



Sludge General Permit Application/Renewal

Responses are required for all the questions below: Upper Blackstone does not have facilities to receive sludge cake, only liquid receiving.

Date: _____

Name of Treatment Facility: _____

Address: _____

Email: _____

Contact: _____

(name)

(phone)

Average Daily Flow: _____ mgd Design Flow: _____ mgd

Effluent Permit Limits for the Following: total nitrogen: _____ total phosphorus: _____

(Attach a copy of the Treatment Facility's permit effluent limitations and monitoring requirements)

1. Describe your wastewater treatment process (i.e. preliminary treatment, primary treatment, secondary treatment, advanced treatment, etc.).

2. What chemicals do you add to the liquid stream (prior to disinfection) and for what purpose (i.e. alum and/or ferric for phosphorus removal, potassium permanganate for odor control, etc.)?

If polymer added describe which type (cationic or anionic): _____

3. Does your facility generate: Primary Sludge, Secondary Sludge, Tertiary Sludge, and /or other types of Sludge?

4. Describe your sludge processing (i.e. thickening, dewatering, current ultimate disposal, polymer, or other chemical addition). Attach the facility process flow diagram.

5. How much sludge do you generate annually? (dry tons per day and gallons per day)

6. Indicate the range of percent-solids for your sludge?

Current average _____ % Last year's average _____ %

7. Do you accept septage? Y N

From which communities: _____

How many gallons per month? _____

8. Do you have a pretreatment program? Y N

If yes, attach the most recent copy of your IPP Annual Report.

If no, please name any significant industries that contribute to the sewage flow or load.

9. Are there dental dischargers to the system? Y N

How many? _____

10. Do you accept any discharges from a water treatment plant? Y N

If yes, name the water plant, address and list process chemicals used at that water plant?

<u>Name</u>	<u>Address</u>	<u>Chemicals used</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

If yes, is the discharge from the water treatment plant constant or is it received as a batch discharge?

Constant

Batch Discharge

If it is a batch discharge, how frequently is it received and in what quantity?

11. If you haul sludge off site for disposal, do you have a contract with a hauler or does your facility/town/city own its own truck? (Circle) Contract Municipal truck

Name of contract hauler(s), if used? _____

How much do you currently pay for sludge disposal (i.e., \$/ gal, \$/ dry ton)? _____

SUBMIT THIS FORM TO:

Upper Blackstone Clean Water
50 Route 20
Millbury, MA 01527

ATTN: Pretreatment Department

or pretreatment@ubcleanwater.org.

Additional Instructions

Attached is a Laboratory Data Request form.

If your facility's sludge satisfied initial screening based on the information provided in the Sludge General Permit Application/Renewal, we will require submittal of the attached Laboratory Data Request Form. Do not complete the Laboratory Data Request unless Upper Blackstone indicates the initial screening is satisfied.

Sludge General Permit Application/Renewal

Laboratory Data Request

If your facility's sludge satisfied initial screening based on the information provided in the Sludge General Permit Application/Renewal, we will require submittal of the following laboratory data prior to initial acceptance and at permit renewals. Sample and provide analysis, conducted in accordance with the method listed below or prescribed in 40 CFR Part 136 or otherwise approved by the U.S. Environmental Protection Agency. Ask your lab for the lowest possible detection limits for cadmium and mercury.

<u>Parameter</u>	<u>results</u>	<u>method</u>
• Aluminum	_____mg/kg	EPA 3050B/6010C
• Cadmium	_____mg/kg	EPA 3050B/6010C
• Copper	_____mg/kg	EPA 3050B/6010C
• Lead	_____mg/kg	EPA 3050B/6010C
• Mercury	_____mg/kg	EPA 3050B/6010C
• Nickel	_____mg/kg	EPA 3050B/6010C
• Zinc	_____mg/kg	EPA 3050B/6010C
• Beryllium	_____mg/kg	EPA 3050B/6010C
• Chromium	_____mg/kg	EPA 3050B/6010C
• Cyanide	_____mg/kg	EPA 9012A or SW-846
• % Solids	_____%	SM 2540 G-2015
• % Solids, Volatile	_____%	SM 2540 G-1997
• COD	_____mg/kg	SM 5220D
• Total Nitrogen	_____mg/kg	SM 4500N
• Total Phosphorous	_____mg/kg	EPA 365.1 or SM 4500P
• Fats, Oil, and Grease	_____mg/kg	EPA 1664A or SM 5520D
• pH	_____s.u.	*

laboratory data and chain of custody must be submitted with this completed request.

**40 CFR Part 136 or otherwise approved by the U.S. Environmental Protection Agency.*