



## PASSAIC VALLEY SEWERAGE COMMISSION

### APPLICATION TO DISCHARGE INDUSTRIAL LIQUID WASTE

*"Protecting Public Health and the Environment"*

#### THIS APPLICATION TO BE COMPLETED BY WASTE GENERATOR

1. Waste Generator Name: \_\_\_\_\_
  
2. Waste Generator Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ Zip Code: \_\_\_\_\_
  
3. Waste Generator Telephone Number: \_\_\_\_\_ Fax No.: \_\_\_\_\_
  
4. Waste Generator US EPA ID No. (if any): \_\_\_\_\_
  
5. Person to contact concerning information provided in this application: (GENERATOR OF WASTE ONLY)  
Name of Contact: \_\_\_\_\_  
Title: \_\_\_\_\_  
Phone No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_  
Address: \_\_\_\_\_  
Zip Code: \_\_\_\_\_

#### BILLING INFORMATION (CUSTOMER)

6. Billing Contact Name: \_\_\_\_\_
  
7. Billing Company Name: \_\_\_\_\_
  
8. Billing Contact Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ Zip Code: \_\_\_\_\_
  
9. Billing Contact Telephone Number: \_\_\_\_\_ Fax No.: \_\_\_\_\_

#### FACILITY INFORMATION [COMPLETE 9-11 ONLY IF DIFFERENT FROM 1-4 ABOVE]

9. Facility Name: \_\_\_\_\_
  
10. Facility Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ Zip Code: \_\_\_\_\_
  
11. Facility Telephone Number: \_\_\_\_\_ Fax No.: \_\_\_\_\_
  
12. Facility US EPA ID No. (if any): \_\_\_\_\_

13. Facility NPDES or NJPDES No. (if any): \_\_\_\_\_
14. Description of activity performed at facility:  
 \_\_\_\_\_  
 \_\_\_\_\_
- List SIC CODE # with description (if any): \_\_\_\_\_
15. Is the Liquid Waste subject to applicable categorical pretreatment standard(s)? Yes/No \_\_\_\_\_  
 If so, list pretreatment control authority: \_\_\_\_\_

**\*\*\*\*NOTE: IF WASTE IS SUBJECT TO A CATEGORICAL PRE-TREATMENT STANDARD, CONTACT PVSC FOR A "CATEGORICAL WASTE ADDEMDUM" TO THIS APPLICATION.**

16. List the industrial category for the Liquid Waste, if applicable: \_\_\_\_\_  
 Subpart (s): \_\_\_\_\_
17. List regulatory compliance date(s), if applicable: \_\_\_\_\_
18. Is facility in compliance? Yes/No \_\_\_\_\_ If not, and if compliance date has passed, explain actions being taken to get into compliance: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**PRETREATMENT**

19. Does the Liquid Waste exceed any of the applicable categorical pretreatment standard(s) for this Liquid Waste? Yes/No \_\_\_\_\_

**RCRA**

20. Does the Liquid Waste come from a facility, or any portion of the facility, that is regulated as a Federal and/or State Resource Conservation and Recovery Act (RCRA) facility for treatment, storage, or disposal? Yes/No \_\_\_\_\_ If YES, explain: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**IF YOUR RESPONSE IS "YES" TO ANY OF THE QUESTIONS NUMBERED 21 THROUGH 26 OR 28, PLEASE DO NOT PROCEED ANY FURTHER WITH THIS APPLICATION BECAUSE THE LIQUID WASTE CANNOT BE ACCEPTED FOR TREATMENT AT THE PASSAIC VALLEY SEWERAGE COMMISSIONERS WWTP.**

21. Is the Liquid Waste a listed RCRA hazardous waste (40 CFR 261, N.J.A.C. 7:26G-1 et seq.) (F, P, K, U listed waste)? Yes/No \_\_\_\_\_
22. Is the Liquid Waste a characteristic RCRA hazardous waste (40 CFR 261, N.J.A.C. 7:26G-1 et seq.) (D waste)? Yes/No \_\_\_\_\_
23. Is the Liquid Waste a mixture of a RCRA hazardous waste (40 CFR 261, N.J.A.C. 7:26G-1 et seq.) with a non-hazardous waste? Yes/No \_\_\_\_\_
24. Is the Liquid Waste derived from a listed RCRA hazardous waste (40 CFR 261, N.J.A.C. 7:26G-1 et seq.)? Yes/No \_\_\_\_\_
25. Is the Liquid Waste the product of a spill/cleanup of a listed RCRA hazardous waste (40 CFR 261, N.J.A.C. 7:26G-1 et seq.)? Yes/No \_\_\_\_\_
26. Was the Liquid Waste a listed RCRA hazardous (40 CFR Part 261) as generated and rendered RCRA non-hazardous by pretreatment? Yes/No \_\_\_\_\_

27. Please provide any exclusions which may render the waste RCRA non-hazardous (40 CFR 261, N.J.A.C. 7:26G-1 et seq). \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**OTHER**

28. Does the Liquid Waste contain substances in concentrations that are regulated by the Toxic Substances Control Act (TSCA) (40 CFR Subchapter R) including PCBs (40 CFR 761)?: Yes/No \_\_\_\_\_

**IF YOUR RESPONSE IS "YES" TO ANY OF THE QUESTIONS NUMBERED 20 THROUGH 26 OR 28 ABOVE, PLEASE DO NOT PROCEED ANY FURTHER WITH THIS APPLICATION. THE LIQUID WASTE CANNOT BE ACCEPTED FOR TREATMENT AT THE PASSAIC VALLEY SEWERAGE COMMISSIONERS (PVSC) WWTP. ANY PERSON DISCHARGING SUCH LIQUID WASTE VIA TRUCK TO PVSC'S WWTP FOR TREATMENT WILL BE SUBJECT TO PUNISHMENT INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.**

**PROPERTIES OF THE LIQUID WASTE**

29. Name of Liquid Waste: \_\_\_\_\_

Sludge \_\_\_\_\_ Graywater \_\_\_\_\_ **[See Sludge definition above Table 1B on page 7 of this application]**

30. Description of process generating the Liquid Waste: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Attach process flow diagram)

31. Principal materials used in the process generating the Liquid Waste: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

32. Principal products (or service) from which the Liquid Waste is generated: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

33. Has the Liquid Waste been pretreated? Yes/No \_\_\_\_\_

If so, describe pretreatment process in use:  
\_\_\_\_\_  
\_\_\_\_\_

**(Attach pretreatment process flow diagram)**

34. Is the Liquid Waste generated as a result of a site cleanup/compliance activity? Yes/No \_\_\_\_\_

If so, describe cleanup/compliance activity and the regulatory program: \_\_\_\_\_  
\_\_\_\_\_

35. Estimated quantity of Liquid Waste to be delivered:

Estimated gallons per week: \_\_\_\_\_

Estimated gallons per year: \_\_\_\_\_

Estimated length of disposal services needed (months, years, one time, etc.): \_\_\_\_\_

**PLEASE NOTE THAT FOR DISPOSAL SERVICES EXTENDING BEYOND ONE YEAR, A COMPLETED APPLICATION FOR LIQUID WASTE ACCEPTANCE PROGRAM "APPLICATION FOR INDUSTRIAL LIQUID WASTE" MUST BE SUBMITTED ANNUALLY.**

36.

Liquid Waste Component	Concentration Range (wt.% or ppm)		
	Lower	Upper	Typical
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
TOTAL			100%

37.

Is Liquid Waste currently disposed at one or more facilities? If so, please provide the following information for the current facility or facilities:

**FACILITY 1**

Facility Name \_\_\_\_\_  
 Facility Address \_\_\_\_\_  
 \_\_\_\_\_  
 Type of Facility \_\_\_\_\_  
 Facility Permit Number \_\_\_\_\_  
 Type of Permit \_\_\_\_\_  
 Is Liquid Waste handled as RCRA hazardous or non-hazardous waste by this facility? \_\_\_\_\_  
 Provide any limitations on the Liquid Waste imposed by this facility \_\_\_\_\_  
 \_\_\_\_\_

**FACILITY 2**

Facility Name \_\_\_\_\_  
 Facility Address \_\_\_\_\_  
 \_\_\_\_\_  
 Type of Facility \_\_\_\_\_  
 Facility Permit Number \_\_\_\_\_  
 Type of Permit \_\_\_\_\_  
 Is Liquid Waste handled as RCRA hazardous or non-hazardous waste by this facility? \_\_\_\_\_  
 Provide any limitations on the Liquid Waste imposed by this facility \_\_\_\_\_

38.

Is or has the facility ever been connected to a municipal sewer system? Yes/No \_\_\_\_\_

If so, explain why this Liquid Waste is not discharged to the sewer \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

39.

Is there a separate component of the Liquid Waste stream disposed at other facilities, such as a sludge component? Yes/No \_\_\_\_\_

If so, is the separate component disposed as a RCRA hazardous waste? Yes/No \_\_\_\_\_

If so, indicate RCRA hazardous waste code(s) \_\_\_\_\_

40.

Is the Liquid Waste subject to reporting requirements under New Jersey Sludge Quality Assurance Regulations, also referred to as **SQAR (N.J.A.C 7:14-4 et seq.)**, or the equivalent in the generator's state?: Yes/No \_\_\_\_\_

**If so, attach copies of SQAR or equivalent reports for the last six (6) months to this form.**

41. Is the Liquid Waste known to gel or solidify? Yes/No \_\_\_\_\_
42. Is the Liquid Waste known to be incompatible or reactive with other chemicals? Yes/No \_\_\_\_\_
- If so, list incompatibility (ies) \_\_\_\_\_

**ANALYSIS OF LIQUID WASTE**

43. Does Liquid Waste contain separate phase organic material (floating or sinking oils or solvents) or solids? Yes/No \_\_\_\_\_ if yes, please list all phases
44. Analysis for all separate phases of the Liquid Waste must be performed on a representative sample collected:

Samples collected by: \_\_\_\_\_ Date: \_\_\_\_\_

Samples collected by: \_\_\_\_\_ Date: \_\_\_\_\_

Products being manufactured when sample was collected: \_\_\_\_\_

**ALL SEPARATE PHASES MUST BE SAMPLED SEPARATELY. ALL SEPARATE PHASES MUST BE ANALYZED SEPARATELY AND REPORTED BY A STATE CERTIFIED ANALYTICAL LABORATORY (IN ALL ANALYSES PROVIDED). THE ANALYSES SUBMITTED MUST BE FOR THE LIQUID WASTE STREAM THAT IS THE SUBJECT OF THIS APPLICATION.**

List State laboratory certification number \_\_\_\_\_

45. Analysis for all separate phases of the Liquid Waste must be performed on a representative sample collected for the waste stream:

**For a GRAYWATER analyze for the parameters listed in Table 1A. Analysis for any metals listed in Table 1A should be for Total Metals (NOT TCLP METALS, WHICH ARE REQUIRED IN TABLE 3). Attach a complete laboratory analysis for all results listed in Table 1A including the Chain-of-Custody and signed Lab Certification.**

**Table 1A – GRAYWATER**

Parameter	Value	Limit (mg/l)	Parameter	Value	Limit (mg/l)
Total Solids			Arsenic (As)		suspended
Volatile Solids			Cadmium (Cd)		suspended
Total Suspended Solids			Chromium Total (Cr)		Suspended
Volatile Suspended Solids			Copper (Cu)		3.98
Silica Gel Treated Hexane Extractable Materials		100	Lead (Pb)		1.3
Biochemical Oxygen Demand (BOD)			Molybdenum (Mo)		Suspended
Chemical Oxygen Demand (COD)			Mercury (report to 0.XXX)		0.06
Total Organic Carbon (TOC)			Selenium (Se)		
Ortho Phosphates as P			Nickel (Ni)		3.12
Ammonia as NH <sub>3</sub>			Zinc (Zn)		3.81
Kjeldahl N as N					
			OTHER: (2)		
TTO (Report to 0.XXX) (1)					
TTVO (Report to 0.XXX) (1)					

(1) If required by Categorical Pretreatment Standards.

(2) List results for major components listed in question 36 and any additional parameters required by Categorical Pretreatment Standards.

For a **SLUDGE** (defined as the solid residue and associated liquid resulting from the physical, chemical or biological treatment of domestic or industrial wastewaters) analyze for the parameters listed in Table 1B. Analysis for any metals listed in Table 1B should be for Total Metals (**NOT TCLP METALS, WHICH ARE REQUIRED IN TABLE 3**). Attach a complete laboratory analysis for all results listed in Table 1B including the Chain-of-Custody and signed Lab Certification.

**Table 1B – SLUDGE**

Parameter	Value	Parameter	Value	Limit (mg/kg)
Total Solids		Arsenic (As)		41
Volatile Solids		Cadmium (Cd)		39
Total Suspended Solids		Chromium Total (Cr)		1,200
Silica Gel Treated Hexane Extractable Materials		Copper (Cu)		1,500
Ortho Phosphates as P		Lead (Pb)		300
Ammonia as NH <sub>3</sub>		Mercury (Hg)		17
Kjeldahl N as N		Molybdenum (Mo)		Suspended
		Selenium (Se)		100
		Nickel (Ni)		420
		Zinc (Zn)		2800
		OTHER: (2)		
TTO (Report to 0.XXX) (1)				
TTVO (Report to 0.XXX) (1)				

(1) If required by Categorical Pretreatment Standards.

(2) List results for major components listed in question 36 and any additional parameters required by Categorical Pretreatment Standards.

46. List RCRA hazardous waste characterization analytical laboratory results and indicate which contaminants exceed regulatory levels. Attach RCRA hazardous waste characterization analytical laboratory results listed below. Analyses must be performed on a representative sample collected for the Liquid Waste that is the subject of this application.

**IF ANY OF THE RCRA HAZARDOUS WASTE CHARACTERIZATION ANALYTICAL DATA VALUES EXCEED REGULATORY LEVELS, THE LIQUID WASTE CANNOT BE ACCEPTED FOR TREATMENT AT THE PASSAIC VALLEY SEWERAGE COMMISSIONERS (PVSC) WWTP. ANY PERSON DISCHARGING SUCH LIQUID WASTE VIA TRUCK TO PVSC'S WWTP FOR TREATMENT WILL BE SUBJECT TO PUNISHMENT INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.**

**Table 2 – RCRA TOXICITY CHARACTERISTICS**

Waste Characteristic	Regulatory Level	Value	Exceeds Regulatory Level?	
			Yes	No
D001: Ignitability	Liquids with a flash point below 140° F or 60°C			
D002: Corrosivity	Liquids with a pH below 2 and above 12.5			
D003: Reactivity	Liquids that are chemically unstable and readily undergo violent change are susceptible to detonation, react violently with water, or emit toxic fumes. Reactive sulfide above 500 ppm; reactive cyanide above 250 ppm			



Toxicity Characteristic Leachate Procedure or TCLP:

**TABLE 3**

**Maximum Concentration of Contaminants for the Toxicity Characteristic**

EPA HW No. {1}	Contaminant	CAS No. {2}	Regulatory Level (mg/L)	Value (mg/L)	Exceeds Regulatory Level?	
					Yes	No
D004	Arsenic	7440-38-2	5.0			
D005	Barium	7440-39-3	100.0			
D006	Cadmium	7440-43-9	1.0			
D007	Chromium	7440-47-3	5.0			
D008	Lead	7439-92-1	5.0			
D009	Mercury	7439-97-6	0.2			
D010	Selenium	7782-49-2	1.0			
D011	Silver	7440-22-4	5.0			
D012	Endrin	72-20-8	0.02			
D013	Lindane	58-89-9	0.4			
D014	Methoxychlor	72-43-5	10.0			
D015	Toxaphene	8001-35-2	0.5			
D016	2,4-D	94-75-7	10.0			
D017	2,4,5-TP (Silvex)	93-72-1	1.0			
D018	Bezene	71-43-2	0.5			
D019	Carbon tetrachloride	56-23-5	0.5			
D020	Chlordane	57-74-9	0.03			
D021	Chlorobenzene	108-90-7	100.0			
D022	Chloroform	67-66-3	6.0			
D023	o-Cresol	95-48-7	{4} 200.0			
D024	m-Cresol	108-39-4	{4} 200.0			
D025	p-Cresol	106-44-5	{4} 200.0			
D026	Cresol		{4} 200.0			
D027	1,4-Dichlorobezene	106-46-7	7.5			
D028	1,2-Dichloroethane	107-06-2	0.5			
D029	1,1-Dichloroethylene	75-35-4	0.7			
D030	2,4-Dinitrotoluene	121-14-2	{3} 0.13			
D031	Heptachlor (and its epoxide)	76-44-8	0.008			
D032	Hexachlorobezene	118-74-1	{3} 0.13			
D033	Hexachlorobutadiene	87-86-3	0.5			
D034	Hexachloroethane	67-72-1	3.0			
D035	Methyl ethyl ketone	78-93-3	200.0			
D036	Nitrobezene	98-95-3	2.0			
D037	Pentachlorophenol	87-86-5	100.0			
D038	Pyridine	110-86-1	{3} 5.0			

**Table 3 (cont.)**

**Maximum Concentration of Contaminants for the Toxicity Characteristics (cont.)**

EPA HW No. {1}	Contaminant	CAS No. {2}	Regulatory Level (mg/L)	Value (mg/L)	Exceeds Regulatory Level?	
					Yes	No
D039	Tetrachloroethylene	127-18-4	0.7			
D040	Trichloroethylene	79-01-6	0.5			
D041	2,4,5-Trichlorophenol	95-95-4	400.0			
D042	2,4,6-Trichlorophenol	88-06-2	2.0			
D043	Vinyl chloride	75-01-4	0.2			

{1} Hazardous waste number.
{2} Chemical abstracts service number.
{3} Quantitation limit is greater than the calculated regulatory level. The quantitation limit therefore becomes the regulatory level
{4} If o-, m- and p-Cresol concentrations cannot be differentiated, the total cresol (D026) concentration is used. The regulatory level of total cresol is 200 mg/l.
[55FR 11862, Mar 29, 1990, as amended at 55 FR 22684, June 1, 1990; 55 FR 26987; 58 FR 46049, Aug 31, 1993

**NOTE: VERBAL COMMUNICATION**

Verbal communication by the applicant shall not be accepted and no representative, agent or employee of PVSC is authorized to accept any verbal communication from the applicant to vary, alter or modify the terms of this application. Similarly, no representative, agent, or employee of PVSC has been authorized to make any representations or to vary, alter or modify the terms hereof. No additions, changes or modifications, renewals or extensions hereof, shall be binding unless reduced to writing and signed by the applicant and PVSC.

**CERTIFICATION:**

I certify under penalty of law that this document and 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.

I further certify that:

The analytical data presented herein or attached hereto were derived from testing a representative sample of the Liquid Waste collected in accordance with 40 CFR 261.20 (c) or equivalent rules

The Liquid Waste is not a "hazardous waste" as defined by Federal regulation and/or State regulation

The Liquid Waste meets all applicable Federal categorical pretreatment standards

The Liquid Waste does not contain regulated radioactive materials or regulated concentrations of PCBs

All relevant information about the Liquid Waste regarding known or suspected hazards in the possession of the Generator has been disclosed

If any changes occur in the character of the Liquid Waste, the Generator shall notify PVSC in writing prior to providing the material for disposal

If the applicant is a corporation, a corporate resolution is attached granting me the authority to sign the application on behalf of the corporation.

Name of signing official: \_\_\_\_\_  
PRINT

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE

\* APPLICATION MUST BE SIGNED BY ONE OF THE FOLLOWING:

- a. Principal Officer of Corporation
- b. President or Owner of Company
- c. General Partner if a Partnership
- d. Plant Manager or Authorized Representative