

City of Bethlehem
Industrial Pretreatment Program

Industrial Waste Discharge Permit No. 050

In accordance with the provisions of Article 923.04 of the City of Bethlehem's Codified Ordinances, Bethlehem Landfill Company, located at 2335 Applebutter Road with a mailing address of 2335 Applebutter Road, Bethlehem, PA 18015 is issued this permit and hereby authorized to discharge wastewater from the above identified facility through the outfalls described herein into the City of Bethlehem's POTW in accordance with all terms and conditions set forth in this permit, Articles 921, 923, and 927 of the City of Bethlehem's Codified Ordinances, and 40 CFR Subchapter N. This permit is granted in accordance with the application filed on January 18, 2019, and in conformity with plans, specifications, and other data submitted to the City of Bethlehem (City), all of which are filed with and considered a part of this permit.

Compliance with this permit does not relieve the permittee of its obligation to comply with all requirements of Article 923 of the City's Codified Ordinances, any or all applicable pretreatment regulations, standards, or requirements under local, state, or federal laws, including any such regulations, standards, requirements, or laws that may become effective during the duration of this permit. Noncompliance with any term or condition of this permit shall constitute a violation of Article 923 of the City's Codified Ordinances and shall subject the permittee to enforcement and penalty actions as described in the article.

This permit shall become effective on July 1, 2019, and shall expire at midnight on June 30, 2023.

If the permittee wishes to continue to discharge after the expiration date of this permit, a renewal application must be filed with the City 180 days prior to the expiration date of this permit in accordance with the requirements of Article 923.04 (c) and (g) of the City's Codified Ordinances. In the event that a timely and complete renewal application, at the sole discretion of the City, has been submitted and the permit cannot be reissued through no fault of the permittee before the expiration date, the terms and conditions of the existing permit will be automatically continued and will remain fully effective and enforceable pending the granting or denial of the application for permit renewal.

Permit issued by the City of Bethlehem on this 26 day of June 2019.

Edward J. Boscola, PE
Director of Water and Sewer Resources

EXHIBIT
BLC 121

A. Standard Conditions

1. Definitions

Words, terms, and abbreviations used in this permit which are not conventional terminology shall have the meaning ascribed to them in Article 923.01 of the City's Codified Ordinances or EPA's Pretreatment Regulations, except where the context clearly indicates a different meaning. Where a definition is not provided in the ordinance or regulations, definitions from EPA guidance documents shall be used.

2. Property Rights

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

3. Capacity Rights

This permit does not grant collection, conveyance, or treatment capacity rights. Failure to obtain and maintain proper wastewater collection, conveyance, and/or treatment capacity with the appropriate municipal agency may cause this permit to be revoked.

4. Permit Modifications, Suspension, Revocation

This permit may be modified, suspended, or revoked in whole or in part during its term for causes including the following:

- a. To incorporate any new or revised federal, state, or local pretreatment standards or requirements
- b. To address significant alterations or additions to the permittee's operation, processes, or wastewater volume or character since the time of permit issuance
- c. To reflect a change in the POTW that requires either a temporary or permanent reduction or elimination of the authorized discharge
- d. Information indicating that the permitted discharge poses a threat to the City's POTW, City personnel, or the receiving waters
- e. Violation of any terms or conditions of this permit
- f. Misrepresentations or failure to fully disclose all relevant facts in the permit application or in any required reporting
- g. Revision of or a grant of variance from categorical standards pursuant to 40 CFR 403.13

- h. To correct typographical or other errors in the permit
- i. To reflect a transfer of the facility ownership or operation to a new owner or operator
- j. Failure on the part of the permittee to pay any fees and/or surcharges which may become due under Article 923 of the City's Codified Ordinances within sixty (60) calendar days of the date of invoice
- k. Upon request of the permittee, provided that such request does not create a violation of any applicable requirements, standards, laws, or rules and regulations
- l. Any other reason deemed necessary by the City

The filing of a request by the permittee for a permit modification, suspension, or revocation does not stay any permit condition while under consideration by the City. The permittee shall be informed of any permit modifications at least thirty (30) days prior to the effective date of change. Any new conditions in the permit shall include a reasonable time schedule for compliance as determined by the City.

5. Transfer of Ownership or Control

This permit is issued to a specific user for a specific operation. A permit shall not be reassigned, transferred, or sold to a new owner, new user, different premises, or a new or changed operation without prior written approval of the City.

The permittee shall notify the City's Industrial Pretreatment Coordinator of such a change at least ninety (90) days prior to its occurrence and shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the City. The succeeding owner or controller may be required to apply for a new permit.

If the permit transfer is approved by the City, any succeeding owner or user shall also comply with the terms and conditions of the existing permit.

6. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to the POTW resulting from noncompliance with any effluent limitation specified in this permit or from any other discharge which the permittee has reason to believe could adversely impact the POTW, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncompliant discharge.

The permittee shall immediately upon discovery notify City authorities of slug discharges, spills that may enter the POTW or public storm sewer, or any other discharge the permittee has reason to believe could adversely impact the POTW.

The permittee must notify the Industrial Pretreatment Coordinator of any significant changes to the facility's operation or system that alters the nature, quality, or volume of its wastewater at least ninety (90) days before the change occurs. For the purposes of this requirement, significant changes include, but are not limited to, average flow increases of 15% or greater and the discharge of any previously unreported pollutants at levels that may cause pass through or interference or otherwise violate the provisions of Article 923 of the City's Codified Ordinances.

7. Slug Discharges

The permittee shall control the discharge of slugs and accidental spills as outlined in Bethlehem Landfill Company's PPC Plan submitted to the City of Bethlehem on August 29, 2017. The permittee shall notify the POTW of any changes at its facility affecting potential for a slug discharge and may be required to update their plan upon receipt of notification by the POTW.

The permittee shall permanently post a notice on an employee bulletin board or other prominent place advising employees whom to call in the event of an accidental discharge or slug load. The permittee shall ensure that all employees are advised of the emergency notification procedures.

In the case of an accidental discharge or slug load, it shall be the responsibility of the permittee, upon discovery and after assessing the situation and taking initial corrective action, to give immediate verbal notification of the incident to the Industrial Pretreatment Coordinator. The verbal notification shall include location of discharge, type of waste, estimated concentration and volume if known, and initial corrective action taken. Within five (5) days following the verbal notification, the permittee shall submit to the Industrial Pretreatment Coordinator a detailed written report of the incident, including the date, time, duration of the discharge, a description of the cause of the discharge, all corrective actions implemented or attempted, and measures taken by the permittee to prevent similar future occurrences.

8. Noncompliance Notification

In the event the permittee is unable to comply with any of the conditions of this permit, the permittee shall provide the Industrial Pretreatment Coordinator with the following information in writing within thirty (30) days of receiving the noncompliance notification:

- a. The cause of noncompliance
- b. Anticipated time the condition of noncompliance is expected to continue, or if such condition has been corrected, the duration of the period of noncompliance
- c. Steps taken by the permittee to reduce and eliminate the noncomplying discharge
- d. Steps taken by the permittee to prevent recurrence of the condition of

noncompliance

The City reserves all rights and remedies that it has under or by reason of any statutory law, ordinance, or common law to cure any breach of this permit or to enforce any penalty for the breach thereof.

9. Pretreatment

The permittee shall install and maintain at its own expense necessary wastewater treatment equipment or other related facilities as required to comply with this permit and all applicable local, state, and federal pretreatment standards, regulations, or requirements.

10. Facilities Operation

The permittee shall at all times maintain in good working order and operate as efficiently as necessary all treatment, control, or monitoring facilities or systems installed or used by the permittee to maintain compliance with the terms and conditions of this permit.

11. Duty to Halt or Reduce Activity

Upon reduction of efficiency of operation or loss or failure of all or part of the permittee's pretreatment facilities, the permittee shall, to the extent necessary to maintain compliance with this permit, control its production, minimize discharges, or make use of alternate means of wastewater treatment or disposal until operation of the pretreatment facilities is restored to normal.

12. Bypass of Pretreatment Facilities

Bypass of pretreatment facilities is prohibited unless:

- a. It is unavoidable to prevent loss of life, worker injury, or severe property damage.
- b. It does not cause or contribute to an exceedance of the discharge limitations included in this permit.
- c. The City provides written approval to permittee allowing an anticipated bypass to occur. Requests to bypass must be submitted to the Industrial Pretreatment Coordinator at least fourteen (14) days before the date of the anticipated bypass.

13. Dilution

The permittee shall not 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 to achieve compliance with the limitations contained in this permit.

14. Removed Substances

The generation, storage, and disposal of any solid wastes, sludges, and/or chemicals shall be done in accordance with any applicable requirements of the Resource Conservation and Recovery Act (RCRA) and all applicable local, state, and federal regulations. Solid wastes, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in a manner such as to prevent any pollutant from such materials from entering the City's POTW except as permitted by the City.

15. Monitoring

- a. All samples, measurements, and analyses collected or completed as required herein shall be representative of the conditions occurring during the reporting period.
- b. Samples must be collected using 24-hour time proportional or flow proportional composite collection techniques. In the event that time proportional or flow proportional sampling is infeasible or not warranted in the opinion of the Industrial Pretreatment Coordinator, the Industrial Pretreatment Coordinator may authorize the use of grab samples where the permittee demonstrates that this technique will provide a representative sample of the discharged wastewater. The Industrial Pretreatment Coordinator shall determine the minimum acceptable frequency for grab sample collection.
- c. Sampling techniques described in 40 CFR Part 136 shall be followed.
- d. Sampling facilities shall be properly operated, kept clean, and maintained in good working order at all times. The failure of a permittee to keep its sampling location or facility in good working order shall not be grounds for the permittee to claim that sample results are unrepresentative of its discharge.
- e. All sampling locations utilized to meet the discharge monitoring provisions of this permit shall be approved by the Industrial Pretreatment Coordinator.
- f. All pollutant analyses shall be performed in accordance with the techniques described in 40 CFR Part 136 unless otherwise specified in an applicable categorical standard. If 40 CFR Part 136 does not contain analytical techniques for the pollutant in question, analyses must be performed in accordance with procedures approved by the Industrial Pretreatment Coordinator.
- g. If the permittee independently monitors any pollutants more frequently than required by the conditions of this permit using appropriate sampling and analytical techniques as described in 40 CFR Part 136, the results must be provided to the City within thirty (30) days of receipt by the permittee.
- h. All new, required flow measuring devices shall be approved by the Industrial Pretreatment Coordinator prior to installation. The costs of the

flow monitoring device and its installation shall be borne by the permittee. Flow measuring devices shall be properly designed, compatible with the process involved, and accurate. The flow measuring devices shall be calibrated at least semiannually at the sole expense of the permittee.

- i. If a discrepancy in reported flow data is identified, the Industrial Pretreatment Coordinator may require that existing flow measuring devices be serviced by a certified technician or replaced at the sole expense of the permittee.
- j. Flow monitoring facilities shall be properly operated, kept clean, and maintained in good working order at all times. The failure of a permittee to keep its flow monitoring facility in good working order shall not be grounds for the permittee to claim that the measurements are unrepresentative of its volume of flow to the POTW.
- k. If a permittee does not properly calibrate or maintain its flow monitoring equipment or if the Industrial Pretreatment Coordinator deems flow measurements inaccurate, the Industrial Pretreatment Coordinator shall utilize the permittee's metered water usage records to determine the volume of wastewater flow to the POTW. In this case, all claims of product uptake, evaporation, or other water losses shall be precluded.
- l. If a permittee does not have a flow measurement device, the Industrial Pretreatment Coordinator may require installation of flow monitoring facilities or rely on the permittee's metered water usage records to determine the volume of wastewater flow to the POTW. In the case of using the metered water usage records, the Industrial Pretreatment Coordinator may consider metered water losses. Unmetered claims of product uptake, evaporation or other losses shall be precluded unless appropriate documentation can be provided by the permittee.

16. Right of Entry

The permittee shall allow the City or its representative ready access at all reasonable times to all parts of its premises for the purpose of inspection, sampling, or in the performance of any duties. The permittee's records of monitoring activities and results shall be available for inspection and copying. The City shall have the right to set up on the permittee's property such devices as are necessary to conduct sampling, inspection, compliance monitoring, and/or metering operations without notification to the permittee.

Where a permittee has security measures in force requiring proper identification and clearance before entry into their premises, the permittee shall make necessary arrangements with their security guards so that upon presentation of suitable identification, personnel from the City will be permitted to enter and to perform their specific responsibilities within 10 minutes of their initial time of arrival. Delaying City personnel for more than 10 minutes for any reason, including to complete process changes or to alter wastewater constituency prior to sample collection, shall be a violation of this permit.

Any temporary or permanent obstruction to safe and easy access to the facility to be inspected and/or sampled shall be promptly removed by the permittee at the written request of the Industrial Pretreatment Coordinator and shall not be replaced without approval of the Industrial Pretreatment Coordinator. The costs of clearing such access shall be borne by the permittee.

17. Reporting Requirements

In accordance with local, state, or federal regulations, the permittee shall provide the following reports to the City as necessary. The reports shall contain specific information as required by EPA's Pretreatment Regulations, Article 923 of the City's Codified Ordinances, or the Industrial Pretreatment Coordinator and shall be submitted within the timeframes prescribed by the EPA's Pretreatment Regulations, Article 923 of the City's Codified Ordinances, or the Industrial Pretreatment Coordinator.

- a. Baseline monitoring reports
- b. Compliance schedule progress reports
- c. Reports on compliance with pretreatment standard deadline
- d. Periodic compliance reports
- e. Reports of changed conditions
- f. Reports of potential problems
- g. Notice of violation/repeat sampling and reporting

In addition, the permittee shall furnish to the City within the period specified by the Industrial Pretreatment Coordinator, any additional information that the City requests to determine whether cause exists for modifying, revoking, reissuing, or terminating this permit, or to determine compliance with this permit.

18. Signatory Requirements

All required documents, reports, and information submitted to the City by the conditions of this permit must:

- a. Be signed by the permittee's authorized representative who is defined as:
 - (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
 - (2) A general partner or proprietor, if the User is a partnership or proprietorship, respectively
 - (3) A director or highest official appointed or designated to oversee operations and performance, if the User is a federal, state, or local

governmental facility

- (4) A duly authorized representative of the individual identified in (1) through (3) above, if such representative is responsible for the overall operation of the facilities from which the indirect discharge originates and a written request for designation of an alternate representative is approved by the City

If an authorization under paragraph (4) 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 this section must be submitted to the Industrial Pretreatment Coordinator prior to or together with any reports to be signed by an authorized representative.

- b. Include the following certification statement unless the document is a form provided by the City which already includes a 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.

19. Records Retention

- a. The permittee shall maintain records of all information resulting from any discharge monitoring activities completed by the permittee. At a minimum, such records must include:
 - (1) The date, exact place, method, time of sampling, and the names of the person(s) collecting the samples
 - (2) Dates analyses were performed
 - (3) Who performed the analyses
 - (4) Analytical techniques/methods used
 - (5) The results of such analyses
- b. The permittee shall retain and preserve for no less than three (3) years any records, reports, chemical analyses, etc. made by or on behalf of the permittee in connection with its discharge and this permit. In addition, any records that pertain to matters that are the subject of special orders or any other enforcement or litigation activities brought by the City shall be

retained and preserved by the permittee until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired. The permittee shall upon request and within the time frame specified by the Industrial Pretreatment Coordinator furnish to the City copies of any records required to be kept by this permit.

20. Duty to Comply

The permittee must comply with all conditions of this permit and Article 923 of the City's Codified Ordinances. Failure to comply with the requirements of this permit shall be grounds for enforcement actions and/or penalties as provided for in Article 923.05 and 923.99 of the City's Codified Ordinances, including penalties of up to \$1,000.00 dollars per day per violation, up to ninety (90) days imprisonment, or both.

21. Violations

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. Such a violation or any other violation of the terms and conditions of this permit shall subject the permittee to enforcement actions and/or penalties as provided for in Article 923.05 and 923.99 of the City's Codified Ordinances, including penalties of up to \$1,000.00 dollars per day per violation, up to ninety (90) days imprisonment, or both.

Any person who violates permit conditions shall be subject to applicable civil penalties provided for under state or federal laws. Any person who willfully or negligently violates permit conditions shall also be subject to applicable criminal penalties provided for under state or federal laws.

In addition to civil and criminal liability, the permittee violating any of the provisions of the permit or causing damage to or otherwise inhibiting the City's POTW shall be liable to the City for any expense, loss, damage, cleaning, repair, and/or replacement work caused by the violation.

All remedies for violations of permit conditions shall be nonexclusive and nothing in this permit shall be construed to relieve the permittee from civil and/or criminal penalties for noncompliance under Article 923.99 of the City's Codified Ordinances or any state or federal laws or regulations.

22. Annual Publication

In accordance with 40 CFR 403.8 (f)(2)(viii), an annual list of industrial users which had been in significant noncompliance of applicable permit standards and requirements during the previous twelve (12) months shall be published by the City in a newspaper of general circulation that provides meaningful public notice within the jurisdiction served by the POTW.

For the purpose of this provision, a User is in significant noncompliance if its violation meets one or more of the following criteria:

- a. Chronic violations of wastewater discharge limits, defined here as those in which sixty-six percent or more of all of the measurements taken during a six-month period exceed (by any magnitude) a numeric pretreatment standard or requirement, including instantaneous limits
- b. Technical Review Criteria (TRC) violations, defined here as those in which thirty-three percent or more of all of the measurements for each pollutant parameter taken during a six-month period equal or exceed the product of a numeric pretreatment standard or requirement, including instantaneous limits, multiplied by the applicable TRC (TRC = 1.4 for BOD5, CBOD5, TSS, fats, oil, and grease, and 1.2 for all other pollutants except pH)
- c. Any other violation of a pretreatment effluent limit (daily maximum or longer-term average) that the City determines has caused, alone or in combination with other discharges, interference or pass through (including endangering the health of POTW personnel or the general public)
- d. Any discharge of a pollutant that has caused imminent endangerment to human health, welfare or to the environment or has resulted in the POTW's exercise of its emergency authority under 40 CFR 403.8(f)(1)(vi)(B) to halt or prevent such a discharge
- e. Failure to meet, within 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
- f. Failure to provide, within 45 days after the schedule date, required reports such as Baseline Monitoring Reports, 90-day compliance reports, periodic self-monitoring reports, and reports on compliance with compliance schedules
- g. Failure to accurately report noncompliance
- h. Any other violation or group of violations, which may include violations of BMPs, that the City determines will adversely affect the operation or implementation of the City's pretreatment program.

23. Falsifying Information

Knowingly making any false statement on any report or other document required by this permit or knowingly rendering any monitoring device or method inaccurate is a violation of this permit and shall subject the permittee to enforcement actions and/or penalties as provided for in Article 923.05 and 923.99 of the City's Codified Ordinances, including penalties of up to \$1,000.00 dollars per day per violation, up to ninety days imprisonment, or both.

24. Permit Appeals

The permittee may petition to appeal the terms and conditions of this permit

within thirty (30) days' notice of its issuance. The written appeal request accompanied by the appropriate fee identified in Article 923.03 (a)(3) of the City's Codified Ordinances must be submitted to the Industrial Pretreatment Coordinator. The appeal request shall provide the name, address, and telephone number of the appellant and shall also indicate the permit provisions objected to, the reasons for this objection, and the alternative condition, if any, it seeks to place in the permit. Failure to submit a timely petition for review shall be deemed to be a waiver of any appeal. The filing of an appeal request by the permittee does not stay any permit condition while under consideration by the City.

25. 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.

B. General Discharge Limitations

1. General Prohibitions

The permittee shall not contribute or cause to be contributed, directly or indirectly, any pollutant or wastewater which will cause pass through or interference with the operation or performance of the POTW. The permittee shall not contribute the following substances to the POTW:

- a. Quantities of liquids, solids, or gases (such materials include, but are not limited to, gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides and sulfides) which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any way to the POTW or to the operation of the POTW, including, but not limited to, any discharge with a closed-cup flashpoint of less than 140 °F (60 °C) using the test methods specified in 40 CFR 261.21. At no time, shall any wastewater cause two successive readings on an explosion hazard meter, at the point of discharge into the system (or at any point in the system) to be more than five percent (5%) nor any single reading to be over ten percent (10%) of the Lower Explosive Limit (LEL) of the meter.
- b. Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW resulting in interference, including, but not limited to grease, garbage, solids greater than three (3) inches in any dimension, animal guts or tissues, paunch manure, bones, hair, hides or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grains, spent hops, waste paper, wood, plastics, gas, tar, asphalt residues, residues from refining or processing of fuel or lubricating oil, mud, or glass grinding or polishing wastes.
- c. Pollutants which will cause any damage to the POTW, but in no case may pollutants being discharged have a pH lower than 5.0 nor greater than 11.5.
- d. Any wastewater containing pollutants in sufficient quantity, either singly or by interaction with other pollutants, which result in the presence of toxic gases, vapors, or fumes, cause worker injury or disruption of any wastewater treatment process, including the disposal of sludge, or would be in noncompliance with any categorical or pretreatment standards established in accordance with 40 CFR Section 403.6.
- e. Any noxious or malodorous liquids, gases, or solids which either singly or by interaction with other wastes cause a public nuisance or hazard to life or prevent entry into the POTW for maintenance and repair.
- f. Any pollutant, including oxygen demanding pollutants, released in a discharge at a flow rate and/or pollution concentration which will cause

- interference with the POTW.
- g. Any substance which will cause pass through and cause the POTW to violate its NPDES and/or State Solid Waste Disposal System Permit(s) or the air quality and/or receiving water quality standards.
 - h. Any wastewater with excessive discoloration not removed in the POTW treatment process, including, but not limited to, dye wastes and vegetable tanning solutions, which causes or contributes to interference, pass through, or any violations at the POTW Treatment Plant.
 - i. Heat in amounts producing interference, but in no case heat in such quantities that the temperature at the POTW Treatment Plant exceeds 40 °C (104 °F). At no time shall a discharge to the POTW have a temperature higher than 150 °F or less than 32 °F.
 - j. Slug loads which cause pass through or interference in the POTW.
 - k. Any wastewater containing any radioactive material or isotopes of such half-life or concentration as may cause interference in the POTW or exceed limits established by the Superintendent in compliance with applicable Delaware River Basin Commission, State, or Federal regulations.
 - l. Any petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through.
 - m. Any discharge of mineral/petroleum oil and grease in concentrations greater than 100 mg/L or animal/vegetable oil and grease in concentrations greater than 300 mg/L.
 - n. Any discharge of hauled or trucked wastes, except as specifically authorized by the Superintendent.
 - o. Any discharge which, if otherwise disposed of, would be considered a hazardous waste as defined in 40 CFR Part 261, without prior notification by the User in writing to the POTW, the State and EPA in accordance with 40 CFR 403.12(p)(l) and written approval by the Superintendent.
 - p. Any new or increased discharges or changes in the nature of discharges without prior notification to the POTW and written approval by the Superintendent.
 - q. Storm water, surface water, ground water, artesian well water, roof runoff, subsurface drainage, unpolluted industrial process water, unpolluted cooling water as regulated by Article 915 of the City's Codified Ordinances, or swimming pool drainage as regulated by Article 921 of the City's Codified Ordinances, unless specifically authorized by the Superintendent.

- r. Sludges, screenings, or other residues from the pretreatment of industrial wastes, unless specifically authorized by the Superintendent.
- s. Wastes generated in the diagnosis, treatment, immunization, or autopsy of human beings or animals, in research pertaining thereto, or in the preparation of human or animal remains for burial or cremation, except as specifically authorized by the Superintendent.
- t. Wastewater causing, alone or in conjunction with other sources, the POTW Treatment Plant's effluent to fail a toxicity test.
- u. Detergents, surface-active agents, or other substances which may cause excessive foaming in the POTW.

2. Specific Prohibitions

a. Local Limits

In accordance with Article 923.02 (d) and (f) of the City's Codified Ordinances and 40 CFR 403.5 (c), the following specific pollutant discharge limitations are imposed upon the permittee:

<u>Pollutant (Total)</u>	<u>Local Limit (mg/L)</u>
Arsenic (As)	0.11
Cadmium (Cd)	0.05
Chromium (Cr)	0.91
Copper (Cu)	1.35
Lead (Pb)	0.39
Mercury (Hg)	0.007
Molybdenum (Mo)	0.22
Nickel (Ni)	1.36
Selenium (Se)	0.23
Silver (Ag)	0.21
Zinc (Zn)	2.58
Cyanide (CN)	0.38

The specific pollutant discharge limitations listed above are the highest allowable concentration as determined through a single grab sample, the average of a set of grab samples, or a composite sample of specified duration. The specific pollutant discharge limitations apply at the point where the wastewater is discharged to the POTW or as otherwise specified in this permit.

Any revised Specific Pollutant Discharge Limitations - Local Limits adopted into Article 923.02 (d) of the City's Codified Ordinances shall become part of and incorporated in this permit.

b. Categorical Limits

Depending upon the manufacturing processes utilized at the permittee's facility, the permittee may be subject to Categorical Pretreatment Standards which specify quantities or concentrations of pollutants or pollutant properties which may be discharged to the POTW by facilities in specific industrial subcategories as established as separate regulations under 40 CFR Chapter I, Subchapter N. The permittee shall comply with all Categorical Pretreatment Standards applicable to its facility.

c. In the case where local limits and categorical limits have been established for the same pollutant, the permittee shall comply with whichever limit is determined to be more stringent by the City. If necessary, the City will make use of EPA's Combined Wastestream Formula to account for dilution wastestreams and accurately compare local limits to categorical limits.

d. The permittee shall comply with the discharge limitations, based on a., b., and c. above, as listed in the Section C of this permit.

3. Surcharge and Cost Recovery Program

a. Wastewater discharged into the City's POTW having an average concentration greater than that listed for the substances below shall be subject to a surcharge rate in accordance with Article 923.03 (b) of City's Codified Ordinances.

<u>Pollutant</u>	<u>Concentration</u>
Biochemical Oxygen Demand (BOD ₅)	300 mg/L
Chemical Oxygen Demand (COD)	600 mg/L
Total Suspended Solids (TSS)	350 mg/L
Ammonia-Nitrogen (NH ₃)	50 mg/L

b. Fees for sampling and analysis procedures completed by the City will be billed at 1.15 times actual cost.

c. The permittee is also subject to inspection, permit application, and permit appeal fees identified in Article 923.03 (a) of City's Codified Ordinances.

C. Site Specific Conditions

1. Description of Discharge and Sampling Location

The permittee is authorized to discharge wastewater from:

- 1) the landfill leachate process, the truck tire wash, and domestic sources,
- 2) the 90 GPD of blackwater from the high BTU plant discharged with care to restrict flows to a constant stream over the course of the workday,
- 3) and less than 2,400 GPD of condensate from the high BTU plant discharged with care to restrict flows to a constant stream over the course of the workday.

All discharges shall be monitored at Manhole #21 as shown on page 19, which receives wastewater from all facility sources.

All discharges shall be restricted during wet weather events so as not to overwhelm the Applebutter road pump station; this requirement may be lifted when the pump station is upgraded.

Any discharge from other sources or from other connection points shall constitute a violation of this permit.

2. Monitoring and Reporting Requirements

- a. Based on production data and anticipated wastewater characteristics and flows described in the permit application and its supporting documents, the following discharge limitations and monitoring requirements apply:

Discharge Parameters	Discharge Limitations			Monitoring Requirements	
	Local Limits (mg/L)	Categorical Limits (mg/L)		Minimum Measurement Frequency	Sample Type
		Maximum Daily	Average Monthly		
Flow					metered
pH	5.0 – 11.5 S.U.			2 days/quarter	Grab
Ammonia (NH ₃)	Monitor only			2 days/quarter	Composite
Biological Oxygen Demand (BOD ₅)	Monitor only			2 days/quarter	Composite
Chemical Oxygen Demand (COD)	Monitor only			2 days/quarter	Composite
Total Suspended Solids (TSS)	Monitor only			2 days/quarter	Composite
Arsenic (As)	0.11			1 day/quarter	Composite
Cadmium (Cd)	0.05			1 day/quarter	Composite
Chromium (Cr)	0.91			1 day/quarter	Composite
Copper (Cu)	1.35			1 day/quarter	Composite
Lead (Pb)	0.39			1 day/quarter	Composite
Mercury (Hg)	0.007			1 day/quarter	Composite
Molybdenum (Mo)	0.22			1 day/quarter	Composite
Nickel (Ni)	1.36			1 day/quarter	Composite
Selenium (Se)	0.23			1 day/quarter	Composite
Silver (Ag)	0.21			1 day/quarter	Composite
Zinc (Zn)	2.58			1 day/quarter	Composite
Cyanide (CN)	0.38			1 day/quarter	Grab
Oil & Grease	300			1 day/quarter	Grab
Total Petroleum Hydrocarbon (TPH)	100			1 day/quarter	Grab

- b. All site specific wastewater monitoring must be completed in accordance with Permit Condition A.15.
- c. The permittee elects to undertake self monitoring. The following schedule and administrative conditions apply:

Monitoring Period	Sampling	Who Is Sampling	Report Due
First quarter	January 1 – March 31	Permittee	July 15
Second quarter	April 1 – June 30	City	
Third quarter	July 1 – September 30	Permittee	January 15
Fourth quarter	October 1 – December 31	City	

- (1) The permittee shall cause self monitoring samples to be collected in the first and third quarters of the year. The City will conduct monitoring in the second and fourth quarters of the year.
- (2) The permittee must complete and submit the Industrial Waste Discharge Monitoring Report and Pretreatment Compliance Certification Statement to the Industrial Pretreatment Coordinator. The reports are due by July 15 and January 15. The report due July 15 covers the first and second quarter monitoring periods. The report due January 15 covers the third and fourth quarter monitoring periods.
- (3) The permittee shall notify the Industrial Pretreatment Coordinator a minimum of 48 hours prior to sample collection by the permittee or its contract laboratory. The Industrial Pretreatment Coordinator may observe the collection of any sample.
- (4) The permittee shall notify the Industrial Pretreatment Coordinator of any changes in contract laboratory at least 48 hours prior to the collection of any samples. The Industrial Pretreatment Coordinator may recommend the use of an alternate contract laboratory.
- (5) If the permittee or its contract laboratory does not follow proper sample collection protocols and/or techniques described in 40 CFR Part 136, all samples collected inappropriately shall be discarded and recollected at the sole expense of the permittee.
- (6) If the permittee's contract laboratory does not analyze samples in accordance with protocols and/or techniques described in 40 CFR Part 136 or are deemed technically deficient by the Industrial Pretreatment Coordinator, all results shall be discarded and samples shall be reanalyzed at the sole expense of the permittee.
- (7) Copies of laboratory analysis results shall be forwarded to the permittee and the Industrial Pretreatment Coordinator simultaneously. If the permittee's contract laboratory does not comply with this requirement, the Industrial Pretreatment Coordinator will recommend the use of an alternate contract laboratory.
- (8) If sampling performed by the permittee indicates a violation, the permittee must notify the Industrial Pretreatment Coordinator within twenty-four (24) hours of becoming aware of the violation. The permittee shall repeat the sampling within ninety-six (96) hours and shall submit the analytical results to the Industrial Pretreatment Coordinator within thirty (30) days of becoming aware of the violation.

Where the repeat sampling indicates a continued violation, the permittee shall again repeat sampling within ninety-six (96) hours of becoming aware of the continued violation, submit the analytical results to the Industrial Pretreatment Coordinator within thirty (30)

days, and notify the Industrial Pretreatment Coordinator to determine if a more stringent schedule for additional monitoring is required.

- d. The permittee shall maintain water usage and available wastewater discharge records at its facility. These records shall be available for review upon request by the Industrial Pretreatment Coordinator. Wastewater flow monitoring shall be in accordance with Permit Condition A.20.

3. Sampling Location

