



Eastern Idaho Regional Sewer District

SIGNIFICANT INDUSTRIAL USER (SIU) Application for Connection Permit

A wastewater discharge permit is required by the Eastern Idaho Regional Sewer District (EIRSD) sewer ordinance. The ordinance stipulates that an user shall submit an Application for Connection Permit and provide sufficient information concerning the nature, concentration, and quantity of his waste or such other information as may be reasonably necessary for the District Manager to assure compliance with the ordinance. Upon receipt of this application, the District Manager shall review the same and, if necessary, inspect the property and facilities of the applicant to determine if said facilities comply with the provisions of the ordinance. Upon making such determination, the District Manager shall forthwith issue a permit to the applicant authorizing discharge of waste to the public sewer.

The discharge limits of this permit may be revised at any time as necessary to ensure compliance with State or Federal regulations or limits.

Printed Name of Applicant: _____

Signature of Applicant: _____

Date of Application: _____

This permit shall become effective _____

This permit shall expire _____

Permit must be renewed every 5 years.

Permittee shall reapply on or before 180 days before this permit expires.

If the applicant has not begun discharging within 1 year from the approval signature date of the Authorized Representative of EIRSD, this permit shall expire.

Identifying Information:

Legal Name of User Entity: (Individual, Corporation, etc.)	_____	(Name)	
Address of Facility: (mailing address)	_____	(Street Address)	
	_____	(City, State, Zip)	
	Phone: () -		
Email: _____	@		
Address of User Entity: (mailing address)	_____	(Street Address)	
	_____	(City, State, Zip)	
Name of Owner(s):	Owner 1.	_____	(First, Middle, Last)
	Owner 2.	_____	(First, Middle, Last)
	Owner 3.	_____	(First, Middle, Last)
Name of Operator:	_____	(First, Middle, Last)	
	Phone: () -		

Permits: List of environmental permits held by the facility

(Provide a copy of each permit held as an appendix to the application)

1.
2.
3.
4.

Description of Operations:

Description of Operation:		
Standard Industrial Classification (SIC) Code:		
	Product:	Product:
Average Daily Rate of Production:		
Maximum Daily Rate of Production:		
Number of Employees:		
Hours of Operation:		
	Average/Maximum Day	Average/Maximum Day
Raw Materials Used:	1.	1.
	2.	2.
	3.	3.
	4.	4.
	5.	5.
	6.	6.
	7.	7.
	8.	8.
	9.	9.
Chemicals Used/Stored:	1.	1.
	2.	2.
	3.	3.
	4.	4.
	5.	5.
	6.	6.
	7.	7.
	8.	8.
	9.	9.
Time of Discharge:		
Flow (gpd)		
Biological Oxygen Demand (BOD) (ppd)		
Total Suspended Solids (TSS) (ppd)		

Provide additional sheets as required

Computation of Equivalent Residential Units (ERUs):

Use the average daily values for the maximum month in the past 12 months to calculate the ERUs based on each of the parameters listed. See EIRSD Sewer Ordinance, Section 14.4, for more details.

Parameter	Max Month Avg Daily Value	ERU Value	Calculated ERUs = [gpd]/[ERU value]
Flow	gpd	218 gpd/ERU	
	mgd		
	Max Month Avg Daily Value	ERU Value	Calculated ERUs = [[mgd]x[ppm]x8.342]/[ERU value]
BOD	ppm	0.636 ppd/ERU	
TSS	ppm	0.636 ppd/ERU	
TP	ppm	0.013 ppd/ERU	
TKN	ppm	0.091 ppd/ERU	
Ammonia	ppm	0.055 ppd/ERU	

Where:

BOD – Biological Oxygen Demand

TSS – Total Suspended Solids

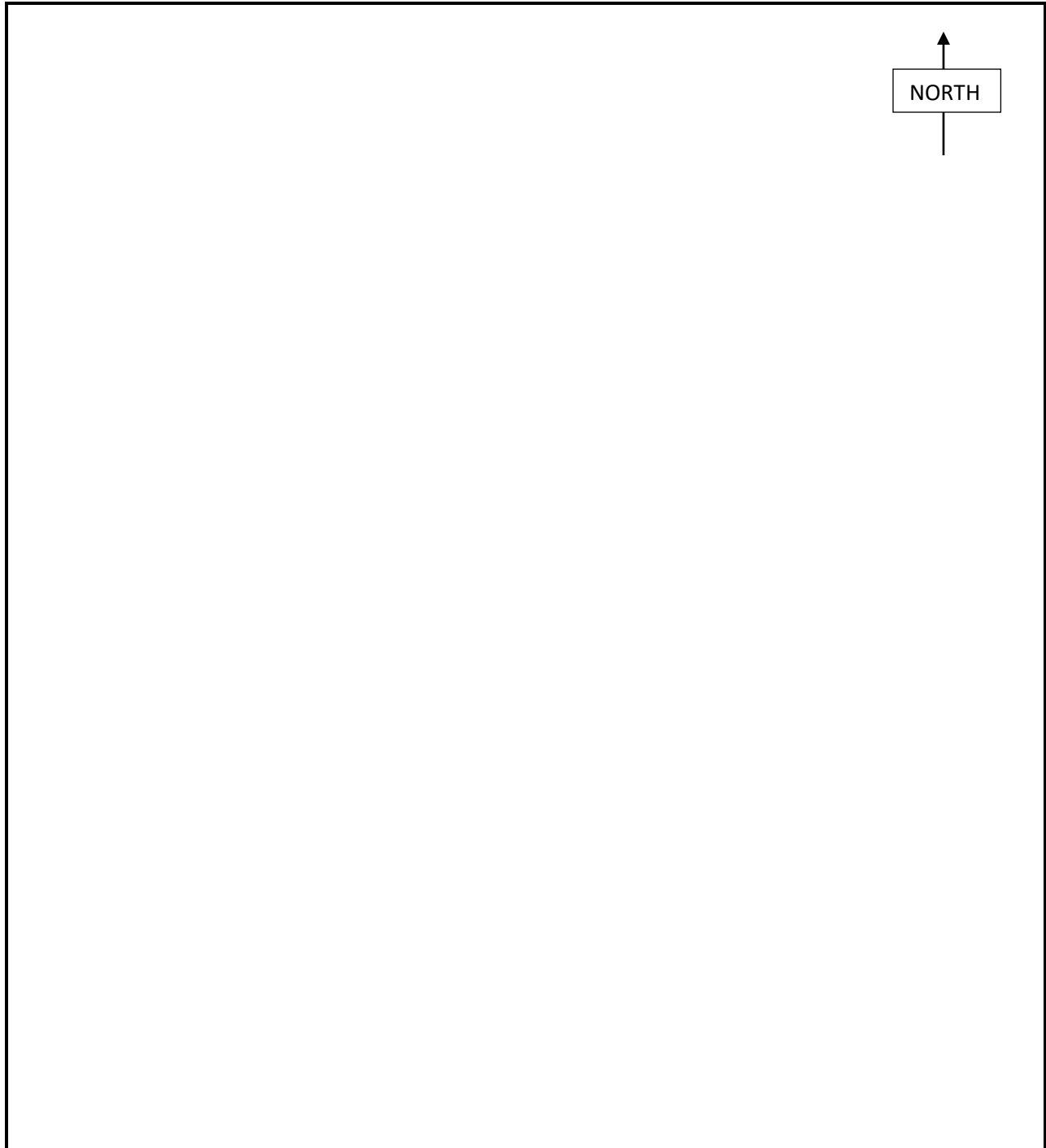
TP – Total Phosphorus

TKN – Total Kjeldahl Nitrogen

Enter the highest number of ERU's calculated above for listed parameters = _____ ERUs

Schematic/Process Diagram:

Provide a schematic or process diagram which indicates points of discharge to the POTW from the regulated or manufacturing processes. Provide site plans, floor plans, mechanical and plumbing plans, and details to show all sewers, sewer connections, inspection manholes, sampling chambers, and appurtenances by size, location, and elevation.



Provide additional sheets as required or attach diagrams and schematics as an appendix and so indicate.

Flow Measurement:

1) Categorical User: Submit information showing the measured average daily and maximum daily flow, in gallons per day, to the POTW from each of the following:

a. Regulated or manufacturing process streams

Product? Process Stream	Average Daily Flow (gallons/day)	Maximum Daily Flow (gallons/day)
1.		
2.		
3.		
4.		
5.		

b. Other streams as necessary to allow use of the combined wastestream formula of 40 CFR 403.6(e)

Product? Process Stream	Average Daily Flow (gallons/day)	Maximum Daily Flow (gallons/day)
1.		
2.		
3.		
4.		
5.		

2) Non-Categorical User: The User shall submit information showing the measured average daily and maximum daily flow, in gallons per day, to the POTW from each of the following:

a. Total process flow, wastewater treatment plant flow, total plant flow, or individual manufacturing process flow as required by the District Manager

Product? Process Stream	Average Daily Flow (gallons/day)	Maximum Daily Flow (gallons/day)
Total Process Flow		
Wastewater Treatment Plant Flow		
3.		
4.		
5.		

Measurement of Pollutants:

1) Categorical User:

- a. The User shall identify the applicable pretreatment standards for each regulated or manufactured process.

Pretreatment Standard	Regulated/Manufacturing Process	Regulated/Manufacturing Process
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Provide additional sheets as required

- b. The permittee shall submit the results of sampling and analysis identifying the nature and concentration (or mass where required) of regulated pollutants identified in EIRSD’s Sewer Ordinance, as appropriate in the discharge. Both daily maximum and average concentration (or mass, where required) shall be reported. The sample shall be representative of daily operations and shall conform to sampling and analytical procedures outlined in EIRSD’s Sewer Ordinance.
- c. The User shall take a minimum of one representative sample to compile that data necessary to comply with the requirements of this paragraph.
- d. Where an alternate concentration or mass limit has been calculated in accordance with 40 C.F.R. 403.6(e) for a categorical User covered by a categorical pretreatment standard, this adjusted limit along with supporting data shall be submitted as part of the application.

	Regulated/Manufacturing Process		Regulated/Manufacturing Process	
	1.	2.	1.	2.
	Average Daily	Maximum Daily	Average Daily	Maximum Daily
Categorical Pretreatment Standards				
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				

Local Limits				
BOD ₅ (mg/l)				
TSS (mg/l)				
PH				
Temperature (°C)				
Color				
Turbidity (NTU)				
Arsenic (mg/l)				
Cadmium (mg/l)				
Chromium (mg/l)				
Copper (mg/l)				
Cyanide (mg/l)				
Lead (mg/l)				
Mercury (mg/l)				
Nickel (mg/l)				
Oil and grease (petroleum based or mineral oil) (mg/l)				
Oil and grease (animal and vegetable based) (mg/l)				
Silver (mg/l)				
Stoddard solvent (mg/l)				
1,1,1- trichlorethylene (mg/l)				
Zinc (mg/l)				

Where a User is subject to a categorical pretreatment standard and a local limit for a given pollutant, the more stringent limit or applicable pretreatment standard shall apply.

2) Non-Categorical User:

- a. The User shall identify the applicable pretreatment standards for its wastewater discharge.

Pretreatment Standard	Product/Process Discharge	Product/Process Discharge
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Provide additional sheets as required

- b. The permittee shall submit the results of sampling and analysis identifying the nature and concentration (or mass where required) of regulated pollutants identified in EIRSD’s Sewer Ordinance, as appropriate in the discharge. Both daily maximum and average concentration (or mass, where required) shall be reported. The sample shall be representative of daily operations and shall conform to sampling and analytical procedures outlined in EIRSD’s Sewer Ordinance.
- c. The User shall take a minimum of one representative sample to compile the data necessary to comply with the requirements of this paragraph.
- d. Where the District Manager developed alternate concentrations or mass limits because of dilution, this adjusted limit, along with supporting data, shall be submitted as part of the application.

	Product/Process Discharge		Product/Process Discharge	
	1.		2.	
	Average Daily	Maximum Daily	Average Daily	Maximum Daily
Local Limits				
BOD ₅ (mg/l)				
TSS (mg/l)				
PH				
Temperature (°C)				
Color				
Turbidity (NTU)				
Arsenic (mg/l)				
Cadmium (mg/l)				
Chromium (mg/l)				
Copper (mg/l)				
Cyanide (mg/l)				
Lead (mg/l)				
Mercury (mg/l)				
Nickel (mg/l)				
Oil and grease (petroleum based or mineral oil) (mg/l)				
Oil and grease (animal and vegetable based) (mg/l)				
Silver (mg/l)				
Stoddard solvent (mg/l)				
1,1,1-trichlorethylene (mg/l)				
Zinc (mg/l)				

Compliance Schedule:

The permittee shall comply with EIRSD's adopted ordinances, bylaws, policies, and standards, copies of which can be obtained from EIRSD's District Manager or at www.eirsd.org. This includes construction of the service connection(s) in accordance with EIRSD's Design and Standards Manual.

If additional pretreatment or operation and maintenance will be required to meet the applicable pretreatment standards, the User shall submit a Compliance Schedule indicating the shortest schedule by which the User will provide such additional pretreatment and/or operation and maintenance. The completion date in this schedule shall not be later than the compliance date established pursuant to the provisions of EIRSD's Sewer Ordinance.

Pretreatment Standard	Operation & Maintenance	Compliance Schedule
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		

- 1) Where the User's categorical pretreatment standard has been modified by removal allowance (40 CFR 403.7), the combined wastestream formula (40 CFR 403.6(3)), or a Fundamentally Different Factors variance (40 CFR 493.13) at the time the User submits the report required by this paragraph, the information required under Certification and Compliance Schedule of this application shall pertain to the modified limits.
- 2) If the categorical pretreatment standard is modified by a removal allowance (40 CFR 403.7), the combined wastestream formula (40 CFR 403.6(e)) and/or a Fundamentally Different Factors variance (40 CFR 403.13), after the User submits the report required under Certification and Compliance Schedule of this application, shall be submitted by the User within 60 days after the modified limit is approved.

Certification:

Sign the following statement signifying the application is reviewed by an authorized representative of the User and certified by a qualified professional, indicating whether the applicable pretreatment standards are being met on a consistent basis, and if not, whether additional operation and maintenance or additional pretreatment is required for the User to meet the applicable pretreatment standards and requirements.

“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.”

(Name)

(Signature)

(Title)

STATE OF IDAHO)

: ss.

County of _____)

On this ____ day of _____, 20____, before me the undersigned, a Notary Public for the State of Idaho, personally appeared _____, known to me to be the person(s) whose name(s) is / are subscribed to the within instrument and acknowledged to me that they executed the same and that they had authority to exercise such authority.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

Residing at:

My commission expires:

APPENDIX A

ENVIRONMENTAL PERMITS