

**FACT SHEET AND STATEMENT OF BASIS
THE CITY OF WELLSVILLE WATER RECLAMATION FACILITY
REWAL PERMIT: DISCHARGE & REUSE
UPDES PERMIT NUMBER: UT0020371
MINOR MUNICIPAL**

FACILITY CONTACTS

Person Name: Scott Wells
Position: City Manager
Phone Number: (435) 245-7958

Person Name: Tom Maughan
Position: Sewer Manager
Phone Number: (435) 245-3686

Facility Name: City of Wellsville WWRF
Mailing and Facility Address: 75 East Main, PO Box 6
Wellsville, UT 84339
Telephone: (435) 245-3686

Actual Address: The lagoons are located 1.61 miles northeast of downtown

DESCRIPTION OF FACILITY

This facility was placed into operation in 1974 with a design flow of 0.68 MGD and a design population equivalent of 3670. The City of Wellsville Water Reclamation Facility (WWRF) is a four cell facultative lagoon system of 56.6 acres in size. The first cell is 15.6 acres, the second cell is 20.1 acres, the third cell is 11.2 acres and the fourth cell is 9.6 acres. WWRF installed 75 Bio-Domes in the 3rd cell of the lagoons to enhance the removal of nutrients from the effluent. The installation of this system does not increase the capacity of the facility; they improve the treatment results for nutrients such as nitrogen and phosphorus. Ultraviolet disinfection is used after the final cell before discharging to the Little Bear River. This UV unit is capable of treating up to 800,000 gallons per day with space for additional lights if necessary. The lagoon cells have an average depth of six feet. Influent flow is measured by a 9 inch Parshall flume and a Greyline OCF III open channel flow meter. Effluent flow is measured by a 24 inch extended weir and a Greyline OCF III open channel flow monitor.

The headwork's building is equipped with room for a blower system for aeration. The last cell of the lagoon has an active spring discharging into it. The exact flow is uncertain. However, it does not appear to be large enough to cause flow measurement problems and historically has not been a problem for the City. WWRF has acquired and modified land for use in Land Application. The addition of the land application is to reduce the nutrient loading on the receiving water. WWRF has installed an irrigation system to grow crops on 16 acres of city property.

WWRF has a phosphorus (P) limitations in their UPDES permit, due to the TMDL impairment of P into the Little Bear River. The permit allows the city to discharge 159 lbs of P during the critical warmer months of June, July, August and September, and 794 lbs of P during the other months of the year, for a total of 953 lbs a year.

SUMMARY OF CHANGES FROM PREVIOUS PERMIT

Facility Updates

WWRF began construction in October 2018 on a screen building to reduce the solid loading in the primary pond. The future belt screen will be before the Parshall flume and the 1st cell of the lagoons and construction is anticipated to be complete in July 2019.

Reuse

The facility recently had an additional land disposal project approved, where they will use treated effluent from the WWRF on 52.19 acres of their own property to grow crops (alfalfa, barley, corn) that will not be used for human consumption. It is considered Type II reuse (human exposure unlikely). WWRF was approved for a variance to the required 300 foot setback to potable water wells listed in R317-11.5.D by the DWQ on October 29, 2018. The land application, at a minimum, must be at least 100 feet away from any potable water well. The variance was based on the results of a 2012 soils investigation. The land application project will allow WWRF to substantially reduce the amount of phosphorus discharged to the Little Bear River.

WWRF's renewal permit includes effluent disposal requirements per R317-3-11, as well as, effluent monitoring requirements for Type II reuse as per R317-3-11.5.C. The monitoring requirements in the permit represent the minimum required by rule. The decision to reduce the monitoring requirements for the reuse to the minimum was based in part on the frequency of the land application and the crops irrigated by the land application will not be used for human consumption. A summary of the monitoring for the reuse outfall 001R is represented below.

Type II Reuse Outfall 001R Self-Monitoring and Reporting Requirements ¹			
Parameter	Frequency	Sample Type	Units
Total Flow ^{2,3}	Continuous	Recorder	MGD
BOD ₅	Monthly	Grab	mg/L
TSS	Weekly	Grab	mg/L
<i>E. coli</i>	Weekly	Grab	No./100mL
pH	Weekly	Grab	SU

TBPEL Rule

Water Quality adopted UAC R317-1-3.3, Technology-Based Phosphorus Effluent Limit (TBPEL) Rule in 2014. No TBPEL will be instituted for discharging treatment lagoons. Instead, each discharging lagoon will be evaluated to determine the current annual average total phosphorus load measured in pounds per year based on monthly average flow rates and concentrations. Absent field data to determine these loads, and in case of intermittent discharging lagoons, the phosphorus load cap will be estimated by the Director.

The City of Wellsville requested a variance to the TBEL Rule on the basis of an existing TMDL on the Little Bear River. The variance was granted and the existing cap of 953 lbs/year (159 lbs in the summer) will remain in the UPDES permit. In addition to reporting Total Phosphorus monitoring in lbs/month, WWRF will be required to report Total Phosphorous in mg/L monthly.

The TBPEL discharging treatment works are required to implement, at a minimum, monthly monitoring of the following beginning July 1, 2015:

- R317-1-3.3, E, 1, a. Influent for total phosphorus (as P) and total Kjeldahl nitrogen (as N) concentrations;
- R317-1-3.3, E, 1, b. Effluent for total phosphorus and orthophosphate (as P), ammonia, nitrate-nitrite and total Kjeldahl nitrogen (an N);

In R317-1-3.3, E, 3 the rule states that all monitoring shall be based on 24-hour composite samples by use of an automatic sampler or a minimum of four grab samples collected a minimum of two hours apart.

The City of Wellsville requested a variance to the monitoring required by R317-1-3.3, E, 1, a & b. WWRF was granted the variance by DWQ on September 4, 2015 and will continue to monitor Ammonia (as N) and Total Phosphorous (as P) in their effluent.

Reasonable Potential Analysis

Since January 1, 2016, DWQ has conducted reasonable potential analysis (RP) on all new and renewal applications received after that date. RP for this permit renewal was not conducted following DWQ's September 10, 2015 Reasonable Potential Analysis Guidance (RP Guidance) because there is inadequate data for use in a RP. As a result, monitoring for metals will be included in this permit. The additional monitoring will help establish a record of presence or absence of each pollutant. Monitoring for metals will be required once during the third year of the permit cycle.

DISCHARGE

DESCRIPTION OF DISCHARGE

WWRF has been reporting self-monitoring results on Discharge Monitoring Reports on a monthly basis. WWRF has one discharge point into Little Bear River and they additionally perform land application onsite.

Outfall Number

001

001R

Location of Discharge Outfall

Discharge from the disinfection building on the North side of the 4th cell to the Little Bear River. Latitude 41°39'38" and Longitude 111° 54'82".

Description of Area for Use

Type II Effluent Reuse is land applied during the growing season, pumped into gravity flow pipes where it can be irrigated onto the fields to the West of the Lagoons onsite. 41°39' 34" and Longitude 111° 55' 24".

RECEIVING WATERS AND STREAM CLASSIFICATION

If a discharge were to occur, it would discharge into Little Bear River, which is classified as 2B, 3A, 3D and 4 according to *Utah Administrative Code (UAC) R317-2-13*:

- Class 2B -- Protected for infrequent primary contact recreation. Also protected for secondary contact recreation where there is a low likelihood of ingestion of water or a low degree of bodily contact with the water. Examples include, but are not limited to, wading, hunting, and fishing.

- Class 3A -- Protected for cold water species of game fish and other cold water aquatic life, including the necessary aquatic organisms in their food chain.

- Class 3D -- Protected for waterfowl, shore birds and other water-oriented wildlife not included in Classes 3A, 3B, or 3C, including the necessary aquatic organisms in their food chain.

- Class 4 -- Protected for agricultural uses including irrigation of crops and stock watering.
 Beneficial Uses -- Protected for infrequent primary and secondary contact recreation, waterfowl, shore birds and other water-oriented wildlife including their necessary food chain.

BASIS FOR EFFLUENT LIMITATIONS

Limitations on total suspended solids (TSS), biochemical oxygen demand (BOD₅), *E. coli*, pH and percent removal for BOD₅ and TSS are based on current Utah Secondary Treatment Standards, UAC R317-1-3.2. The dissolved oxygen (D.O.) and ammonia (NH₃) limitations were derived from the Wasteload Analysis (WLA). Phosphorus limitations were derived from the Little Bear River TMDL. The WLA for this discharge into the Little Bear River is attached. It has been determined that this discharge will not cause a violation of water quality standards. An Antidegradation Level II review is not required since the Level I review shows that water quality impacts are minimal. The permittee is expected to be able to comply with these limitations. The permit limitations are:

Parameter	Effluent Limitations ¹				
	Maximum Monthly Avg	Maximum Weekly Avg	Yearly Average	Daily Minimum	Daily Maximum
Total Flow	0.683	--	--	--	--
BOD ₅ , mg/L	25	35	--	--	--
BOD ₅ Min. % Removal	85	--	--	--	--
TSS, mg/L	25	35	--	--	--
TSS Min. % Removal	85	--	--	--	--
Dissolved Oxygen, mg/L	--	--	--	5.0	--
Total Ammonia (as N), mg/L					
Summer (Jul-Sep)	10.28	--	--	--	28.7
Fall (Oct-Dec)	14.5	--	--	--	22.0
Winter (Jan-Mar)	22.7	--	--	--	37.0
Spring (Apr-Jun)	12.5	--	--	--	22.0
<i>E. coli</i> , No./100mL	126	158	--	--	--
pH, Standard Units	--	--	--	6.5	9

Parameter	Effluent Limitations ¹
Total Phosphorus, lbs/season	
Warmer Months, June-September ⁶	72 kilograms (159 lbs).
Annual, January-December ⁷	432 kilograms (953 lbs).

The permit limitations for Outfall (001R) (Reuse) are:

Parameter	Type II Reuse Outfall 001R Effluent Limitations ¹			
	Max Monthly Average	Max Weekly Median	Minimum	Maximum
BOD ₅ , mg/L	25	--	--	--
TSS, mg/L	25	35	--	--
<i>E. coli</i> , No/100mL	--	126	--	500
pH, Standard Units	--	--	6.0	9.0

SELF-MONITORING AND REPORTING REQUIREMENTS

The following self-monitoring requirements have changed in regards to *E. coli*, metals, and reuse. *E. coli* was previously not required to be monitored based on the previous permit, but records indicate WWRF was monitoring and reporting *E. coli* results. A requirement to monitor *E. coli* at the same frequency as the other parameters (monthly) has been added. A requirement to conduct a 1 time sampling event for presence/absence of metals has been added to the permit for the 3rd year of the permit cycle. Lastly, monitoring has been added for the reuse. Monitoring for type II reuse is required as per R317-3-11.5C.

The permit will require reports to be submitted monthly and annually, as applicable, on Discharge Monitoring Report (DMR) forms due 28 days after the end of the monitoring period. Effective January 1, 2017, monitoring results must be submitted using NetDMR unless the permittee has successfully petitioned for an exception. Lab sheets for biomonitoring must be attached to the biomonitoring DMR. Lab sheets for metals and toxic organics must be attached to the DMRs.

Self-Monitoring and Reporting Requirements			
Parameter	Frequency	Sample Type	Units
Total Flow ^{2,3}	Continuous	Recorder	MGD
BOD ₅ , Influent ⁴	Monthly	Composite	mg/L
Effluent	Monthly	Composite	mg/L
TSS, Influent ⁴	Monthly	Composite	mg/L
Effluent	Monthly	Composite	mg/L
TSS, % Removal	Monthly	Grab	mg/L
<i>E. coli</i>	Monthly	Grab	No./100mL
pH	Monthly	Grab	SU
Total Ammonia (as N)	Monthly	Grab	mg/L
DO	Monthly	Grab	mg/L
Phosphorus, Total			
Influent	Monthly	Composite	mg/L
Effluent	Monthly	Composite	mg/L
Metals			
Influent	1 X 1 st year of permit cycle	Grab/Composite	mg/L
Effluent	1 X 1 st year of permit cycle	Grab/Composite	mg/L

Metals to be Monitored for RP		
Parameter	Sample Type	Units
Total Arsenic	Composite	mg/L
Total Cadmium	Composite	mg/L

Total Chromium	Composite	mg/L
Total Copper	Composite	mg/L
Total Cyanide	Grab	mg/L
Total Lead	Composite	mg/L
Total Mercury	Grab/Composite	mg/L
Total Nickel	Composite	mg/L
Total Selenium	Composite	mg/L
Total Silver	Composite	mg/L
Total Zinc	Composite	mg/L

The following is a summary of the Type II reuse self-monitoring and reporting requirements.

Type II Reuse Outfall 001R Self-Monitoring and Reporting Requirements ¹			
Parameter	Frequency	Sample Type	Units
Total Flow ^{2,3}	Continuous	Recorder	MGD
BOD ₅	Monthly	Grab	mg/L
TSS	Weekly	Grab	mg/L
<i>E. coli</i>	Weekly	Grab	No./100mL
pH	Weekly	Grab	SU

- 1 See Definitions, *Part VIII*, for definition of terms.
- 2 Flow measurements of influent/effluent volume shall be made in such a manner that the permittee can affirmatively demonstrate that representative values are being obtained.
- 3 If the rate of discharge is controlled, the rate and duration of discharge shall be reported.
- 4 In addition to monitoring the final discharge, influent samples shall be taken and analyzed for this constituent at the same frequency as required for this constituent in the discharge.
- 5 Reuse monitoring results obtained during the previous month for reuse discharges shall be summarized for each month and reported on a Monthly Operational Report, post-marked no later than the 28th day of the month following the completed reporting period.

Management Practices for Land Application of Treated Effluent:

- (1) The application of treated effluent to frozen, ice-covered, or snow covered land is prohibited.
- (2) No person shall apply treated effluent where the slope of the site exceeds 6 percent.
- (3) The use should not result in a surface water runoff.
- (4) The use must not result in the creation of an unhealthy or nuisance condition, as determined by the local health department.
- (5) Any irrigation with treated effluent must be at least 300 feet from a potable well.
- (6) For Type II reuse, any irrigation must be at least 300 feet from any potable water well.
- (7) For Type II reuse, spray irrigation must be at least 100 feet from areas intended for public access. This distance may be reduced or increased by the Director.
- (8) Impoundments of treated effluent, if not sealed, must be at least 500 feet from any potable well.
- (9) Public access to effluent storage and irrigation or disposal sites shall be restricted by a stock-tight fence or other comparable means which shall be posted and controlled to exclude the public (Compliance Schedule for a Particular Parameter if necessary)

BIOSOLIDS

The State of Utah has adopted the 40 CFR 503 federal regulations for the disposal of sewage sludge (biosolids) by reference. However, since this facility is a lagoon, there is not any regular sludge production. Therefore 40 CFR 503 does not apply at this time. In the future, if the sludge needs to be removed from the lagoons and is disposed in some way, the Division of Water Quality must be contacted prior to the removal of the sludge to ensure that all applicable state and federal regulations are met.

STORM WATER

STORMWATER REQUIREMENTS

Storm water provisions are included in this combined UPDES permit.

The storm water requirements are based on the UPDES Multi-Sector General Permit for Storm Water Discharges Associated with Industrial Activity, General Permit No. UTR000000 (MSGP). All sections of the MSGP that pertain to discharges from wastewater treatment plants have been included and sections which are redundant or do not pertain have been deleted.

The permit requires the preparation and implementation of a storm water pollution prevention plan for all areas within the confines of the plant. Elements of this plan are required to include:

1. The development of a pollution prevention team,
2. Development of drainage maps and materials stockpiles,
3. An inventory of exposed materials,
4. Spill reporting and response procedures,
5. A preventative maintenance program,
6. Employee training,

7. Certification that storm water discharges are not mixed with non-storm water discharges,
8. Compliance site evaluations and potential pollutant source identification, and
9. Visual examinations of storm water discharges.

PRETREATMENT REQUIREMENTS

The permittee has not been designated for pretreatment program development because it does not meet conditions which necessitate a full program. The flow through the plant is less than five (5) MGD, there are no categorical industries discharging to the treatment facility, and there is no indication of pass through or interference with the operation of the treatment facility such as upsets or violations of the POTW's UPDES permit limits.

Although the permittee does not have to develop an approved pretreatment program, any wastewater discharges to the sanitary sewer from industrial users are subject to Federal, State and local regulations. Pursuant to Section 307 of the Clean Water Act, the permittee shall comply with all applicable Federal General Pretreatment Regulations promulgated, found in 40 CFR 403 and the State Pretreatment Requirements found in UAC R317-8-8.

An industrial waste survey (IWS) is required of the permittee as stated in Part II of the permit. The IWS is to assess the needs of the permittee regarding pretreatment assistance. The IWS is required to be submitted within sixty (60) days after the issuance of the permit. If an industrial user begins to discharge or an existing industrial user changes their discharge the permittee must resubmit an IWS no later than sixty days following the introduction or change as stated in Part II of the permit.

Due to the facility's design capacity being less than one MGD sampling for pretreatment requirements will not be required at this time. If the facility determines local limits are needed sampling will be needed at a frequency necessary to determine headworks loadings for the parameter(s) of concern. It is required that the permittee submit for review any local limits that are developed to the Division of Water Quality for review. If local limits are developed it is required that the permittee perform an annual evaluation of the need to revise or develop technically based local limits for pollutants of concern, to implement the general and specific prohibitions *40 CFR, Part 403.5(a)* and *Part 403.5(b)*. This evaluation may indicate that present local limits are sufficiently protective, need to be revised or should be developed.

BIOMONITORING REQUIREMENTS

A nationwide effort to control toxic discharges where effluent toxicity is an existing or potential concern is regulated in accordance with the Utah Pollutant Discharge Elimination System Permit and Enforcement Guidance Document for Whole Effluent Toxicity Control (biomonitoring) dated February 2018. Authority to require effluent biomonitoring is provided in Permit Conditions, UAC R317-8-4.2, Permit Provisions, UAC R317-8-5.3 and Water Quality Standards, UAC R317-2-5 and R317 -2-7.2.

The permittee is a minor municipal facility that will be discharging an infrequent amount of effluent, in which toxicity is neither an existing concern, nor likely to be present. Based on these considerations and the absence of receiving stream water quality monitoring data, there is no reasonable potential for toxicity in the permittee's discharge (per State of Utah Permitting and Enforcement Guidance Document for WET Control). As such, there will be no numerical WET limitations or WET monitoring requirements in this permit. However, the permit will contain a toxicity limitation re-opener provision that allows for modification of the permit should additional information indicate the presence of toxicity in the discharge.

PERMIT DURATION

It is recommended that this permit be effective for a duration of five (5) years.

Drafted by
Leanna Littler, Discharge
Daniel Griffin, Biosolids
Jennifer Robinson, Pretreatment
Lonnie Shull, Biomonitoring
Michael George, Storm Water
Dave Wham, Wasteload Analysis
Mike Allred, TMDL
Utah Division of Water Quality, (801) 536-4300

PUBLIC NOTICE

Began: Month Day, Year
Ended: Month Day, Year

Comments will be received at: 195 North 1950 West
PO Box 144870
Salt Lake City, UT 84114-4870

The Public Noticed of the draft permit was published in the (NEWSPAPER OF RECORD FOR AREA).

During the public comment period provided under R317-8-6.5, any interested person may submit written comments on the draft permit and may request a public hearing, if no hearing has already been scheduled. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. All comments will be considered in making the final decision and shall be answered as provided in R317-8-6.12.

ADDENDUM TO FSSOB

During finalization of the Permit certain dates, spelling edits and minor language corrections were completed. Due to the nature of these changes they were not considered Major and the permit is not required to be re Public Noticed.

Responsiveness Summary

(Explain any comments received and response sent. Actual letters can be referenced, but not required to be included).

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ATTACHMENT 1

Industrial Waste Survey

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Industrial Pretreatment Wastewater Survey



Do you periodically experience any of the following treatment works problems:

- foam, floaties or unusual colors
- plugged collection lines caused by grease, sand, flour, etc.
- discharging excessive suspended solids, even in the winter
- smells unusually bad
- waste treatment facility doesn't seem to be treating the waste right

Perhaps the solution to a problem like one of these may lie in investigating the types and amounts of wastewater entering the sewer system from industrial users.

An industrial user (IU) is defined as a non-domestic user discharging to the waste treatment facility which meets any of the following criteria:

1. **has a lot of process wastewater (5% of the flow at the waste treatment facility or more than 25,000 gallons per work day.)**

Examples: Food processor, dairy, slaughterhouse, industrial laundry.

2. **is subject to Federal Categorical Pretreatment Standards;**

Examples: metal plating, cleaning or coating of metals, bluing of metals, aluminum extruding, circuit board manufacturing, tanning animal skins, pesticide formulating or packaging, and pharmaceutical manufacturing or packaging,

3. **is a concern to the POTW.**

Examples: septage hauler, restaurant and food service, car wash, hospital, photo lab, carpet cleaner, commercial laundry.

All users of the water treatment facility are **prohibited** from making the following types of discharges:

1. A discharge which creates a fire or explosion hazard in the collection system.
2. A discharge which creates toxic gases, vapor or fumes in the collection system.
3. A discharge of solids or thick liquids which creates flow obstructions in the collection system.
4. An acidic discharge (low pH) which causes corrosive damage to the collection system.
5. Petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin in amounts that will cause problems in the collection system or at the waste treatment facility.
6. Waste haulers are prohibited from discharging without permission. (No midnight dumping!)

When the solution to a sewer system problem may be found by investigating the types and amounts of wastewater entering the sewer system discharged from IUs, it's appropriate to conduct an Industrial Waste Survey.

An Industrial Waste Survey consists of:

Step 1: Identify Industrial Users

Make a list of all the commercial and industrial sewer connections.

Sources for the list:

business license, building permits, water and wastewater billing, Chamber of Commerce, newspaper, telephone book, yellow pages.

Split the list into two groups:

domestic wastewater only--no further information needed
everyone else (IUs)

Step 2: Preliminary Inspection

Go visit each IU identified on the "everybody else" list.

Fill out the **Preliminary Inspection Form** during the site visit.

Step 3: Informing the State

Please fax or send a copy of the Preliminary inspection form (both sides) to:

Jennifer Robinson

Division of Water Quality
288 North 1460 West
PO Box 144870
Salt Lake City, UT 84114-4870

Phone: (801) 536-4383
Fax: (801) 536-4301
E-mail: jenrobinson@utah.gov

PRELIMINARY INSPECTION FORM

INSPECTION DATE ___ / ___ / _____

Name of Business _____ Person Contacted _____
Address _____ Phone Number _____

Description of Business _____

Principal product or service: _____

Raw Materials used: _____

Production process is: Batch Continuous Both

Is production subject to seasonal variation? yes no

If yes, briefly describe seasonal production cycle.

This facility generates the following types of wastes (check all that apply):

- | | |
|--|--|
| 1. <input type="checkbox"/> Domestic wastes | (Restrooms, employee showers, etc.) |
| 2. <input type="checkbox"/> Cooling water, non-contact | 3. <input type="checkbox"/> Boiler/Tower blowdown |
| 4. <input type="checkbox"/> Cooling water, contact | 5. <input type="checkbox"/> Process |
| 6. <input type="checkbox"/> Equipment/Facility wash-down | 7. <input type="checkbox"/> Air Pollution Control Unit |
| 8. <input type="checkbox"/> Storm water runoff to sewer | 9. <input type="checkbox"/> Other describe |

Wastes are discharged to (check all that apply):

- | | |
|---|---------------------------------------|
| <input type="checkbox"/> Sanitary sewer | <input type="checkbox"/> Storm sewer |
| <input type="checkbox"/> Surface water | <input type="checkbox"/> Ground water |
| <input type="checkbox"/> Waste haulers | <input type="checkbox"/> Evaporation |
| <input type="checkbox"/> Other (describe) | |

Name of waste hauler(s), if used

Is a grease trap installed? Yes No

Is it operational? Yes No

Does the business discharge a lot of process wastewater?

- More than 5% of the flow to the waste treatment facility? Yes No
- More than 25,000 gallons per work day? Yes No

Does the business do any of the following:

- | | |
|---|--|
| <input type="checkbox"/> Adhesives | <input type="checkbox"/> Car Wash |
| <input type="checkbox"/> Aluminum Forming | <input type="checkbox"/> Carpet Cleaner |
| <input type="checkbox"/> Battery Manufacturing | <input type="checkbox"/> Dairy |
| <input type="checkbox"/> Copper Forming | <input type="checkbox"/> Food Processor |
| <input type="checkbox"/> Electric & Electronic Components | <input type="checkbox"/> Hospital |
| <input type="checkbox"/> Explosives Manufacturing | <input type="checkbox"/> Laundries |
| <input type="checkbox"/> Foundries | <input type="checkbox"/> Photo Lab |
| <input type="checkbox"/> Inorganic Chemicals Mfg. or Packaging | <input type="checkbox"/> Restaurant & Food Service |
| <input type="checkbox"/> Industrial Porcelain Ceramic Manufacturing | <input type="checkbox"/> Septage Hauler |
| <input type="checkbox"/> Iron & Steel | <input type="checkbox"/> Slaughter House |
| <input type="checkbox"/> Metal Finishing, Coating or Cleaning | |
| <input type="checkbox"/> Mining | |
| <input type="checkbox"/> Nonferrous Metals Manufacturing | |
| <input type="checkbox"/> Organic Chemicals Manufacturing or Packaging | |
| <input type="checkbox"/> Paint & Ink Manufacturing | |
| <input type="checkbox"/> Pesticides Formulating or Packaging | |
| <input type="checkbox"/> Petroleum Refining | |
| <input type="checkbox"/> Pharmaceuticals Manufacturing or Packaging | |
| <input type="checkbox"/> Plastics Manufacturing | |
| <input type="checkbox"/> Rubber Manufacturing | |
| <input type="checkbox"/> Soaps & Detergents Manufacturing | |
| <input type="checkbox"/> Steam Electric Generation | |
| <input type="checkbox"/> Tanning Animal Skins | |
| <input type="checkbox"/> Textile Mills | |

Are any process changes or expansions planned during the next three years? Yes No
If yes, attach a separate sheet to this form describing the nature of planned changes or expansions.

Inspector

Waste Treatment Facility

Please send a copy of the preliminary inspection form (both sides) to:

Jennifer Robinson
Division of Water Quality
PO Box 144870
Salt Lake City, Utah 84114-4870

Phone: (801) 536-4383
Fax: (801) 536-4301
E-Mail: jenrobinson@utah.gov

	Industrial User	Jurisdiction	SIC Codes	Categorical Standard Number	Total Average Process Flow (gpd)	Total Average Facility Flow (gpd)	Facility Description
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							

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ATTACHMENT 2

Effluent Monitoring Data

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ATTACHMENT 3

Wasteload Analysis

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