUARY 30

1. General Information

Facility Name:	
Facility Owner:	
Discharge Address:	
Facility Phone Number:	
LASA Permit Number:	

2. Description of Operations: Briefly describe the business operations performed at this facility.

SIC Code(s):		NAICS Code(s):	
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Number of Employees:							
Number of Shifts:	<input type="checkbox"/> 1		<input type="checkbox"/> 2		<input type="checkbox"/> 3		
Days of Week:	<input type="checkbox"/> Su	<input type="checkbox"/> M	<input type="checkbox"/> Tu	<input type="checkbox"/> W	<input type="checkbox"/> Th	<input type="checkbox"/> F	<input type="checkbox"/> Sa
Comments:							

Attach current process schematics that indicate various points of discharge to the sewer system. If there have been no changes, reference the most recent date this information was submitted to LASA: _____

3. Description of Pretreatment Technologies: Briefly describe the pretreatment technologies applied before discharging to the LASA collection system.

☐ **N/A-** No pretreatment at this facility.

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4. Planned Changes: Describe any planned facility expansion, production increase, or process modifications that will result in new or substantially increased discharges or a change in the nature of the discharge.

☐ **N/A-** No planned changes.

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5. Flow Measurement: Provide flow data for the facility by completing the table below. Attach daily discharge data where appropriate.

Process	Average Daily Flow (gpd) for the Quarter	Maximum Daily Flow (gpd) for the Quarter

- 6. Measurement of Pollutants:** Attach all analytical reports for the reporting period. If your facility sampled and analyzed more frequently than what is required by your permit, using methodologies in 40 CFR Part 136, you must submit all results of sampling and analysis of the discharge. Complete and submit an Industrial User Self-Monitoring Report Measurement of Pollutants table for each month of the reporting period.

Is sampling and analysis conducted in accordance with 40 CFR 136? YES ☐ NO ☐

- 7. Compliance Review:** After reviewing all applicable standards, including monitoring and reporting requirements, is the facility in full compliance for this reporting period? Yes ☐ No ☐

If "no", what additional measures are necessary to achieve consistent compliance?

- 8. Hazardous Waste:** List all hazardous waste removed from the facility during this reporting period. Attach additional pages as necessary:

☐ **N/A-** No hazardous wastes removed during reporting period for this report.

☐ The following hazardous wastes were removed during the reporting period for this report:

Material Description	Transporter	Destination	Quantity	Units

- 9. Compliance Certification and Signature:** All reports must be signed by an Authorized Representative of the industry in accordance with 40 CFR Part 403.12 (I).

Report 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."

Certified By:

Printed Name of Authorized Representative:	
Title:	
Signature:	
Date:	

[illegible]

LANCASTER AREA SEWER AUTHORITY

RESOLUTION 22-05-001

AMENDING THE AUTHORITY RULES AND REGULATIONS

WHEREAS, Lancaster Area Sewer Authority (the "Authority" or "LASA") maintains and serves the Boroughs of East Petersburg, Mountville, and Columbia, and the Townships of East Hempfield, West Hempfield, Lancaster, Manor and Manheim, Lancaster County, Pennsylvania with its sewer system; and

WHEREAS, the Authority at a meeting duly called and held of July 24, 2008, adopted Resolution 08-07-001 adopting the Consolidated Rules and Regulations as prepared by General Code and presented at the meeting of July 24, 2008 and repealing all Rules and Regulation of the Authority in effect prior to July 24, 2008; and at a meeting duly called and held of October 22, 2015 adopted Resolution 15-10-003 amending the Consolidated Rules and Regulations as prepared by General Code and presented at the meeting of October 22, 2015; and

WHEREAS, the Authority has determined it necessary to amend Chapter 60.

NOW, THEREFORE, BE IT RESOLVED by the Board of Lancaster Area Sewer Authority as follows:

1. Chapter 60 Article III Section 60-3 D (23) shall be deleted and replaced with the following:

Containing concentrations of anions, cations, and other various objectionable substances in excess of the following local limits for wastewater that flows to the Susquehanna Water Pollution Control Facility (SWPCF), measured in representative sample collected at the point of discharge to the Sewer System:

Parameter	Sample Type	Daily Maximum Allowable Concentration (local limit) (mg/L)
Ammonia	Composite	Monitor Only
Biochemical oxygen demand (BOD)	Composite	Monitor Only
Cadmium	Composite	0.03
Chromium	Composite	1.0
Copper	Composite	0.9
Cyanide, Total	Grab	0.4
Lead	Composite	0.3
Mercury	Composite	0.01
Nickel	Composite	0.7
Nitrogen, total	Composite	Monitor Only
Oil and grease, Total (O&G)	Grab	100
pH	Grab	Minimum 5.5 standard units/Maximum 10.5 standard units
Phosphorus, total	Composite	Monitor Only
Silver	Composite	0.1
Suspended solids, total (TSS)	Composite	Monitor Only
Temperature	Grab	Minimum 0 degrees Celsius/Maximum 59 degrees Celsius
Zinc	Composite	1.4

However, derivations from the above schedule may be authorized by the Authority at its sole discretion, upon affirmative showing, by the person requesting the same that such deviation will not be harmful to the Sewer System or the sewage treatment plant or cause the plant effluent to violate its current NPDES discharge limitations. For the purpose of this chapter, an allowable deviation may be granted by the Authority, provided that the corresponding total loading allocated for each objectionable substance does not exceed the maximum allowable industrial loading limit. In no event shall any deviation allow the total loading allocated to all industrial user for any pollutant to exceed the maximum allowable industrial loading set forth in the most recent local limits technical evaluation submitted by the Authority and approved by EPA as part of the Authority's pretreatment program. Deviations granted by the Authority shall be incorporated in the industrial user's discharge permit. In no event shall a deviation allow a discharge to occur that is below the federal pH standard of 5.0 S.U.

LANCASTER AREA SEWER AUTHORITY

By:  _____
(Vice) Chairman

Attest:  _____
(Assistant) Secretary

Adopted: May 26, 2022

What are local limits?

Local limits are site specific pollutant limitations that address the needs and concerns of LASA's Susquehanna Water Pollution Control Facility (SWPCF), its sludge, and its receiving waters. They are required by LASA's SWPCF National Pollutant Discharge Elimination System (NPDES) permit. The goal is to establish pollutant limits that prevent pass through or interference with operations.

How are they calculated?

The SWPCF's treatment capabilities are determined through sampling and analysis throughout the collection system and SWPCF treatment plant over changing seasons. The data collected for this analysis was entered into the required EPA Region 3 Local Limits Spreadsheet to calculate the limits and submitted to EPA for approval. EPA has approved the submission.

How do we enforce them?

We are required to adopt these new Local Limits by August 13, 2022 (within four months of acceptance by EPA). EPA will issue a public notice pursuant to 40 CFR 403.11(b) providing for a period of not less than 30 days during which interested person may submit their written views on the limit modifications. After receipt of copies of both the adopted limits for LASA and after completion of the previously mentioned 30-day public comment period, EPA will provide LASA with a formal approval letter unless significant adverse public comments are received.

A comparison of the current and newly calculated local limits

Pollutant	Current Local Limit (mg/L)	New Local Limits (mg/L)	More or Less Stringent
Cadmium	0.11	0.03	More
Chromium	1.8	1.0	More
Copper	0.9	0.9	No change
Cyanide, Total	0.7	0.4	More
Lead	0.7	0.3	More
Mercury	0.01	0.01	No change
Nickel	1.6	0.7	More
Silver	1.0	0.1	More
Zinc	0.6	1.4	Less
BOD ₅	1,100	Removed	Less
TSS	2,000	Removed	Less
FOG	100	100	No change

Why are so many limits more stringent?

The previous local limits were calculated from data generated in 2008-2010. Much has changed since that time in our service area, treatment process, and health and water quality criteria that EPA looks at in determining the limits.

What are the impacts to our industries?

No new pollutants were added to the local limits listing. Several of the metals parameters are more stringent.

The spreadsheet calculations also determined that Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS) pollutants could be removed from the local limits listing. EPA was in agreement that although BOD and TSS are existing local limits, there have been no indications of pass through, interference or impacts to sludge disposal as a result of BOD and TSS discharges. In addition, LASA implements a waste strength surcharge program which includes BOD and TSS. BOD and TSS will continue to be monitored in influent, effluent, sludge and industrial samples, as appropriate.