

RESOLUTION NO. 19-10

**A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF POST FALLS
ENDORSEMENT OF THE CITY OF POST FALLS PRETREATMENT PROGRAM**

WHEREAS, The City of Post Falls is required by IPDES Permit ID0025852 to submit a pretreatment program meeting the requirements of 40 CFR 403.8; and

WHEREAS, Requirements indicate the submittal package “shall include a statement reflecting the endorsement or approval of the local boards or bodies responsible for supervising and/or funding the POTW Pretreatment Program, if approved”; and

WHEREAS, the City of Post Falls is committed to meeting its obligations under the City’s IPDES Permit for the Water Reclamation Facility;

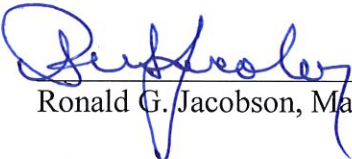
NOW, THEREFORE, BE IT RESOLVED, by the Mayor and City Council of the City of Post Falls, Idaho, that the City of Post Falls endorses pursuit of this program and is dedicated to implementing and funding the resulting pretreatment program.

This Resolution is effective upon its passage by the city council and approval of the Mayor.

PASSED by the City Council on the 15 day of Oct, 2019 and **APPROVED** by the Mayor on the 15 day of Oct, 2019.



City of Post Falls, Idaho



Ronald G. Jacobson, Mayor

Attest:



Shannon Howard, City Clerk

INDUSTRIAL PRETREATMENT IMPLEMENTATION MANUAL

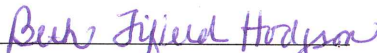


Water Reclamation Division

November 2019

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Issue date: November 8, 2019

INDUSTRIAL PRETREATMENT IMPLEMENTATION MANUAL

CITY OF POST FALLS – WATER RECLAMATION DIVISION

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Appendix F.1 – Local Limits Study and Report
Appendix F.2 – Local Limits Adoption Memo

“IPDES Pretreatment Program Approval Guide Requirements”

Requirement	Location Addressed
<p>Statement from City Official that:</p> <ul style="list-style-type: none"> - Identifies the legal authority for each procedure under 40 CFR 403.8(f)(2) - Identifies the manner in which the program requirements will be implemented. - Demonstrate how the POTW will ensure compliance and outline enforcement in the event of noncompliance by IUs. - Demonstrate consistency with any approved TMDL water quality management plans. 	Provision of Legal Authority – City Attorney (Appendix B.2)
Provide a copy of the Sewer Use Ordinance.	Sewer Use Ordinance (Appendix B.3)
Provide a copy of the Enforcement Response Plan.	Enforcement Response Plan (Appendix B.4)
Provide a copy of multijurisdictional agreements, if applicable.	Intergovernmental Agreement with City of Rathdrum (Appendix B.1)
Provide a statement of endorsement from all parties.	Provision of Legal Authority – City Attorney (Appendix B.2)
<p>Legal sources cited must demonstrate the legal authority to:</p> <ul style="list-style-type: none"> - Deny or condition new or increased contributions of pollutants. - Require compliance with applicable pretreatment requirements. - Issue general or individual permits to control discharges to POTW that include: <ul style="list-style-type: none"> o Statement of duration; o Statement of transferability; o Effluent limits; o Self-monitoring requirements; o Reporting and notification requirements; o Statement of applicable civil and criminal penalties; o Any applicable requirements to control slug discharges; o Compliance schedule for pretreatment technology installation; o Reporting requirements from IUs to assess and assure compliances; o Statement on conducting inspections, surveillance, and monitoring; o Statement of enforcement authority and ability to obtain remedies for noncompliance; and o Statement on confidentiality requirements. 	Sewer Use Ordinance (Appendix B.3)
The Enforcement Response Plan must include a description of how the POTW will investigate instances of noncompliance, including a description of the basic inspection processes, sampling procedures, etc.	Enforcement Response Plan (Appendix B.4)
The Enforcement Response Plan must include a description of escalating enforcement actions.	Enforcement Response Plan (Appendix B.4)
The Enforcement Response Plan must include identification of personnel responsible for implementing each type of enforcement response.	Enforcement Response Plan (Appendix B.4)
The Enforcement Response Plan must include a reflection of the POTW’s responsibility to enforce all applicable pretreatment standards and requirements.	Enforcement Response Plan (Appendix B.4)
Procedures for updating the Industrial Waste Survey.	Industrial Pretreatment Implementation Manual (Section 3.2)
Procedures for notifying the IUs of applicable requirements.	Industrial Pretreatment Implementation Manual (Section 3.3)

Requirement	Location Addressed
Procedures for receiving and analyzing self-monitoring reports and other data.	Industrial Pretreatment Implementation Manual (Section 5.0) and Enforcement Response Plan (Appendix B.4)
Procedures for random sampling and analysis.	Industrial Pretreatment Implementation Manual (Section 7.0) and Enforcement Response Plan (Appendix B.4)
Procedures for evaluating slug discharge control plans.	Industrial Pretreatment Implementation Manual (Section 4.3)
Procedures for investigating noncompliance.	Enforcement Response Plan (Appendix B.4)
Procedures for notifying the public of violations by an IU.	Industrial Pretreatment Implementation Manual (Section 9.0)
Process for public participation in local limits development.	Industrial Pretreatment Implementation Manual (Section 10.0)
Provide a copy of the Industrial Waste Survey distributed to users.	Survey Sent to IUs (Appendix C.1)
Identify IUs with the following information: <ul style="list-style-type: none"> - Name; - Address; - Standard Industrial Classification number; - Wastewater flow; - Types and concentrations of pollutants in discharge; - Major products manufactured or services supplied if pollutant constituents are not known; and - Description of existing pretreatment facilities and practices. 	Master List of IUs (Appendix C.2)
Process for notifying industrial users subject to pretreatment requirements.	Industrial Pretreatment Implementation Manual (Section 3.3)
Identify SIUs and describe how the SIUs were identified and categorized.	Master List of IUs (Appendix C.2)
Identify CIUs.	Master List of IUs (Appendix C.2)
Describe follow up activities for users who did not return the industrial waste survey.	Industrial Pretreatment Implementation Manual (Section 3.1)
Describe the methodology and calculations used to develop local limits.	Local Limits Study and Report (Appendix F.1)
Describe local limits applied to address prohibitions and which users are subject to them.	Local Limits Adoption Memo (Appendix F.2)
Demonstrate that the pretreatment program has sufficient resources, including staff and equipment.	Industrial Pretreatment Implementation Manual (Sections 8.0 – 8.5)
Demonstrate that the pretreatment program has sufficient funding mechanisms in place. Describe resources to be implemented at a later date, if applicable.	Industrial Pretreatment Implementation Manual (Section 8.5)

Abbreviations

ASPP	Accidental Spill Prevention Plan
BMP	Best Management Practices
BNR	Biological Nutrient Removal
BOD	Biochemical Oxygen Demand
BPR	Biological Phosphorus Removal
CDL	Certified Driver's License
CFR	Code of Federal Regulations
CIU	Categorical Industrial User
CWA	Clean Water Act
EPA	Environmental Protection Agency
ERP	Enforcement Response Plan
FOG	Fat, Oil, and Grease
gpd	Gallons per Day
IDEQ	Idaho Department of Environmental Quality
IPDES	Idaho Pollutant Discharge Elimination System
IPP	Industrial Pretreatment Program
IU	Industrial User
mgd	Million Gallons per Day
mg/L	Milligrams per Liter
MDL	Minimum Detection Level
MIU	Minor Industrial User
NSCIU	Non-Significant Categorical Industrial User
NPDES	National Pollutant Discharge Elimination System
POTW	Publicly Owned Treatment Works
RCRA	Resource Conservation and Recovery Act
SCP	Slug Control Plan
SIC	Standard Industrial Classification
SIU	Significant Industrial User
SOP	Standard Operating Procedure
SUO	Sewer Use Ordinance
SWDA	Solid Waste Disposal Act
TRC	Technical Review Criteria
TSS	Total Suspended Solids
USC	United States Code
UV	Ultraviolet
WRF	Water Reclamation Facility

Definitions

Applicable Pretreatment Standards: For any specified pollutant, City of Post Falls (City) prohibitive standards, City specific pretreatment standards (local limits), State of Idaho pretreatment standards, or EPA's categorical pretreatment standards (when effective), whichever standard is most stringent.

Approval Authority: Idaho Department of Environmental Quality.

Authorized Representative of the Industrial User:

- A. If the industrial user is a corporation:
 - a. The president, secretary, treasurer, or a 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; or
 - b. The manager of one or more manufacturing, production, or operation facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility, including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for control mechanism requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
- B. If the industrial user is a partnership or sole proprietorship: a general partner or proprietor, respectively.
- C. If the industrial user is a Federal, State, or local governmental facility: a director or highest official appointed or designated to oversee the operation and performance of the activities of the government facility, or his/her designee.
- D. The individuals described in subsections A through C of this definition may designate another authorized representative if the authorization is in writing, the authorization specifies the individual or position responsible for the overall operation of the facility from which the discharge originates or having overall responsibility for environmental matters for the company, and the written authorization is submitted to the City.

Best Management Practices (BMPs): Schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to implement the general and specific prohibitions listed in section 13.20.050 of Post Falls City Code. BMPs may also include, but are

not limited to, treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw materials storage. BMPs shall be considered local limits and pretreatment standards for the purposes of this manual and 40 CFR 403.5(c)(4).

Biochemical Oxygen Demand (BOD): The quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedures for five (5) days at twenty degrees Celsius (20°C), usually expressed as a concentration (milligrams per liter [mg/L]).

Bypass: The intentional diversion of waste streams from any portions of a treatment facility.

Categorical Industrial User (CIU): An industrial user subject to national categorical Pretreatment Standards. 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.

Categorical Pretreatment Standard or Categorical Standard: Any regulation containing pollutant discharge limits promulgated by the U.S. EPA in accordance with sections 307(b) and (c) of the CWA (33 U.S.C. 1317) which applies to a specific category of industrial users and which appears in 40 CFR chapter I, subchapter N, parts 405 - 471.

Clean Water Act (CWA): The Federal Water Pollution Control Act, also known as the Clean Water Act, as amended, 33 U.S.C. 1251 et seq.

Composite Sample: The sample resulting from the combination of individual wastewater samples taken at selected intervals based on an increment of either flow or time.

Cooling Water, Non-contact: Water used for cooling which does not come into direct contact with any raw material, intermediate product, waste product, or finished product. Non-contact cooling water may be generated from any use, such as air conditioning, heat exchangers, cooling or refrigeration to which the only pollutant added is heat.

Director: The person designated by the City to supervise the operation of the POTW, and who is charged with certain duties and responsibilities by Post Falls City Code, the Director of Public Services, or a duly authorized representative.

Domestic Source: A source of domestic (sanitary) waste water from residential sources including, but not limited to, wastewater from kitchen, bath and laundry facilities; or wastewater from the personal sanitary conveniences (toilets, showers, bathtubs, drinking fountains, non-commercial sinks and similar structures) of commercial, industrial or institutional buildings, provided that the wastewater exhibits characteristics that are similar to those of wastewater from normal residential activities.

General Pretreatment Regulations: The regulations contained in 40 CFR Chapter I Subchapter N part 403.

Grab Sample: An individual sample of at least one hundred fifty milliliters (150 mL) collected over a period of time not exceeding fifteen (15) minutes.

Indirect Discharge or Discharge: The introduction of pollutants into a POTW from any non-domestic source regulated under section 307(b), (c), or (d) of the CWA.

Industrial User (IU): A non-domestic source of indirect discharge into a POTW.

Interference: A discharge which, alone or in conjunction with a discharge or discharges from other sources, both:

- A. Inhibits or disrupts the POTW, its treatment processes or operations, or its sludge processes, use or disposal; and
- B. Therefore is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation) or of the prevention of sewage sludge use or disposal in compliance with section 405 of the Clean Water Act, the Solid Waste Disposal Act (SWDA) (including title II, more commonly referred to as the Resource Conservation and Recovery Act (RCRA), and including State regulations contained in any State sludge management plan prepared pursuant to subtitle D of the SWDA), the Clean Air Act, the Toxic Substances Control Act, and the Marine Protection, Research and Sanctuaries Act, or more stringent State or local regulations.

Maximum Allowable Discharge Limit: The maximum concentration or loading of a pollutant allowed under section 13.20.080 of Post Falls City Code.

Medical Wastes: Isolation wastes, infectious agents, human blood and blood products, pathological wastes, sharps, body parts, contaminated bedding, surgical wastes, potentially contaminated laboratory wastes, and dialysis wastes.

Minor Industrial User (MIU): An industrial user with an indirect discharge to the water reclamation facility (WRF) which does not meet the criteria of a significant industrial user, but whose operation and discharge may warrant periodic inspections because the nature of the waste is not similar to residential wastewater, has potential to discharge or spill chemicals to the WRF, or a categorical industry with zero discharge. MIUs may be subject to Best Management Practices (BMPs) and may be issued a Discharge Permit by the City.

New Source:

- A. Any building, structure, facility, or installation from which there is (or may be) a discharge of pollutants, the construction of which commenced after the publication of proposed categorical pretreatment standards under 307(c) of the CWA which will be applicable to such source if such standards are thereafter promulgated in accordance with that, provided that:
 1. The building, structure, facility, or installation is constructed at a site at which no other source is located; or

2. The building, structure, facility, or installation totally replaces the process or production equipment that causes the discharge of pollutants at an existing source; or
 3. The production or wastewater generating processes of the building, structure, facility, or installation are substantially independent of an existing source at the same site. In determining whether these are substantially independent, factors such as the extent to which the new facility is integrated with the existing plant, and the extent to which the new facility is engaged in the same general type of activity as the existing source, should be considered.
- B. Construction on a site at which an existing source is located results in a modification rather than a new source if the construction does not create a new building, structure, facility, or installation meeting criteria in subsection A2 or A3 of this definition, but otherwise alters, replaces, or adds to existing process or production equipment.
- C. Construction of a new source has commenced if the owner or operator has:
1. Begun, or caused to begin as part of a continuous on-site construction program:
 - i. Any placement, assembly, or installation of facilities or equipment; or
 - ii. Significant site preparation work including clearing, excavation, or removal of existing buildings, structures, or facilities which is necessary for the placement, assembly, or installation of new source facilities or equipment; or
 2. Entered into a binding contractual obligation for the purchase of facilities or equipment which are intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under this paragraph.

Non-compliance: Any violation of pretreatment standards, any conditions in the user's discharge permit, or other control mechanism. Examples of non-compliance include but are not limited to the violation of effluent limits, missed reporting deadlines, and inspection of monitoring deficiencies.

Non-Significant Categorical Industrial User (NSCIU): An Industrial User that is subject to categorical Pretreatment Standards under 40 CFR 403.6 but never discharges more than 100 gallons per day of total categorical wastewater (excluding sanitary, non-contact cooling, and boiler blowdown wastewater, unless specifically included in the pretreatment standard). The following conditions must also be met:

- 1) The IU has consistently complied with all applicable requirements.
- 2) The IU annually submits the certification statement in 40 CFR 403.12(q).
- 3) The IU never discharges any untreated concentrated wastewater. The City will evaluate annually whether the IU continues to meet the above criteria and continues to be a Non-Significant Categorical Industrial User (40 CFR 403.8(f)(2)(v)(B)).

Pass Through: A discharge which exits the POTW into waters of the United States in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of a POTW's IPDES permit (including an increase in magnitude or duration of a violation).

Permittee: A person or industrial user issued a wastewater discharge permit.

Person: Any individual, partnership, co-partnership, firm, company, corporation, association, joint stock company, trust, estate, governmental entity, or any other legal entity; or their legal representatives, agents, or assigns. This definition includes all Federal, State, or local governmental entities.

pH: A measure of the acidity or alkalinity of a substance, expressed in standard units.

Pollutant: Any dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials (except those regulated under the Atomic Energy Act of 1954, as amended (42 U.S.C. 2011 et seq.)), heat, wrecked or discarded equipment, rock, sand, cellar dirt and industrial, municipal, and agricultural waste discharged into water.

Pretreatment: The reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater prior to or in lieu of introducing such pollutants into the POTW. This reduction or alteration can be obtained by physical, chemical, or biological processes; by process changes; or by other means, except by diluting the concentration of the pollutants, unless allowed by an applicable pretreatment standard.

Pretreatment Requirement: Any substantive or procedural requirement related to pretreatment imposed on an industrial user, other than a national pretreatment standard.

Pretreatment Standard, National Pretreatment Standard, or Standard: Any regulation containing pollutant discharge limits promulgated by the EPA in accordance with section 307(b) and (c) of the CWA, which applies to industrial users. This term includes prohibitive discharge limits established pursuant to 40 CFR 403.5.

Prohibited Discharge Standards or Prohibited Discharges: Absolute prohibitions against the discharge of certain substances, which appear in section 13.20.050 of Post Falls City Code.

Publicly Owned Treatment Works (POTW): A treatment works, as defined by section 212 of the CWA, which is owned by a state or municipality (as defined by section 502(4) of the CWA). The term also means the city having jurisdiction over the indirect discharges to and the discharges from such a treatment works.

Septic Tank and Chemical Toilet Waste: Any sewage from holding tanks such as vessels, chemical toilets, recreational vehicles, campers, trailers, and septic tanks.

Sewage: A combination of the water-carried wastes from residences, business buildings, institutions, and industrial establishments, together with such ground, surface and storm waters as may be present. “Wastewater” and “sewage” are synonymous and interchangeable.

Sewer: Any pipe, conduit, or other device used to collect and transport sewage from the generating source.

Significant Industrial User (SIU):

A. Except as provided in subsections B and C of this definition, the term significant industrial user means:

1. All industrial users subject to categorical pretreatment standards under 40 CFR 403.6 and 40 CFR chapter I, subchapter N; and
2. Any other industrial user that: discharges an average of twenty five thousand (25,000) gallons per day or more of process wastewater to the POTW (excluding sanitary, non-contact cooling, and boiler blowdown wastewater); contributes a process wastestream which makes up five percent (5%) or more of the average dry weather hydraulic or organic capacity of the POTW treatment plant; or is designated as such by the POTW on the basis that the industrial user has a reasonable potential for adversely affecting the POTW’s operation or for violating any pretreatment standard or requirement (in accordance with 40 CFR 403.8(f)(6)).

B. The POTW may determine that an industrial user subject to categorical pretreatment standards under 40 CFR 403.6 and 40 CFR chapter I, subchapter N is a non-significant categorical industrial user rather than a significant industrial user on a finding that the industrial user never discharges more than one hundred (100) gallons per day (gpd) of total categorical wastewater (excluding sanitary, non-contact cooling, and boiler blowdown wastewater, unless specifically included in the pretreatment standard) and the following conditions are met:

1. The industrial user, prior to the POTW’s finding, has consistently complied with all applicable categorical pretreatment standards and requirements;
2. The industrial user annually submits the certification statement required in 40 CFR 403.12(q) together with any additional information necessary to support the certification statement; and
3. The industrial user never discharges any untreated concentrated wastewater.

- C. Upon a finding that an industrial user meeting the criteria in subsection A2 of this definition has no reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standards or requirement, the POTW may at any time, on its own initiative or in response to a petition received from an industrial user or POTW, and in accordance with 40 CFR 403.8(f)(6), determine that such industrial user is not a significant industrial user.

Significant Non-compliance: If a Significant Industrial User is in violation of one or more of the following criteria:

- Chronic violations of wastewater discharge limits (see 40 CFR 403.8(f)(2)(viii)(A)).
- Technical Review Criteria violation (TRC = 1.4 for BOD, TSS, fats, oil, and grease, and 1.2 for all other pollutants except pH) (see 40 CFR 403.8(f)(2)(viii)(B)).
- Any other violation of a Pretreatment Standard or Requirement as defined by 40 CFR 403.3(l) (daily maximum, long-term average, instantaneous limit, or narrative Standard) that the POTW determines has caused, alone or in combination with other discharges, interference, or pass through, including endangering the health of the POTW personnel or the general public.
- 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 to halt or prevent such a discharge.
- 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.
- Failure to provide, within 45 days after the due date, required reports such as baseline monitoring reports, 90-day compliance reports, periodic self-monitoring reports, and reports on compliance with compliance schedules.
- Failure to accurately report non-compliance.
- Any other violation or group of violations, which may include a violation of BMPs which the POTW determines will adversely affect the operation or implementation of the local pretreatment program.
- See Enforcement Response Plan (Appendix B.4).

Slug Load: Any discharge at a flow rate or concentration which could cause a violation of the discharge standards in sections 13.20.050 through 13.20.080 of Post Falls City Code, or any discharge of a non-routine, episodic nature, including but not limited to, an accidental spill or a non-customary batch discharge.

Solid Waste Disposal Act (SWDA): The regulations in 42 USC 6901, et seq.

Standard Industrial Classification (SIC) Code: A classification pursuant to the Standard Industrial Classification Manual issued by the United States Office of Management and Budget.

Stormwater: Any flow occurring during or following any form of natural precipitation, and resulting from such precipitation.

Tiered Permit: An individual permit that is structured so that the IU is given one set of equivalent limits for the current average production rate, and another set of equivalent limits is specified to take effect when there is a significant change in the average production rate (alternate limits could either become effective at a specific time/date or triggered whenever production exceeds a certain threshold value).

Total Suspended Solids (TSS): The total suspended matter that floats on the surface of, or is suspended in, water, wastewater, or other liquid, and which is removable by laboratory filtering in accordance with procedures approved in 40 CFR 136, as amended.

Wastewater: Liquid and water-carried industrial wastes and sewage from residential dwellings, commercial buildings, industrial and manufacturing facilities, and institutions, whether treated or untreated, which are contributed to the POTW.

Wastewater Discharge Permit (Industrial Wastewater Discharge Permit, Discharge Permit): An authorization or equivalent control document issued by the City to industrial users discharging wastewater to the POTW. The permit may contain appropriate pretreatment standards and requirements as set forth in Post Falls City Code.

Wastewater Treatment Plant or Treatment Plant: That portion of the POTW which is designed to provide treatment of municipal wastewater.

1.0 Introduction

1.1 Purpose

The purpose of the Industrial Pretreatment Program (IPP) is to limit the introduction of pollutants or materials to the Publicly Owned Treatment Works (POTW) that could damage or interfere with the operation, maintenance, or performance of the collection and treatment systems, cause pass through of controlled pollutants, degrade the quality of the POTW’s treated effluent and biosolid products, cause or contribute to a violation of a water quality or biosolids standard, or endanger the safety of POTW workers. The purpose of the Industrial Pretreatment Implementation Manual is to provide information and instruction for the City of Post Falls’ (the City) IPP staff regarding implementation of the program. The City is required under section II.E. of its Idaho Pollutant Discharge Elimination System (IPDES) permit, #0025852 (Appendix A), to submit a pretreatment program meeting the requirements of 40 CFR 403.8, to the Control Authority agency, the Idaho Department of Environmental Quality (IDEQ). Additionally, the POTW is required to submit a program because its total design flow is less than five (5) million gallons per day and the nature or volume of industrial influent warrants the prevention of pass through or interference. This Implementation Manual has been revised from the 2015 IPP submittal to the Environmental Protection Agency (EPA) to be suitable for submittal to the IDEQ, as of 2019.

1.2 Revisions

It is anticipated that this Implementation Manual will need periodic review and updating to keep current with changing regulations and staffing as the City grows. However, the basic procedural information and implementation will remain consistent. When revisions are made to this manual, a description will be added to this section.

Revision #	Revision Date	Revision Description
0	10/18/2019	Initial plan created through collaboration between City of Post Falls and Spring Environmental, Inc.
1	11/8/2019	<ul style="list-style-type: none">- Section 3.1, 3.2, 5.4, 7.1: Updated “NIU” acronym to “NSCIU” to better differentiate from NSCIUs and users that would be classified as MIUs.- Section 4.2.2: Updated permit issuance timeline to 90 days to match Section 13.20.210 of City of Post Falls’ municipal code.- Section 5.3: Added note on waivers for annual reporting.- Section 6.0: Updated to indicate that both SIUs and CIUs must be inspected annually.- Section 6.5: Updated business response timeline to 30 days to match Section 13.20.490 of City of Post Falls’ municipal code.

1.3 City History

Established June 4, 1891, the City of Post Falls has grown from a small timber and agricultural community of a few hundred people to its present population of over 30,000 people engaged in a diverse range of commercial enterprises. Post Falls is named after Frederick Post, a German immigrant who constructed a lumber mill along the Spokane River in 1871 on land he purchased from Andrew Seltice, Chief of the Coeur d'Alene tribe. Today, Post Falls is a full-service municipality located along the I-90 transportation corridor in the Rathdrum Prairie area near the Spokane River.

Until the 1980s, businesses and residents used individual septic tank/leach field systems for wastewater treatment and subsurface disposal of treated wastewater. In 1984, the City began construction of its first wastewater treatment plant and sewage collection system. The treatment plant had a design capacity of 1 million gallons per day (mgd), and used the extended aeration process including primary screening and grit removal, oxidation ditches, secondary clarifiers and chlorine disinfection. A National Pollutant Discharge Elimination System (NPDES) permit issued in 1987 allowed the City to discharge treated effluent to the Spokane River via an outfall pipe having a calculated peak capacity of 9.7 mgd and average capacity of 4.2 mgd. Plant upgrades between 1990 and 2011 brought the plant to its current capacity of 4.0 mgd. Biological phosphorus removal (BPR) was added in 1996 for enhanced phosphorus reduction, and biological nutrient removal (BNR) was added in 2011 for enhanced nitrogen reduction.

The current discharge permit (2014) requires phosphorus discharges to be greatly reduced to less than 3.19 pounds per day seasonal average within ten (10) years of permit issuance. To achieve this low level of phosphorus discharge, additional treatment processes, including chemical addition and membrane filtration will be required.

In 1996 the City of Rathdrum contracted for sewage treatment capacity with the City of Post Falls. An intergovernmental agreement approved in 1996, and amended in 2009 and 2018, defines the conditions of sewer capacity use (Appendix B.1). Rathdrum contributes about 20% of the total plant flow. The City of Rathdrum is required to abide by the requirements of the Clean Water Act (CWA), and must implement its own pretreatment ordinance and program that are no less stringent than the City of Post Falls.

In 2001, the effluent chlorine disinfection system was replaced with an ultraviolet (UV) light disinfection system, while the chlorination system is in standby mode for emergency backup. The chlorination system will be removed as part of the upgrades to meet the ten-year improvement schedule. Equalization basins were installed in 2016 to better control flow, and the headworks were moved and upgraded in 2016. Treatment plant biosolids are further processed by an EPA-licensed company that incorporates the biosolids into compost products distributed and sold for beneficial reuse. Hauled sewage is not currently accepted at the POTW.

2.0 Program Legal Authority

The City's authority for implementing the pretreatment program is derived from federal, state, and local rules. The Code of Federal Regulations, 40 CFR 403, outlines the national pretreatment regulations. These standards were developed to control pollutants that pass through or interfere with POTWs. The state of Idaho's IPDES program is the control authority over the POTW and requires that the City develop and implement an industrial pretreatment program. The City develops and adopts codes, such as the sewer use ordinance (SUO), that limit discharges to the treatment plant to protect the treatment process against harmful items that are not covered in the state and federal regulations. Implementation of the pretreatment program is handled through the Public Works Department's Utilities staff. For authority documents see the following appendices:

- Appendix B.1 – Intergovernmental Agreement with City of Rathdrum
- Appendix B.2 – Provision of Legal Authority – City Attorney
- Appendix B.3 – Sewer Use Ordinance
- Appendix B.4 – Enforcement Response Plan

3.0 Identification of Industrial Users

3.1 Development of Master List of IUs

A City-wide survey was sent out in January 2018 to all non-residential sewer system users that the City did not have information on. This was an effort to update the City's inventory of Industrial Users (IU) and develop a Master List. Survey hard copies were sent out with multiple methods of returning it available to the Users (e.g. paper, email, or an online survey). Important elements of the Master List are contact information, business type, potential pollutants from the business, current pretreatment technologies, and categorization. Categories are Non-Significant Categorical Industrial User (NSCIU), Minor Industrial User (MIU), Significant Industrial User (SIU), and Categorical Industrial User (CIU). Businesses that did not return the survey were contacted by phone. A sample survey that was sent to non-residential sewer system users is included in Appendix C.1. A spreadsheet that lists all information gathered from the surveys, as well as identifies users as NSCIU, MIU, SIU, or CIU, is included in Appendix C.2.

3.2 Maintenance of Master List

Application information from newly licensed businesses is sent to the Utilities Division weekly from the Building Division. Sewer use and waste characterization questions on the business license application must be filled out by all applicants. The Pretreatment Coordinator examines and assesses each new application and determines what steps need to be taken to categorize businesses as NSCIU, MIU, SIU, or CIU. Initially this is accomplished by both looking at the business types, and looking at the answers to the pretreatment questions on the business license applications. In many cases, these two items are sufficient to determine that the business is not a CIU or SIU. When there is insufficient information, the Pretreatment Coordinator will investigate the business further by calling them, visiting the business, or sending a more detailed survey to obtain the information needed to make a determination. Upon determination of pretreatment status, the Master List will be updated with the status and applicable requirements for that User. Business licenses are updated annually. Renewed licenses will be reviewed against Master List information and the Pretreatment Coordinator will follow up on changes from year to year.

3.3 Industrial User Notification of Applicable Regulations

All Industrial Users who may be subject to the City's IPP will be notified of the standards that are pertinent to their operation. As the IU Master List is updated, the Pretreatment Coordinator will send letters to new businesses describing applicable pretreatment requirements. If a new business is identified as having SIU or CIU status, the letter will state this and describe the requirements of those statuses, and outline the steps to acquiring an individual pretreatment permit. If the business is a restaurant, they will be notified of the Additional Pretreatment Measures listed in Post Falls City Code Title 13 Chapter 20.130 relating to grease and oil interceptors. Additionally, if newly promulgated pretreatment standards alter the status of an existing IU, the Master List will be updated, and a letter will be sent notifying them that their status has been changed and that further action is needed.

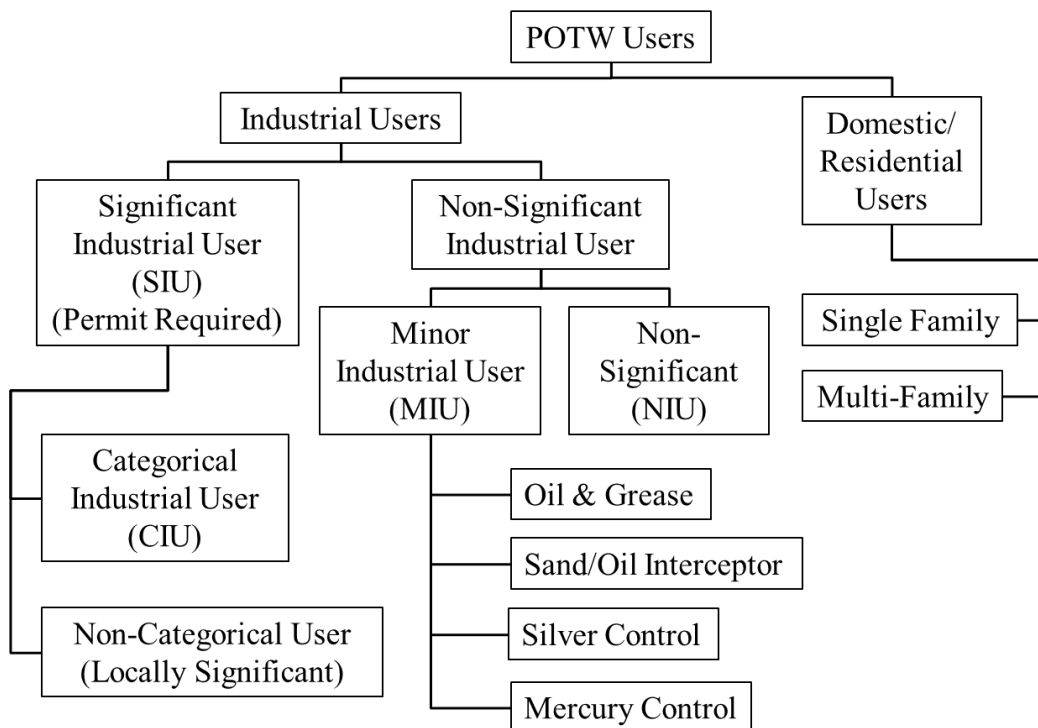
4.0 Industrial User Permitting

4.1 Types of Permits

The types of permits issued by the City include the following:

- Individual Permits: These permits are issued for all IUs that are identified as SIUs or CIUs. Individual permits can be set or tiered:
 - Set Permit: An individual permit that is structured so that the IU is given one set of discharge limits that are independent of average production rate.
 - Tiered Permit: An individual permit that is structured so that the IU is given one set of equivalent limits for the current average production rate, and another set of equivalent limits is specified to take effect when there is a significant change in the average production rate (alternate limits could either become effective at a specific time/date or triggered whenever production exceeds a certain threshold value).

At the time of approval by the IDEQ of this Industrial Pretreatment Implemental Manual, all restaurants and businesses that discharge FOG to the City’s collection system are subject to local city code. The city reserves the ability to develop a formalized FOG General Permit Program in the future if deemed necessary (Appendix D.1). An organization chart for how users are categorized by the POTW is presented below.



4.2 Individual Permit Application Process

4.2.1 Application

The notification letter sent to all new or existing IUs will inform them of the need to submit a complete industrial user permit application within 30 days of receiving the notification letter. An example of the permit application is included in Appendix D.2. Each permit application will be reviewed for completeness and accuracy, per the requirements of Post Falls City Code 13.20.190, by the Environmental Specialist and returned to the sender if incomplete. When a complete application is received, an initial inspection of the facility will be scheduled to verify information from the application, including processes, flow, and waste materials. Following the inspection, an individual permit and fact sheet will be developed for the IU. Fact sheets are intended to explain, in detail, the specific requirements of the permit, as well as the regulations or local limits they may be based on.

4.2.2 Timelines

For individual permits, after a complete application has been turned in and the application fee paid, the Environmental Specialist will issue the permit and fact sheet within 90 days. More time may be needed if questions or discrepancies arise concerning regulations, waste stream characteristics, or pretreatment technologies.

See Section 9 for public comment requirements.

4.2.3 Permit Development

Development of an IU Permit will be a coordinated effort between the Pretreatment Coordinator and the Environmental Specialist. Drafting of the permits is the responsibility of the Environmental Specialist, and any sampling or on-site verification of application information will be performed by the Pretreatment Coordinator. Official sampling of an IU discharge will take place after permit issuance, when compliance is being determined. An example permit is included in Appendix D.3. An issued permit must be accompanied by a Transmittal Letter. This letter will either be sent via certified mail or hand delivered, and proof of receipt by an authorized representative will be acquired. The transmittal letter will be addressed to the industry official, contain the permit comment period specifics, and clearly identify the City as the control authority with contact information.

Should the permittee feel that a hand-off meeting with the City is necessary in order to properly understand the requirements of the permit, they may contact the City by phone ((208) 777-9857) or email to schedule such a meeting.

4.3 Individual Permit Contents

The minimum contents of an IU permit will be:

- A statement that indicates the wastewater discharge permit's effective date, duration, which in no event shall exceed five (5) years, and a specific date upon which the permit will expire.

- A statement that the wastewater discharge permit is non-transferable without prior notification to and approval from the City, and provisions for furnishing the new owner or operator with a copy of the existing wastewater discharge permit.
- Applicable pretreatment standards (including local limits) and requirements, including effluent limits.
- Self-monitoring, sampling, reporting, notification, submittal of technical reports, compliance schedules, and recordkeeping requirements. These requirements shall include an identification of pollutants to be monitored, sampling location, sampling frequency, and sample type based on federal, state, and local regulations.
- Requirement to report the results of monitoring of any regulated pollutant that is conducted more frequently than required by the permit.
- Requirement for immediate notification to the City where self-monitoring results indicate non-compliance.
- Requirement to report a bypass or upset of a pretreatment facility.
- Requirement to report immediately to the City all discharges, including slug loadings, that could cause problems to the POTW (e.g. not specifically characterized in permit application).
- Requirement for the SIU who reports non-compliance to repeat the sampling and analysis and submit results to the City within thirty (30) days after becoming aware of the violation.
- A statement of applicable civil, criminal, and administrative penalties for violation of pretreatment standards and requirements, and any applicable compliance schedule.
- Requirement to control spills and/or slug discharges. An Accidental Spill Prevention Plan (ASPP) and/or Slug Control Plan (SCP) must be completed by all permitted industries within ninety (90) days of permit issuance and updated annually. IUs shall submit a plan which addresses, at a minimum, the following:
 - Description of discharge practices, including non-routine batch discharges.
 - Description of stored chemicals (e.g. identification, characteristics, volume/quantity).
 - Procedures for notifying the POTW within 24 hours of any accidental or slug discharges. Such notification must also be given for any discharge which would violate any of the standards in sections 13.20.050 through 13.20.080 of Post Falls City Code.
 - Procedures to prevent adverse impact from any accidental or slug discharge. Such procedures include, but are not limited to, inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site runoff, worker training, building of containment structures or equipment, measures for containing toxic organic chemicals (including solvents), and/or measures and equipment for emergency response.

IU permits may contain, but need not be limited to, the following conditions:

- Limits on the average and/or maximum rate of discharge, time of discharge, and/or requirements for flow regulation and equalization.
- Requirements for the installation and proper operation and maintenance of pretreatment technology, pollution control, or containment devices, designed to reduce, eliminate, or prevent the introduction of pollutants into the treatment works.
- Requirements for the development and implementation of spill control plans or other special conditions including management practices necessary to adequately prevent accidental, unanticipated, or routine discharges.
- Development and implementation of waste minimization plans to reduce the amount of pollutants discharged to the POTW.
- The unit charge or schedule of Industrial User charges and fees for the management of the wastewater discharged to the POTW.
- Requirements for installation and maintenance of inspection and sampling facilities and equipment.
- A statement that compliance with the wastewater discharge permit does not relieve the permittee of responsibility for compliance with all applicable Federal and State pretreatment standards, including those which become effective during the term of the wastewater discharge permit.
- Any special agreements the City chooses to continue or develop between the City and IU.

IU Permits are renewed for a period of up to five (5) years but may vary depending on if there is a technology compliance schedule. The City checks current permit dates periodically in order to track renewals.

4.4 Appeal Procedure

For any permitting decision issued by the City, the IU may file with the City Clerk an appeal within ten (10) business days of receipt of the City's decision. The appeal shall be in writing and include a statement of the factual basis for the appeal. Upon timely receipt, the City Administrator will schedule the appeal for hearing. The decision of the City Administrator will be the final decision.

4.5 Reconsideration of a Permit

The IU may petition the City to reconsider the terms of an individual permit with ninety (90) days of its issuance. In the petition, the IU must indicate the permit provisions objected to, the reasons for the objection, and any alternative conditions the IU would like to place in the permit. Failure of the City to act within ninety (90) days on a request for reconsideration will be deemed a denial of the request.

4.6 Modification of a Permit

The IU may notify the City of a necessary permit modification by submitting a written request detailing the nature of the modification. Within thirty (30) days of receipt, the City will respond by written letter, explaining whether the request has or has not been granted, or whether a meeting must take place in order to come to a resolution on the request.

5.0 Industrial User Reporting

All reports must be sent as hard copies to the Utilities Division at the following address.

City of Post Falls
Industrial Pretreatment Program
408 N Spokane Street
Post Falls, ID 83854

All reports are reviewed by the Environmental Specialist and the Pretreatment Coordinator within thirty (30) days of receipt. Reports are scanned and saved for a period of at least three (3) years. The User will be notified by letter that their report was received.

If the User fails to submit a required report, the Pretreatment Coordinator will remedy the situation by following procedures in the Enforcement Response Plan (ERP) in Appendix B.4.

5.1 Baseline Reporting – CIUs only

New Pretreatment Standard

Within one hundred eighty (180) days of the effective date of a categorical pretreatment standard, existing CIUs to which this new standard would apply must submit a baseline monitoring report to the City. This report should include all information listed in 40 CFR 403.12(b)(1)-(7). The reports shall be sent to the POTW and reviewed by both the Environmental Specialist and the Pretreatment Coordinator for completeness. If there are discrepancies or concerns about the report, the IU will be contacted.

New CIUs

Ninety (90) days prior to a New Categorical Source discharging to the POTW, the new source must submit to the City a baseline report containing information in 40 CFR 403.12(b)(1)-(5). Included in the report shall be what method of pretreatment the source intends to use and estimates of flow.

5.2 Compliance Reporting – CIUs only

New Pretreatment Standard

New federal pretreatment standards specify final deadlines for compliance with categorical standards. Existing CIUs have 90 days following that deadline to submit a compliance report containing information listed in 403.12(b)(4)-(6).

New CIUs

Upon discharging wastewater to the POTW, a new categorical industrial user must submit a compliance report containing the information in 403.12(b)(4)-(6).

5.3 Permitted User Reporting

Every six (6) months, on the dates specified in their respective permits, all SIUs and CIUs must self-report on compliance with applicable limits and BMP requirements. The following guidelines will be used by the City in reviewing self-monitoring reports to identify violations:

- Report due and submitted date.

- All certification statements as required are included and signed.
- Signatures checked to verify that the report signer is an authorized representative.
- All sample and analytical data required by the permit is required.
- Analytical methods were appropriate (40 CFR 136, state requirements, and as required in the IU permit) and holding times and Minimum Detection Levels (MDLs) are met, including review of the Chain-of-Custody.
- All pollutant data is compared to permit limits to identify violations.
- A waiver may be issued for annual reporting in collaboration between the City and Industrial User.

If the report shows violations of any permit condition, the User will be notified with a Notice of Violation and the Pretreatment Coordinator will initiate the process to remedy the violation, per the ERP in Appendix B.4.

5.4 Non-Significant Categorical Industrial User Reporting

NSCIUs must annually submit the certification statement required in 40 CFR 403.12(q) together with any additional information necessary to support the certification statement.

5.5 Non-compliance Reporting

IUs have the responsibility to report any known violation within twenty-four (24) hours of discovering the violation, per Post Falls City Code 13.20.340. The City accepts notifications of non-compliance by email at waterreclamation@postfallsidaho.org or by phone at either of the following phone numbers:

- Main Phone: (208) 777-9857
- Emergency Phone: (208) 773-1438

In the case that violations are not properly remedied, the City will pursue actions according to the ERP in Appendix B.4.

6.0 Inspection of Industrial Users

Inspections of SIUs and CIUs will be conducted before a permit has been issued by the City to determine the accuracy of the application information and then after to determine on-site compliance with permit limits and federal pretreatment standards. SIU and CIU inspections will occur at least once a year after permit issuance (40 CFR 403.8(f)(2)(v)).

Inspection of MIUs may take place when issues with a facility or issues at the treatment plant arise that warrant on-site investigation. Such inspections will be performed as necessary, and conducted by the Pretreatment Coordinator.

6.1 Scheduled and Unannounced Inspections

Scheduled inspections are planned in advance by the Pretreatment Coordinator with prior notice to the industry, typically one to two weeks in advance.

The City may conduct random inspections if there is reason to think effluent quality or treatment process would be different than during a scheduled inspection. Random inspections may also be conducted in order to identify occasional and/or continuing non-compliance of an IU with pretreatment standards.

6.2 Prior to Inspections

Before inspecting a facility, scheduled or unexpected, the inspector will review the facility's details that are on file and become familiar with their discharge, applicable pretreatment requirements, any past violations, suspected issues, and any installed pretreatment technologies.

6.3 Actual Inspection

Inspections will be carried out by the Pretreatment Coordinator. See inspection procedures in Appendix E for guidance during inspections.

6.4 Denial or Withdrawal of Access

If a business denies access to the inspector, the inspector should do the following:

1. Ensure they have presented their credentials to the business, so that the business understands the nature of the inspector's visit.
2. If still denied entry, the inspector should ask the business to explain why.
3. Record any observations in the field log book, including who refused entry, the reason behind it, and any visual indication that the facility is denying entry due to non-compliance.
4. Leave the premises and notify the Chief Water Reclamation Operator of the denial of entry.

If a business withdraws access to the inspector during an inspection, the inspector should do the following:

1. Ask the business to explain why they have withdrawn access.
2. Record any observations in the field log book, including who withdrew access, the reason behind it, and any visual indication that the facility is withdrawing access due to non-compliance.

3. Leave the premises and notify the Chief Water Reclamation Operator of the withdrawal of access.

If the business has any forms that would prohibit the inspector from collecting information (photos, notes, etc.) to use for enforcement, the inspector should not sign them. If the business requests to review any photos or notes taken of potentially proprietary material, the inspector must accommodate the request.

Any formal communication with the business regarding the City's authority to enter and inspect their facility, derived from Post Falls City Code 13.20, will be post-inspection and at the discretion of the Chief Water Reclamation Operator and Utilities Manager. Per the ERP, it is the responsibility of the Chief Water Reclamation Operator and Utilities Manager to decide what form of response is appropriate. The options for a response include, but are not limited to, the following:

- Injunction
- Administrative search warrant
- Compliance order
- Cease and desist order
- Show cause hearing
- Administrative penalty order
- Judicial action
- Termination of discharge

6.5 Procedures After Inspections

If samples were taken during an inspection, the Pretreatment Coordinator will ensure delivery to the appropriate contract lab with the accompanying chain of custody. Upon receipt of sample analysis, results will be reviewed to determine compliance with discharge limits. These results will be kept in the business file on the network drive as well as in the M-files archive. If results show non-compliance, the Utilities Manager and Chief Water Reclamation Operator will decide if resampling is needed. The business will also be notified by the Pretreatment Coordinator to initiate corrective action in a prompt manner.

Documentation of the inspection will be completed, outlining satisfactory or unsatisfactory conditions of the inspection. If the Pretreatment Coordinator identifies anything constituting a violation or concern for the POTW, the Utilities Manager and Chief Water Reclamation Operator will be notified.

After the Chief Water Reclamation Operator and the Utilities Manager review the inspection report, the Pretreatment Coordinator will send copies of the report and lab results of any samples to the business within ten (10) business days. If the business was in non-compliance with either a discharge limit or a physical issue, the business is required to submit a response within thirty (30) business days of receipt outlining actions taken or planned actions to return to compliance. The Pretreatment Coordinator will follow-up with the business to verify compliance.

6.6 Complaints

Any complaints of IU waste will be routed to the Pretreatment Coordinator, who will forward the complaint to the IU by email and will investigate the complaint via an on-demand inspection. Per the ERP, on-demand inspections will be performed immediately, with no prior notice provided to the IU.

7.0 Sampling of Industrial Users

40 CFR 403.8(f)(2)(v) requires random sampling of IUs in order to identify occasional and continuing non-compliance with pretreatment standards. Samples are also taken during scheduled inspections. See sampling procedures in Appendix E for guidance during sampling. Transportation and analysis will be done according to the City's Quality Assurance Plan.

All samples will be sent to a contract laboratory. The City will bill the IU the analytical cost plus an additional 15% overhead charge.

If the IU requests split samples of a sample taken during an inspection or sampling visit, the inspector must accommodate the request.

7.1 Sampling Locations

Samples should be taken immediately downstream of any pretreatment technology that a User has or, if there is no pretreatment process, the sample should be taken immediately downstream of the regulated, waste-generating process (40 CFR 403.12(b)(5)(iv)). For SIUs, these locations will be identified in their permit. For NSCIUs, the Pretreatment Coordinator will determine the most representative location in the waste stream, in accordance with the above Federal requirement.

7.2 Types of Samples

Samples must be representative of the discharge and performed in accordance with 40 CFR 136.

- Composite: If the discharger has a continuous flow, a flow-proportional composite sample will be taken. The City will set up its own 24-hour composite sampler. Latches and locks are used by the City to ensure that samples are not tampered with.
- Grab: A grab sample is an individual sample of at least one hundred fifty milliliters (150 mL) collected over a period of time not exceeding fifteen (15) minutes. Samples for pH, cyanide, total phenols, oil and grease, sulfide, and volatile organic compounds must be collected using grab samples.

7.3 Sample Results

Upon receipt, sample analytical results will be reviewed to determine compliance with discharge limits. These results will be kept in the business file on the network drive as well as in the M-files archive. If results show non-compliance, the Utilities Manager and Chief Water Reclamation Operator will decide if resampling is needed. The business will also be notified by the Pretreatment Coordinator to initiate corrective action in a prompt manner.

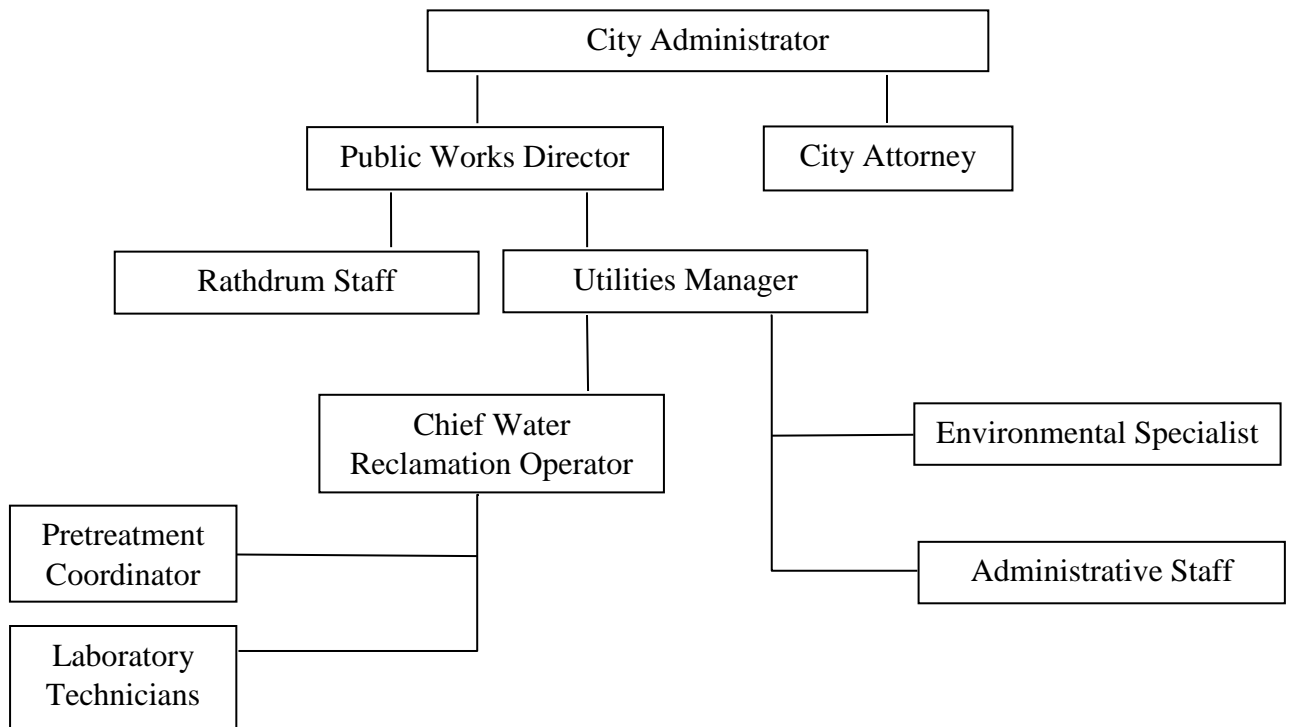
8.0 Program Resources

8.1 Program Organization

The Pretreatment Program responsibilities are shared between various Utilities' staff members. Roles and responsibilities are as follows:

- **Public Works Director:** overall direction of the program, budgeting
- **Utilities Manager:** implementing program direction, budgeting, identifying IUs
- **Chief Water Reclamation Operator:** guidance for Pretreatment Coordinator, budgeting, data management
- **Pretreatment Coordinator:** identifying IUs, inspecting and sampling IUs, data management, reviewing reports, initiating and tracking enforcement actions
- **Environmental Specialist:** drafting official correspondence and permits, reviewing reports, data management
- **Laboratory Technicians:** performing laboratory analysis, contract lab coordination
- **Administrative Staff:** assists in administrative tasks such as maintaining the Master List of IUs

The following chart shows the hierarchy of City staff that could be involved in pretreatment decisions or actions.



8.2 Staffing

The amount of time dedicated to the Pretreatment Program varies for each staff member. Table 8-1 details the amount of workdays required annually for each program activity. Multiple staff members can support a single program activity. Table 8-2 in Section 8.4 details the amount of time each staff member dedicates to the program in a typical year.

Table 8-1. Staffing Requirements by Program Activity

Program Activity	Workdays per Year
Reviewing wastewater discharge permit applications, writing and issuing permits	30
Reconsideration of wastewater discharge permits	1
Modification of wastewater discharge permits	6
Transfer of wastewater discharge permits	1
Reissuance of wastewater discharge permits	5
Reviewing IU Baseline Monitoring Reports	6
Reviewing IU Final/Initial Compliance Reports	6
Reviewing Periodic Compliance Reports	18
Reviewing hazardous waste notifications	2
Responding to notice of an accidental spill or slug load	4
Responding to notice of a bypass	2
Investigate IU non-compliance	9
Responding to notice of changed discharge	2
Reviewing un-permitted IU reports	2
Site visits for inspection and/or sampling	12
Publishing IUs in significant non-compliance	3
Administrative enforcement actions	6
Legal enforcement actions	10
Prepare self-monitoring reports for approval authority	6
Updating IU Master List/Industrial Waste Survey	5
Total	136

The Pretreatment Program requires 136 workdays of staff time per year dedicated to the program. It is estimated that prior to the implementation of this program, 105 workdays of staff time per year were dedicated to similar activities. Anticipating additional workload, the City added the Environmental Specialist position a few years ago to assist with the Pretreatment Program and other POTW duties. The POTW was sufficiently staffed prior to the implementation of the program and will continue to be with the addition of the Environmental Specialist.

8.3 Qualifications

Qualifications required of staff to perform the Pretreatment Program duties expected of them are listed below.

- Utilities Manager:
 - Valid driver's license
 - Ability to obtain the following:
 - Idaho Class IV Wastewater Treatment Operator Licensure
 - Idaho Class IV Wastewater Collections Licensure
 - Idaho Class III Water Distribution Licensure
 - Idaho Class II Water Treatment Licensure
- Chief Water Reclamation Operator
 - Valid driver's license with a Commercial Driver's License (CDL) endorsement
 - Possession of or ability to obtain within 18 months of hire the following:
 - Idaho Class IV Wastewater Treatment Operator Certificate
 - Idaho Class IV Wastewater Collections Certificate
- Pretreatment Coordinator:
 - Valid driver's license and Class B CDL
 - Idaho Class II Wastewater Treatment Operator Certificate
 - Idaho Class II Wastewater Collections Certificate
- Environmental Specialist:
 - Valid driver's license
- Laboratory Technician:
 - Valid driver's license with a CDL endorsement
 - Idaho Class I Reclaimed Water Operator Certificate
 - Ability to obtain Idaho Class I Laboratory Analyst Certification within 18 months of hire
- City Attorney:
 - Must be in good standing with the Idaho State Bar

8.4 Costs

Annual costs of the Pretreatment Program include employee labor costs, operating costs, supply costs, and contracted labor costs. Table 8-2 itemizes the estimated costs of the program.

Table 8-2. Annual Pretreatment Program Costs

Annual Employee Labor Costs			
Direct Labor	Labor Hours	Average Hourly Rate	Approximate Annual Program Cost
Public Works Director	9	\$ 49.49	\$ 445
Utilities Manager	62	\$ 33.90	\$ 2,373
Chief Water Reclamation Operator	156	\$34.58	\$ 5,394
Pretreatment Coordinator	410	\$ 25.96	\$ 10,644
Environmental Specialist	356	\$ 27.40	\$ 9,756
Laboratory Technicians	10	\$ 30.93	\$ 309
Administrative Staff	45	\$ 16.64	\$ 749
City Attorney	40	\$ 64.65	\$ 2,586
Total			\$ 32,600
Annual Operation, Supply, and Contracted Labor Costs			
Expenditure			Approximate Annual Program Cost
Vehicle operation & maintenance			\$ 1,500
Sampling equipment costs			\$ 500
Inspection and sampling supplies			\$ 500
Contracted engineering support			\$ 10,000
Total			\$ 12,500

The estimated cost to run the Pretreatment Program in a typical year is \$45,100 (2019 dollars). This estimate was developed using representative pay rates and past expenditures as references.

8.5 Funding

Historically, the Pretreatment Program has been funded through the allocation of revenues gathered by sewer capitalization and sewer use fees. This has successfully been the program's primary source of funding, and will continue to be in the future. The City will compensate for increased program costs by periodically reviewing and amending capitalization and use fees as necessary.

9.0 Public Notification

Any time an IU is in significant non-compliance with applicable pretreatment requirements, the City will notify the public by publishing the date of exceedance in the *Coeur d'Alene Press* within 12 months of the event. If there are multiple significant non-compliance events, these can be published at the same time.

At other times when public notice and/or comment may be advantageous to the program, a similar notice will be posted in the *Coeur d'Alene Press* as well as on the City's public notices website.

10.0 Local Limits Development

A description of the methodology and calculations used to develop local limits is included in Appendix F.1, a study provided to the City of Post Falls by J-U-B Engineers, Inc. in 2015. A 2019 memo summarizing the adoption and application of the local limits recommended in the study is included in Appendix F.2. In the future, public participation in local limit development will be considered on a case-by-case basis.

APPENDIX A
IPDES Permit ID0025852

United States Environmental Protection Agency (EPA)
Region 10
1200 Sixth Avenue Suite 900
Seattle, Washington 98101

**Authorization to Discharge Under the
National Pollutant Discharge Elimination System**

In compliance with the provisions of the Clean Water Act, 33 U.S.C. §1251 *et seq.*, as amended by the Water Quality Act of 1987, P.L. 100-4, the “Act”,

**City of Post Falls
Water Reclamation Facility
2002 West Seltice Way
Post Falls, ID 83854**

is authorized to discharge from the wastewater facility located in Post Falls, Idaho, at the following location(s):

Outfall	Receiving Water	Latitude	Longitude
001	Spokane River	47° 42' 30"	116° 58' 10"

in accordance with discharge point(s), effluent limitations, monitoring requirements and other conditions set forth herein.

This permit shall become effective December 1, 2014.

This permit and the authorization to discharge shall expire at midnight, November 30, 2019.

The permittee shall reapply for a permit reissuance on or before June 3, 2019 if the permittee intends to continue operations and discharges at the facility beyond the term of this permit.

Signed this 30th day of September 2014.

/s/Christine Psyk for
Daniel D. Opalski, Director
Office of Water and Watersheds

Schedule of Submissions

The following is a summary of some of the items the permittee must complete and/or submit to EPA during the term of this permit:

Item	Due Date
1. Discharge Monitoring Reports (DMR)	DMRs are due monthly and must be submitted on or before the 20th day of the month following the monitoring month (see III.B).
2. Quality Assurance Plan (QAP)	The permittee must submit the QAP to EPA and IDEQ as an electronic attachment to a DMR by June 20, 2015 (see II.C). The Plan must be kept on site and made available to EPA and IDEQ upon request.
3. Operation and Maintenance (O&M) Plan	The permittee must provide EPA and IDEQ with written notification that the Plan has been developed and implemented as an electronic attachment to a DMR by June 20, 2015 (see II.A). The Plan must be kept on site and made available to EPA and IDEQ upon request.
4. Phosphorus Management Plan	The permittee must submit the plan to EPA and IDEQ as an electronic attachment to a DMR by December 20, 2015 and provide written notice that the plan has been implemented by June 20, 2016 (see II.B).
5. Toxics Management Plan	By June 20, 2015, the permittee must submit to EPA and IDEQ a Toxics Management Plan (TMP) as an electronic attachment to a DMR. By December 20, 2015, the permittee must submit written notification to EPA and IDEQ as an electronic attachment to a DMR that the plan has been implemented (see II.I).
6. NPDES Application Renewal	The application must be submitted by June 3, 2019 (see V.B).
7. Surface Water Monitoring Report	The report must be submitted to EPA and IDEQ annually as an electronic attachment to a DMR by February 20 th of the following year (see I.F).
8. Compliance Schedule	Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit must be submitted no later than 14 days following each schedule date (see I.C, I.D, and III.K).
9. Twenty-Four Hour Notice of Noncompliance Reporting	The permittee must report certain occurrences of noncompliance by telephone within 24 hours from the time the permittee becomes aware of the circumstances. (See I.B.2 and III.G).
10. Emergency Response and Public Notification Plan	The permittee must develop and implement an overflow emergency response and public notification plan. The permittee must submit written notice to EPA and IDEQ as an electronic attachment to a DMR that the plan has been developed and implemented by June 20, 2015 (see II.D).

11. Submission of Pretreatment Program The permittee must submit a pretreatment program meeting the requirements of 40 CFR 403.8, as amended at 70 FR 60134, for EPA approval by November 30, 2015 (see II.E.1).

12. Annual Pretreatment Report The Report must be submitted to the pretreatment coordinator no later than January 31st of each calendar year. (See II.A.10).

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I. Limitations and Monitoring Requirements

A. Discharge Authorization

During the effective period of this permit, the permittee is authorized to discharge pollutants from Outfall 001 to the Spokane River, within the limits and subject to the conditions set forth herein. This permit authorizes the discharge of only those pollutants resulting from facility processes, waste streams, and operations that have been clearly identified in the permit application process.

B. Effluent Limitations and Monitoring

- The permittee must limit and monitor discharges from outfall 001 as specified in Table 1, below. All figures represent maximum effluent limits unless otherwise indicated. The permittee must comply with the effluent limits in the table at all times unless otherwise indicated, regardless of the frequency of monitoring or reporting required by other provisions of this permit.

Parameter	Units	Effluent limits			Monitoring Requirements		
		Average Monthly Limit	Average Weekly Limit	Max. Daily Limit	Location	Frequency	Sample Type
Flow	mgd	Report	—	Report	Effluent	Continuous	Recording
Five-day carbonaceous biochemical oxygen demand (CBOD₅) November – January	mg/L	25	40	—	Influent and Effluent	1/week	24-Hour Composite
	lb/day	1043	1668	—			Calculation ²
	% removal	85% (min.)	—	—	% removal	1/month	Calculation ³
CBOD₅¹ February – October	mg/L	25	40	—	Influent and Effluent	3/week	24-Hr. Comp.
	lb/day	Seasonal Average Limit: 255 lb/day. See I.B.10.					Calculation ²
	% removal	85% (min.)	—	—	% removal	1/month	Calculation ³
Total Suspended Solids	mg/L	30	45	—	Influent and Effluent	1/week	24-Hr. Comp.
	lb/day	1251	1877	—			Calculation ²
	% removal	85% (min.)	—	—	% removal	1/month	Calculation ³
pH October – June	s.u.	6.3 – 9.0 at all times			Effluent	5/week	Grab
pH July – September	s.u.	6.4 – 9.0 at all times			Effluent	5/week	Grab
E. coli	#/100 ml	126 ⁴ (geometric mean)	—	406 (inst. max.)	Effluent	5/month	Grab
Total Residual Chlorine July – September if chlorine is used for disinfection or elsewhere in the treatment process	µg/L	127	—	294	Effluent	2/day	Grab
	lb/day	5.30	—	13.6			Calculation ²

Table 1: Final Effluent Limits and Monitoring Requirements for Outfall 001							
Parameter	Units	Effluent limits			Monitoring Requirements		
		Average Monthly Limit	Average Weekly Limit	Max. Daily Limit	Location	Frequency	Sample Type
Total Residual Chlorine October – June if chlorine is used for disinfection or elsewhere in the treatment process	µg/L	244	—	565	Effluent	1/day	Grab
	lb/day	10.2	—	23.6			Calculation ²
Total Residual Chlorine If chlorine is not used for disinfection or elsewhere in the treatment process	No monitoring or reporting required.						
Chlorine Usage	lb/day	—	—	Report	Chlorine contact chamber	1/day	Measure
Total Ammonia as N February – October	mg/L	Report	—	Report	Effluent	3/week	24-Hr. Comp.
	lb/day	Seasonal Average Limit: 255 lb/day. See I.B.10.					Calculation ²
Total Ammonia as N July – September	mg/L	8.2	—	29.5	Effluent	3/week	24-Hr. Comp.
	lb/day	342	—	1230			Calculation ²
Total Ammonia as N November – January	mg/L	25.4	—	91.7	Effluent	1/month	24-Hr. Comp.
	lb/day	1059	—	3824			Calculation ²
Total Phosphorus as P¹ February – October	µg/L	Report	Report	—	Effluent	3/week	24-Hr. Comp.
	lb/day	Report	Report	—			Calculation ²
	lb/day	Seasonal Average Limit: 3.19 lb/day. See I.B.10.					
Total Phosphorus as P November – January	µg/L	Report	Report	—	Effluent	1/week	24-Hr. Comp.
Copper (July – September)	µg/L	13.8	—	27.7	Effluent	1/month	24-Hr. Comp.
	lb/day	0.58	—	1.16			Calculation ²
Copper (Oct. – June)	µg/L	Report	—	Report	Effluent	1/month	24-Hr. Comp.
Lead	µg/L	2.05	—	3.79	Effluent	1/month	24-Hr. Comp.
	lb/day	0.0855	—	0.158			Calculation ²
Zinc	µg/L	84.3	—	115	Effluent	1/month	24-Hr. Comp.
	lb/day	3.52	—	4.80			Calculation ²
Temperature	°C	Report	—	Report	Effluent	5/week	Grab
Cadmium	µg/L	Report	—	Report	Effluent	1/month	24-Hr. Comp.
Silver	µg/L	Report	—	Report	Effluent	1/month	24-Hr. Comp.
Alkalinity	mg/L as CaCO ₃	Report	—	Report	Effluent	1/month	24-Hr. Comp.
Hardness	mg/L as CaCO ₃	Report	—	Report	Effluent	1/month	24-Hr. Comp.
Oil and Grease	mg/L	Report	—	Report	Effluent	1/quarter ⁷	Grab
Total Dissolved Solids	mg/L	Report	—	Report	Effluent	1/quarter ⁷	24-Hr. Comp.
Polychlorinated Biphenyl (PCB) Congeners⁵	pg/L	Report	—	Report	Influent	1/2 months ⁸	24-Hr. Comp.
PCB Congeners⁵	pg/L	Report	—	Report	Effluent	1/quarter ⁷	24-Hr. Comp.
2,3,7,8 tetrachloro-dibenzo-p-dioxin (TCDD)⁶	pg/L	Report	—	Report	Influent and Effluent	1/quarter ⁷	24-Hr. Comp.
Orthophosphate as P	µg/L	Report	—	Report	Effluent	1/month	24-Hr. Comp.
Total Kjeldahl Nitrogen	mg/L	Report	—	Report	Effluent	1/month	24-Hr. Comp.

Table 1: Final Effluent Limits and Monitoring Requirements for Outfall 001							
Parameter	Units	Effluent limits			Monitoring Requirements		
		Average Monthly Limit	Average Weekly Limit	Max. Daily Limit	Location	Frequency	Sample Type
Nitrate + Nitrite as N	mg/L	Report	—	Report	Effluent	1/month	24-Hr. Comp.
Dissolved Oxygen	mg/L	Report minimum and average			Effluent	5/week	Grab
NPDES Application Form 2A Effluent Testing	See I.B.10				Effluent	3x/5years	—
Whole Effluent Toxicity	TU _c	See I.E.			Effluent	2/year	24-Hr. Comp.

Notes:

1. These effluent limits are subject to a compliance schedule. See I.C and I.D.
2. Loading is calculated by multiplying the concentration in mg/L by the corresponding flow (in mgd) for the day of sampling and a conversion factor of 8.34. For more information on calculating, averaging, and reporting loads and concentrations see the *NPDES Self-Monitoring System User Guide* (EPA 833-B-85-100, March 1985).
3. Percent removal is calculated using the following equation:

$$\frac{(\text{average monthly influent concentration} - \text{average monthly effluent concentration})}{\text{average monthly influent concentration}}$$
4. The average monthly E. coli bacteria counts must not exceed a geometric mean of 126/100 ml based on a minimum of five samples taken every 3-7 days within a calendar month. See Part VI for a definition of geometric mean.
5. See I.B.11.
6. See I.B.12.
7. Quarters are defined as January – March, April – June, July – September, and October – December.
8. Two-month reporting periods are defined as January – February, March – April, May – June, July – August, September – October, and November – December.

2. The permittee must report within 24 hours of discovery any violation of the maximum daily or instantaneous maximum limits for the following pollutants: E. coli, total ammonia as N, copper, lead, zinc, and total residual chlorine. Violations of all other effluent limits are to be reported at the time that discharge monitoring reports are submitted (See III.B and III.H).
3. Effluent loadings of copper (July – September), lead and zinc and concentrations of cadmium, copper, lead, silver and zinc must be reported as total recoverable metal.
4. The permittee must not discharge floating, suspended, or submerged matter of any kind in amounts causing nuisance or objectionable conditions or that may impair designated beneficial uses of the Spokane River.
5. The permittee must collect effluent samples from the effluent stream after the last treatment unit prior to discharge into the receiving waters.
6. Minimum Levels. For all effluent monitoring, the permittee must use methods that can achieve a minimum level (ML) less than the effluent limitation. If the effluent limit is less than the minimum level of the most sensitive EPA-approved analytical method, the permittee must use the most sensitive EPA-approved analytical method. For parameters that do not have concentration effluent limitations, the permittee must use methods that can achieve MLs less than or equal to those specified in Table 2. If no minimum level is listed in Table 2 and the pollutant is not subject to an effluent limit, the permittee may use any EPA-

approved method for analysis. The permittee may request different MLs. The request must be in writing and must be approved by EPA. For monitoring of PCB congeners and 2,3,7,8 TCDD, the permittee must comply with parts I.B.11 and I.B.12 of this permit.

Parameter	Units	Maximum ML
Cadmium	µg/L	1
Nitrate + Nitrite as N	µg/L	50
Silver	µg/L	0.3
Total Ammonia as N	µg/L	50
Total Kjeldahl Nitrogen	µg/L	100
Total Phosphorus	µg/L	10
PCB Congeners	pg/L	See I.B.11.
2,3,7,8 tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	See I.B.12.
Mercury (expanded effluent testing)	µg/L	0.01

7. For purposes of reporting on the DMR for a single sample, if a value is less than the MDL, the permittee must report “less than {numeric value of the MDL}.” If a value is less than the ML, the permittee must report “less than {numeric value of the ML},” except for PCB congeners and 2,3,7,8 TCDD. For PCB congeners and 2,3,7,8 TCDD, if a value is greater than the MDL, the permittee must report the actual value, even if it is less than the ML.
8. For purposes of calculating seasonal, monthly and weekly average mass loadings and concentrations, zero may be assigned for values less than the MDL, and the {numeric value of the MDL} may be assigned for values between the MDL and the ML. If the average value is less than the MDL, the permittee must report “less than {numeric value of the MDL}” and if the average value is less than the ML, the permittee must report “less than {numeric value of the ML}.” If a value is equal to or greater than the ML, the permittee must report and use the actual value.
9. The permittee must perform the effluent testing required by Parts B.6 and D of NPDES application Form 2A (EPA Form 3510-2A, revised 1-99). The permittee must submit the results of this testing with its application for renewal of this NPDES permit. To the extent that effluent monitoring required by other conditions of this permit satisfies this requirement, these samples may be used to satisfy the requirements of this paragraph.
10. Seasonal average effluent limits for total phosphorus, CBOD₅ and ammonia:
 - a) The seasonal average total phosphorus load must not exceed 3.19 lb/day for the season of February 1st through October 31st each year, inclusive.
 - b) The seasonal average CBOD₅ load must not exceed 255 lb/day for the season of February 1st through October 31st each year, inclusive.
 - c) The seasonal average ammonia load must not exceed 255 lb/day for the season of February 1st through October 31st each year, inclusive.

- d) The seasonal average total phosphorus, CBOD₅, and ammonia loads must be calculated as the sum of all daily discharges measured during February 1st through October 31st each year, inclusive, divided by the number of daily discharges measured during that season. If the daily average effluent flow rate is zero for at least three days during the season, the permittee may include zero pound per day daily discharge values in the calculation of the seasonal average total phosphorus, CBOD₅ and ammonia loads as specified in Attachment A of this permit.
 - e) The seasonal average total phosphorus, CBOD₅ and ammonia loads must be reported on the October DMR, regardless of whether a discharge of pollutants occurs during the month of October.
 - f) The permittee must report the monthly average, maximum weekly average, and/or daily maximum total phosphorus, CBOD₅ and ammonia loads and concentrations on the monthly DMRs for February – October, inclusive, as stated in Table 1.
 - g) In addition to the seasonal average limits for CBOD₅ and ammonia, the permittee must comply with the average monthly, average weekly and/or maximum daily limits stated in Table 1.
 - h) On the DMRs for February – September, inclusive, the permittee must calculate and report the partial seasonal average total phosphorus, CBOD₅ and ammonia loads for February 1st through the last day of the monitoring month, inclusive. The partial seasonal average loads must be reported every month from February through September, inclusive, regardless of whether a discharge of pollutants occurs during a given month. The partial seasonal average total phosphorus, CBOD₅ and ammonia loads must be calculated as the sum of all daily discharges measured during the season of February 1st through the last day of the monitoring month, inclusive, divided by the number of daily discharges measured during that time frame. If the daily average effluent flow rate is zero for at least three days during the season, the permittee may include zero pound per day values in the calculation of the partial seasonal average total phosphorus load as specified in Attachment A of this permit.
 - i) If the partial seasonal average total phosphorus, CBOD₅ and/or ammonia loads for calculated as described in part I.B.10.h, above, are greater than the corresponding seasonal average effluent limit(s), the permittee must submit a written report with the DMR, explaining the steps that the permittee will take to reduce its discharge of total phosphorus, CBOD₅ and/or ammonia in order to achieve compliance with the seasonal average effluent limit(s) by October 31st.
11. The permittee must analyze influent and effluent samples for polychlorinated biphenyl (PCB) congeners and report the results as specified below.
- a) For the first four influent and effluent samples for PCB congeners, the permittee must use EPA Method 1668 for analysis.

- b) If at least one of the first four influent or effluent samples contains less than 5.0 nanograms per liter total PCBs, the permittee must continue to use EPA method 1668 for subsequent analysis of PCB congeners at such location(s).
 - c) If all of the first four influent or effluent samples contain at least 5.0 nanograms per liter total PCBs, the permittee may use either EPA Method 8082 or 1668 for analysis of PCB congeners in subsequent samples at the location(s) where concentrations were always greater than or equal to 5.0 nanograms per liter in the first four samples.
 - d) For any analysis of influent or effluent PCB congeners using EPA Method 8082, the permittee must target an ML no greater than 5.0 nanograms per liter per congener and must, at a minimum, analyze for each of the individual congeners listed in Section 1.1 of the method.
 - e) For any analysis of influent or effluent PCB congeners using EPA Method 1668, the permittee must target MDLs no greater than the MDLs listed in Table 2 of EPA Method 1668 Revision C (EPA-820-R-10-005) and must analyze for each of the 209 individual congeners.
 - f) The permittee must report results on the DMR for the last month of the monitoring period as total PCBs. The total PCB concentration must be calculated as the sum of the concentrations of all PCB congeners measured at concentrations greater than the MDLs. The permittee must submit the laboratory results of the congener analysis with the DMRs.
 - g) The permittee must analyze a split of each influent and effluent PCB sample for total suspended solids (TSS). When the timing of sample collection coincides with that of the TSS sampling required in Table 1, analysis of the split sample will fulfill the requirements of Table 1 as well.
 - h) Influent sampling for PCB congeners must begin no later than the first two-month reporting period of calendar year 2015.
 - i) Effluent sampling for PCB congeners must begin no later than the first quarter of calendar year 2015.
12. The permittee must analyze influent and effluent samples for 2,3,7,8 TCDD and report the results as specified below.
- a) For analysis of influent and effluent samples for 2,3,7,8 TCDD, the permittee must use EPA Method 1613B and must target an ML no greater than 10 picograms per liter.
 - b) The permittee must analyze a split of each influent and effluent 2,3,7,8 TCDD sample for TSS. When the timing of sample collection coincides with that of the TSS sampling required in Table 1, analysis of the split sample will fulfill the requirements of Table 1 as well.
 - c) Influent and effluent sampling for 2,3,7,8 TCDD must begin no later than the first quarter of calendar year 2015.

C. Schedules of Compliance

1. The permittee must comply with all effluent limitations and monitoring requirements in Part I.B beginning on the effective date of this permit, except those for which a compliance schedule is specified in Part I.C.2.
2. A schedule of compliance is authorized only for the following effluent limits:
 - a) Total phosphorus effluent limits in effect during February – October.
 - b) CBOD₅ effluent limits in effect during February – October.
3. The permittee must achieve compliance with the final effluent limitations for total phosphorus and CBOD₅ as set forth in Part I.B (Table 1) of the permit, not later than November 30, 2024.

D. Interim Requirements for Schedules of Compliance

1. While the schedules of compliance specified in Part I.C.2 are in effect, the permittee must comply with interim effluent limitations and monitoring requirements as specified in Table 3, below.
2. By November 30, 2015, the permittee must provide a preliminary engineering report to EPA and DEQ outlining estimated costs and schedules for completing capacity expansion and implementation of technologies to achieve final effluent limitations. This schedule must include a timeline for pilot testing and results of any testing conducted to date.
3. By November 30, 2017, the permittee must provide written notice to EPA and DEQ that pilot testing of the technology that will be employed to achieve the final limits has been completed and must submit a summary report of results and plan for implementation. If pilot testing is determined to be unnecessary by the permittee, the summary report shall include the reasons for this decision.
4. By November 30, 2019, the permittee must provide EPA and IDEQ with written notice that design has been completed and bids have been awarded to begin construction to achieve final effluent limitations.
5. By November 30, 2022, the permittee must provide EPA and DEQ with written notice that construction has been completed on the facilities to achieve final effluent limitations.
6. By November 30, 2024, the permittee must provide EPA and DEQ with a written report providing details of a completed start up and optimization phase of the new treatment system and must achieve compliance with the final effluent limitations of Part LB. The report shall include two years of effluent data demonstrating that final effluent limits can be achieved by year ten (10).
7. By years November 30, 2016, November 30, 2018, November 30, 2020, November 30, 2021, and November 30, 2023, the permittee must submit to EPA and IDEQ progress reports, which outline the progress made toward achieving compliance with the total phosphorus effluent limitations. At a minimum, the reports must include:

- a) An assessment of the previous year of effluent data and comparison to the interim effluent limitations.
- b) A report on progress made toward meeting the final effluent limits.
- c) Further actions and milestones targeted for the upcoming year.

Parameter	Units	Effluent limits		Monitoring Requirements		
		Average Monthly Limit	Average Weekly Limit	Location	Frequency	Sample Type
CBOD ₅ February – October	mg/L	25	40	Influent and Effluent	3/week	24-Hr. Comp.
	lb/day	726	1161			Calculation
	% removal	85% (min.)	—	% removal	1/month	Calculation
Total Phosphorus as P February – October	mg/L	Report	Report	Influent and Effluent	3/week	24-Hr. Comp.
	lb/day	68.5	110			Calculation
	% removal	70% (min.)	—	% removal	1/month	Calculation

E. Whole Effluent Toxicity Testing Requirements

The permittee must conduct chronic toxicity tests on effluent samples from outfall 001. Testing must be conducted in accordance with subsections 1 through 7, below.

1. Toxicity testing must be conducted on 24-hour composite samples of effluent. In addition, a split of each sample collected must be analyzed for the chemical and physical parameters required in Part I.B, above, with a required sampling frequency of monthly or more frequently, using the sample type required in Part I.B. For parameters for which grab samples are required in Part I.B, grab samples must be taken during the same 24-hour period as the 24-hour composite sample used for the toxicity tests. When the timing of sample collection coincides with that of the sampling required in Part I.B, analysis of the split sample will fulfill the requirements of Part I.B as well.
2. Chronic Test Species and Methods
 - a) For outfall 001, chronic tests must be conducted twice per year, once during the period from October 1 through June 30, and once during the period from July 1 through September 30.
 - b) The permittee must conduct short-term tests with the water flea, *Ceriodaphnia dubia* (survival and reproduction test), the fathead minnow, *Pimephales promelas* (larval survival and growth test), and a green alga, *Selenastrum capricornutum* (growth test) for the first three suites of tests. After this screening period, monitoring must be conducted using the most sensitive species, which is defined below.
 - (i) The most sensitive species is the species which, during the screening period, produces the greatest maximum toxicity result in chronic toxic units (TUc), which is defined in Part I.D.2.d, below.

- (ii) If all three species produce the identical maximum toxicity result (including no toxicity in 100% effluent) the permittee must use *Ceriodaphnia dubia* for subsequent tests.
 - (iii) If two species produce the identical maximum toxicity result, which is greater than 1.0 TU_c and also greater than the maximum toxicity result of the third species, the permittee may use either of the two species producing the greater maximum toxicity result for subsequent tests.
- c) The presence of chronic toxicity must be determined as specified in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms*, Fourth Edition, EPA/821-R-02-013, October 2002.
- d) Results must be reported in TU_c (chronic toxic units), which is defined as follows:
- (i) For survival endpoints, $TU_c = 100/NOEC$.
 - (ii) For all other test endpoints, $TU_c = 100/IC_{25}$.
 - (iii) IC₂₅ means “25% inhibition concentration.” The IC₂₅ is a point estimate of the toxicant concentration, expressed in percent effluent, that causes a 25% reduction in a non-quantal biological measurement (e.g., reproduction or growth) calculated from a continuous model (e.g., Interpolation Method).
 - (iv) NOEC means “no observed effect concentration.” The NOEC is the highest concentration of toxicant, expressed in percent effluent, to which organisms are exposed in a chronic toxicity test [full life-cycle or partial life-cycle (short term) test], that causes no observable adverse effects on the test organisms (i.e., the highest concentration of effluent in which the values for the observed responses are not statistically significantly different from the controls).
3. Quality Assurance
- a) The toxicity testing on each organism must include a series of five test dilutions and a control. The dilution series must include the receiving water concentration (RWC), which is the dilution associated with the chronic toxicity trigger, two dilutions above the RWC, and two dilutions below the RWC. The RWCs are:
- (i) 5.8% effluent for July 1 through September 30
 - (ii) 2.9% effluent for October 1 through June 30.
- b) All quality assurance criteria and statistical analyses used for chronic tests and reference toxicant tests must be in accordance with *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms*, Fourth Edition, EPA/821-R-02-013, October 2002, and individual test protocols.

- c) In addition to those quality assurance measures specified in the methodology, the following quality assurance procedures must be followed:
 - (i) If organisms are not cultured in-house, concurrent testing with reference toxicants must be conducted. If organisms are cultured in-house, monthly reference toxicant testing is sufficient. Reference toxicant tests must be conducted using the same test conditions as the effluent toxicity tests.
 - (ii) If either of the reference toxicant tests or the effluent tests do not meet all test acceptability criteria as specified in the test methods manual, the permittee must re-sample and re-test within 14 days of receipt of the test results.
 - (iii) Control and dilution water must be receiving water or lab water, as appropriate, as described in the manual. If the dilution water used is different from the culture water, a second control, using culture water must also be used. Receiving water may be used as control and dilution water upon notification of EPA and IDEQ. In no case shall water that has not met test acceptability criteria be used for either dilution or control.
4. Reporting
 - a) The permittee must submit the results of the toxicity tests with the discharge monitoring reports (DMRs). Toxicity tests taken from October 1st through June 30th must be reported on the August DMR. Toxicity tests taken from July 1st through September 30th must be reported on the November DMR.
 - b) The report of toxicity test results must include all relevant information outlined in Section 10, Report Preparation, of *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms*, Fourth Edition, EPA/821-R-02-013, October 2002. In addition to toxicity test results, the permittee must report: Dates of sample collection and initiation of each test; effluent flow rate at the time of sample collection; and the results of the monitoring required in Part I.B of this permit, for parameters with a required monitoring frequency of once per month or more frequently.
5. Preparation of initial investigation toxicity reduction evaluation (TRE) plan: Prior to initiation of the toxicity testing required by this permit, the permittee shall submit to EPA a copy of the permittee's initial investigation TRE workplan. This plan shall describe the steps the permittee intends to follow in the event chronic toxicity is detected at levels greater than the triggers in Part I.E.6, and should include at a minimum:
 - a) A description of the investigation and evaluation techniques that would be used to identify potential causes/sources of toxicity, effluent variability, treatment system efficiency;

- b) A description of the facility's method of maximizing in-house treatment efficiency, good housekeeping practices, and a list of all chemicals used in operation of the facility; and
 - c) If a toxicity identification evaluation (TIE) is necessary, who will conduct it (i.e., in-house or other).
6. Accelerated testing
- a) The chronic toxicity triggers are:
 - (i) 17.2 TU_c for July 1 – September 30.
 - (ii) 34.3 TU_c for October 1 – June 30.
 - b) If chronic toxicity is detected above the triggers in Part I.E.6.a, the permittee must implement the initial investigation TRE workplan. If implementation of the initial investigation TRE workplan indicates the source of toxicity (for instance, a temporary plant upset), then only one additional test is necessary.
 - c) If chronic toxicity is detected above the triggers in Part I.E.6.a in the test required under Part I.E.6.b, above, then the permittee shall conduct six more tests, bi-weekly (every two weeks), over a twelve-week period. Testing shall commence within two weeks of receipt of the sample results of the exceedance.
7. Toxicity Reduction Evaluation (TRE)
- a) If chronic toxicity is detected above the triggers in Part I.E.6.a in any of the six additional tests required under Part I.E.6.c, then, in accordance with the permittee's initial investigation TRE workplan and EPA manual EPA 833-B-99-002 (*Toxicity Reduction Evaluation Guidance for Municipal Wastewater Treatment Plants*), the permittee shall initiate a TRE within fifteen (15) days of receipt of the sample results of the exceedance. The permittee will develop as expeditiously as possible a more detailed TRE workplan, which includes:
 - (i) Further actions to investigate and identify the cause of toxicity;
 - (ii) Actions the permittee will take to mitigate the impact of the discharge and to prevent the recurrence of toxicity; and
 - (iii) A schedule for these actions.
 - b) The permittee may initiate a TIE as part of the overall TRE process described in the EPA acute and chronic TIE manuals EPA/600/6-91/005F (Phase I), EPA/600/R-92/080 (Phase II), and EPA-600/R-92/081 (Phase III).
 - c) If none of the six tests required under Part I.E.6.c above indicated toxicity, then the permittee may return to the normal testing frequency.
 - d) If a TIE is initiated prior to completion of the accelerated testing, the accelerated testing schedule may be terminated or used as necessary in performing the TIE.

F. Surface Water Monitoring

The permittee must conduct surface water monitoring. Surface water monitoring must start by May 31, 2015 and continue as long as this permit remains in effect. The program must meet the following requirements:

1. Monitoring stations must be established in the Spokane River at the following locations:
 - a) Spokane River downstream of the Hayden Area Regional Sewer Board (HARSB) outfall and upstream of the City of Post Falls outfall.
 - b) Spokane River downstream of the City of Post Falls outfall.
2. Monitoring locations for PCB congeners may be different from the monitoring locations for other parameters as long as such PCB monitoring locations fit the descriptions in Part I.F.1.
3. The permittee must seek approval of the surface water monitoring stations from IDEQ prior to initiating surface water monitoring.
4. A failure to obtain IDEQ approval of surface water monitoring stations does not relieve the permittee of the surface water monitoring requirements of this permit.
5. All ambient samples must be grab samples.
6. Samples must be analyzed for the parameters listed in Table 4, and must achieve minimum levels (MLs) that are equivalent to or less than those listed in Table 4. The permittee may request different MLs. The request must be in writing and must be approved by EPA. If no maximum ML is listed in Table 4 for a particular pollutant, the permittee may use any EPA-approved method for analysis.
7. Quality assurance/quality control plans for all the monitoring must be documented in the Quality Assurance Plan required under Part II.D, "Quality Assurance Plan".
8. The permittee must submit surface water monitoring results for the previous calendar year for all parameters in an annual report to EPA and IDEQ as an electronic attachment to a DMR by February 20th of the following year. At a minimum, the annual report must include the following:
 - a) Dates of sample collection and analyses.
 - b) Results of sample analysis.
 - c) Relevant quality assurance/quality control (QA/QC) information.
9. Any receiving water sampling for PCB congeners performed by or for the Spokane River Regional Toxics Task Force that otherwise meets the receiving water PCB sampling requirements of this permit may be used to fulfill such requirements.

Parameter (units)	Sample Locations	Sample Frequency	Sample Type	Maximum ML
CBOD ₅	Upstream and Downstream	8/year ¹	Grab	—

Table 4: Surface Water Monitoring Requirements				
Parameter (units)	Sample Locations	Sample Frequency	Sample Type	Maximum ML
Total Ammonia as N (mg/L)	Upstream and Downstream	8/year ¹	Grab	0.05 mg/L
pH (standard units)	Upstream and Downstream	8/year ¹	Grab	—
Nitrate + Nitrite as N (mg/L)	Upstream and Downstream	8/year ¹	Grab	0.1 mg/L
Total Phosphorus as P (µg/L)	Upstream and Downstream	8/year ¹	Grab	5 µg/L
Orthophosphate as P (µg/L)	Upstream and Downstream	8/year ¹	Grab	5 µg/L
Dissolved Oxygen (mg/L)	Upstream and Downstream	8/year ¹	Grab	—
Chlorophyll a	Upstream and Downstream	8/year ¹	Grab	1 µg/L
PCB Congeners	Upstream and Downstream	2/year ²	Grab	Note 3
Notes: 1. The permittee must sample the receiving water at least twice per month during the months of July, August, September, and October. 2. The permittee must sample the receiving water at least once during the season of April 1 – June 30 and at least once during the season of July 1 – October 31. 3. The permittee must use EPA Method 1668 for analysis of receiving water samples for PCBs, must target MDLs no greater than the MDLs listed in Table 2 of EPA Method 1668 Revision C (EPA-820-R-10-005), and must analyze for each of the 209 individual congeners.				

II. Special Conditions

A. Operation and Maintenance Plan

In addition to the requirements specified in Section III.E of this permit (Proper Operation and Maintenance), the permittee must develop an operations and maintenance (O&M) plan for the current wastewater treatment facility and provide written notice to EPA and IDEQ as an electronic attachment to a DMR that the O&M plan has been developed and implemented by June 20, 2015. Any existing operation and maintenance plans may be modified for compliance with this section. The plan must be retained on site and made available on request to EPA and IDEQ. Any changes occurring in the operation of the plant shall be reflected within the Operation and Maintenance plan.

B. Phosphorus Management Plan

The permittee must submit to EPA and IDEQ a phosphorus management plan for the facility as an electronic attachment to a DMR by December 20, 2015. The information obtained in compliance with Parts II.B.1-4 must be recorded and retained by the permittee within the phosphorus management plan. The permittee must provide written notice to EPA and IDEQ that it has implemented the phosphorus

management plan as an electronic attachment to a DMR by June 20, 2016. The phosphorus management plan must meet the requirements below.

1. The permittee must compile influent and effluent total phosphorus data for the water reclamation facility.
2. The permittee must evaluate the water reclamation facility's total phosphorus reduction potential.
 - a) The permittee must compare its effluent total phosphorus concentrations against typical values for wastewater treatment plants utilizing similar treatment technology.
 - b) If the effluent total phosphorus concentrations are higher than typical levels, the permittee must investigate the cause of the high total phosphorus concentrations and take steps to reduce total phosphorus concentrations.
3. The permittee must identify total phosphorus reduction goals for the water reclamation facility.
 - a) The effluent total phosphorus reduction goals must be consistent with interim or final total phosphorus effluent limits, as appropriate, or with typical values for the type of treatment process employed by the water reclamation facility, whichever results in the lower effluent total phosphorus concentrations or greater reductions in total phosphorus.
 - b) Effluent total phosphorus reduction goals may change depending on whether total phosphorus effluent limits are in effect and the value of the total phosphorus limits, however, total phosphorus reduction goals must be identified for all times.
 - c) Total phosphorus reduction goals that are based on typical values for the type of treatment process employed by the water reclamation facility may be set such that they do not incur operating costs in addition to those necessary to comply with other requirements of this permit.
4. The permittee must consider the following phosphorus reduction strategies and list which strategy or strategies it will employ for phosphorus reduction.
 - a) Water conservation.
 - b) Wastewater re-use.
 - c) Staff training at the WRF.
 - d) Total phosphorus removal at the WRF (chemical, physical, and biological methods).
 - e) Ongoing monitoring.
5. The permittee must revise the phosphorus management plan within 180 days whenever:
 - a) It is found to be ineffective in reaching the total phosphorus reduction goals,
or

- b) Changes to the treatment process that affect the total phosphorus reduction potential of the water reclamation facility (II.C.2.) are completed.
6. The permittee must submit to EPA and IDEQ as an electronic attachment to a DMR an annual report of total phosphorus reductions achieved through the phosphorus management plan. The first annual report is December 20, 2016, and subsequent reports are due annually thereafter.

C. Quality Assurance Plan (QAP)

The permittee must develop a quality assurance plan (QAP) for all monitoring required by this permit. The permittee must submit the QAP to EPA and IDEQ as an electronic attachment to a DMR by June 20, 2015. Any existing QAPs may be modified for compliance with this section.

1. The QAP must be designed to assist in planning for the collection and analysis of effluent and receiving water samples in support of the permit and in explaining data anomalies when they occur.
2. Throughout all sample collection and analysis activities, the permittee must use the EPA-approved QA/QC and chain-of-custody procedures described in *Requirements for Quality Assurance Project Plans* (EPA/QA/R-5) and *Guidance for Quality Assurance Project Plans* (EPA/QA/G-5). The QAP must be prepared in the format that is specified in these documents.
3. At a minimum, the QAP must include the following:
 - a) Details on the number of samples, type of sample containers, preservation of samples, holding times, analytical methods, analytical detection and quantitation limits for each target compound, type and number of quality assurance field samples, precision and accuracy requirements, sample preparation requirements, sample shipping methods, and laboratory data delivery requirements.
 - b) Map(s) indicating the location of each sampling point.
 - c) Qualification and training of personnel.
 - d) Name(s), address(es) and telephone number(s) of the laboratories used by or proposed to be used by the permittee.
4. The permittee must amend the QAP whenever there is a modification in sample collection, sample analysis, or other procedure addressed by the QAP.
5. Copies of the QAP must be kept on site and made available to EPA and/or IDEQ upon request.

D. Emergency Response and Public Notification Plan

1. The permittee must develop and implement an overflow emergency response and public notification plan that identifies measures to protect public health from overflows that may endanger health and unanticipated bypasses or upsets that

exceed any effluent limitation in the permit. At a minimum the plan must include mechanisms to:

- a) Ensure that the permittee is aware (to the greatest extent possible) of all overflows from portions of the collection system over which the permittee has ownership or operational control and unanticipated bypass or upset that exceed any effluent limitation in the permit;
 - b) Ensure appropriate responses including assurance that reports of an overflow or of an unanticipated bypass or upset that exceed any effluent limitation in the permit are immediately dispatched to appropriate personnel for investigation and response;
 - c) Ensure immediate notification to the public, health agencies, and other affected public entities (including public water systems). The overflow response plan must identify the public health and other officials who will receive immediate notification;
 - d) Ensure that appropriate personnel are aware of and follow the plan and are appropriately trained; and
 - e) Provide emergency operations.
2. The permittee must submit written notice to EPA and IDEQ that the plan has been developed and implemented as an electronic attachment to a DMR by June 20, 2015. Any existing emergency response and public notification plan may be modified for compliance with this section.

E. Pretreatment Requirements

1. Submission of Program

The permittee must submit a pretreatment program meeting the requirements of 40 CFR 403.8, as amended, for EPA approval by November 30, 2015.

2. Implementation

The permittee must implement its pretreatment program in accordance with the legal authorities, policies, procedures, staffing levels and financial provisions described in its original approved pretreatment program submission, any program amendments submitted thereafter and approved by EPA, and the general pretreatment regulations (40 CFR 403) and any amendments thereof. At a minimum, the permittee must carry out the following activities:

- a) Enforce prohibitive discharge standards as set forth in 40 CFR 403.5(a) and (b), categorical pretreatment standards promulgated pursuant to Section 307(b) and (c) of the Act (where applicable), and local limitations and BMPs developed by the permittee in accordance with 40 CFR 403.5(c), whichever are more stringent and are applicable to non-domestic users discharging wastewater into the permittee's collection system. Locally derived limitations must be defined as pretreatment standards under Section 307(d) of the Act.

- b) Implement and enforce the requirements of the most recent and EPA-approved portions of local law and regulations (e.g. municipal code, sewer use ordinance) addressing the regulation of non-domestic users.
- c) Update its inventory of non-domestic users at a frequency and diligence adequate to ensure proper identification of non-domestic users subject to pretreatment standards, but no less than once per year. The permittee must notify these users of applicable pretreatment standards in accordance with 40 CFR 403.8(f)(2)(iii).
- d) Issue, reissue, and modify, in a timely manner, industrial wastewater discharge permits to at least all Significant Industrial Users (SIUs) and categorical industrial users. These documents must contain, at a minimum, conditions identified in 40 CFR 403.8(f)(1)(iii), including Best Management Practices, if applicable. The permittee must follow the methods described in its implementation procedures for issuance of individual permits.
- e) Develop and maintain a data management system designed to track the status of the permittee's non-domestic user inventory, non-domestic user discharge characteristics, and their compliance with applicable pretreatment standards and requirements. The permittee must retain all records relating to its pretreatment program activities for a minimum of three years, as required by 40 CFR 403.12(o), and must make such records available to EPA upon request. The permittee must also provide public access to information considered effluent data under 40 CFR 2.
- f) Establish, where necessary, legally binding agreements with contributing jurisdictions to ensure compliance with applicable pretreatment requirements in 40 CFR Part 403 by industrial users within these jurisdictions. These legally binding agreements must identify the agency responsible for the various pretreatment implementation and enforcement activities in the contributing jurisdiction and outline the specific roles, responsibilities and pretreatment activities of each jurisdiction.
- g) Carry out inspections, surveillance, and monitoring of non-domestic users to determine compliance with applicable pretreatment standards and requirements. A complete inspection of all SIUs and sampling of all SIUs' effluent must be conducted at least annually.
- h) Require SIUs to conduct wastewater sampling as specified in 40 CFR 403.12(e) or (h). Frequency of wastewater sampling by the SIUs must be appropriate for the character and volume of the wastewater but no less than twice per year. Sample collection and analysis must be performed in accordance with 40 CFR 403.12(b)(5)(ii) through (v) and 40 CFR 136. In cases where the Pretreatment Standard requires compliance with a Best Management Practice or pollution prevention alternative, the permittee must require the User to submit documentation to determine compliance with the Standard. If the permittee elects to conduct all non-domestic user monitoring for any SIU instead of requiring self-monitoring, the permittee must conduct

sampling in accordance with the requirements of this paragraph, and the requirements of 40 CFR 403.12(g)(2).

- i) Enforce and obtain remedies for any industrial user noncompliance with applicable pretreatment standards and requirements. This must include timely and appropriate reviews of industrial reports to identify all violations of the user's permit, the local ordinance, and federal pretreatment standards and requirements. Once violations have been uncovered, the permittee must take timely and appropriate action to address the noncompliance. The permittee's enforcement actions must follow its EPA-approved enforcement response procedures.
- j) Publish, at least annually, in a newspaper or newspapers of general circulation that provides meaningful public notice within the jurisdiction(s) served by the POTW, a list of all non-domestic users which, at any time in the previous 12 months, were in significant noncompliance as defined in 40 CFR 403.8(f)(2)(viii).
- k) Maintain adequate staff, funds and equipment to implement its pretreatment program.
- l) Conduct an analysis annually to determine whether influent pollutant loadings are approaching the maximum allowable headworks loadings calculated in the permittee's most recent local limits calculations. Any local limits found to be inadequate by this analysis must be revised. The permittee may be required to revise existing local limits or develop new limits if deemed necessary by EPA.

3. Spill Prevention and Slug Discharges

The permittee must implement an accidental spill prevention program to reduce and prevent spills and slug discharges of pollutants from non-domestic users.

- a) Control mechanisms for SIUs must contain requirements to control slug discharges if determined by the POTW to be necessary [40 CFR 403.8(f)(1)(iii)(B)(6)].
- b) SIUs must be evaluated for the need for a plan or other action to control slug discharges within 1 year of being designated an SIU. For IUs designated as significant prior to November 14, 2005, this evaluation must be conducted by October 14, 2006 [40 CFR 403.8(f)(2)(vi)].
- c) SIUs must notify the POTW immediately of any changes at their facilities affecting the potential for a slug discharge [40 CFR 403.8(f)(2)(vi)].

4. Enforcement Requirement

Whenever EPA finds, on the basis of any available information, that the owner or operator of any source is introducing a pollutant into the POTW in violation of national pretreatment standards, including prohibited discharges, local limits, or categorical standards, or has caused interference or pass through, EPA may notify the owner or operator of the POTW of such violation. If, within 30 days after such notification has been sent by EPA to the POTW, the POTW fails to commence appropriate enforcement action to correct the violation, EPA may take

appropriate enforcement action under the authority provided in section 309(f) of the Clean Water Act.

5. Modification of the Pretreatment Program

If the permittee elects to modify any components of its pretreatment program, it must comply with the requirements of 40 CFR 403.18. No substantial program modification, as defined in 40 CFR 403.18(b), may be implemented prior to receiving written authorization from EPA.

6. Local Limits Evaluation

By November 30, 2015, the permittee must submit to EPA a complete local limits evaluation pursuant to 40 CFR 403.5(c)(1). The study must take into account water quality in the receiving stream, inhibition levels for biological processes in the treatment plant, and sludge quality goals. The study must address at least the following pollutants: arsenic, 5-day biochemical oxygen demand, cadmium, chromium, copper, cyanide, lead, mercury, molybdenum, nickel, selenium, silver, total suspended solids, and zinc and any other pollutants of concern. The permittee must address total phosphorus and total ammonia as N if the POTW accepts non-domestic discharges of these pollutants. Submitted results of the study must include proposed local limits, maximum allowable headworks loadings, all supporting calculations, and all assumptions.

7. Control of Undesirable Pollutants

The permittee must not allow introduction of the following pollutants into the publicly owned treatment works (POTW):

- a) Pollutants which will create a fire or explosion hazard in the POTW, including, but not limited to, wastestreams with a closed cup flashpoint of less than 140 °F or 60 °C using the test methods specified in 40 CFR 261.21;
- b) Pollutants which will cause corrosive structural damage to the POTW, but in no case, indirect discharges with a pH lower than 5.0, unless the POTW is designed to accommodate such indirect discharges;
- c) Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW (including the collection system) resulting in interference;
- d) Any pollutant, including oxygen demanding pollutants (BOD, etc.), released in an indirect discharge at a flow rate and/or pollutant concentration which will cause interference with the POTW;
- e) Heat in amounts which inhibit biological activity in the POTW resulting in interference, but in no case heat in such quantities that the temperature at the POTW treatment plant exceeds 40 °C (104 °F) unless the Regional Administrator, upon request of the POTW, approves alternate temperature limits;
- f) Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through;

- g) Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems; and
 - h) Any trucked or hauled pollutants, except at discharge points designated by the POTW.
8. Requirements for Industrial users

The permittee must require any industrial user of its treatment works to comply with any applicable requirements in 40 CFR 403 through 471.

9. Sampling Requirements for Development and Maintenance of Local Limits

- a) The permittee must conduct one-time sampling in support of its initial local limits calculations, as described in Table 5, below. To the extent that monitoring required by other conditions of this permit satisfies the requirements of Table 5, this sampling can be used to satisfy the requirements of Table 5.

Table 5: One-Time Monitoring Requirements for Development of Local Limits				
Parameter	Minimum Days To Sample			
	POTW Influent	POTW Effluent	POTW Sludge	Collection System
Arsenic	7	7	2	7
Cadmium	7	7	2	7
Chromium	7	7	2	7
Copper	7	7	2	7
Cyanide	7	7	2	7
Lead	7	7	2	7
Mercury	7	7	2	7
Molybdenum	7	7	2	7
Nickel	7	7	2	7
Selenium	7	7	2	7
Silver	7	7	2	7
Zinc	7	7	2	7
CBOD₅	7	7	N/A	7
TSS	7	7	N/A	7
Ammonia	7	7	2	7
Phosphorus	7	7	2	7
Organic Priority Pollutants	1	1	1	1
Percent Solids	N/A	N/A	2	N/A

- b) The permittee must conduct ongoing sampling for continued local limits analysis and evaluation as described in Table 8, below. To the extent that monitoring required by other conditions of this permit satisfies the requirements of Table 6, this sampling can be used to satisfy the requirements of Table 6.

Table 6: Ongoing Pretreatment Monitoring

Pollutant	Locations	Frequency
Pollutants for which local limits were developed	Influent, Effluent, Sludge	1/quarter ¹
Pollutants for which maximum allowable headworks loadings were calculated but no local limits were adopted	Influent, Effluent, Sludge	Annual
Organic priority pollutants	Influent	Annual

1. Quarters are defined as January – March, April – June, July – September, and October – December.

- c) Sampling procedures for pretreatment monitoring: 24-hour composite samples must be used except for the following pollutants (if applicable): pH, cyanide, VOCs, total phenols, oil and grease, total petroleum hydrocarbons, sulfide, flashpoint, and temperature. When grab samples are used, at least four grab samples should be collected per sampling event.
 - d) Analytical methods for pretreatment monitoring: For analysis of wastewater, the permittee must use the approved methods 40 CFR 136. For analysis of sludge, the permittee must comply with 40 CFR 503.
 - e) Sludge Sampling: Sludge samples must be taken as the sludge leaves the dewatering device or digesters.
 - f) Sludge Reporting: Metals concentrations in sludge must be reported in mg/kg, dry weight.
 - g) Reporting Results: Analytical results for each day's samples must be reported separately. Sample results must be submitted with the pretreatment annual report required in paragraph 10, below.
 - h) Cyanide sampling: Influent and effluent sampling for cyanide must be conducted as follows. At least four discrete grab samples must be collected over a 24-hour day. Each grab sample must be at least 100 ml. Each sample must be checked for the presence of chlorine and/or sulfides prior to preserving and compositing (refer to Standard Methods, 4500-CN B). If chlorine and/or sulfides are detected, the sample must be treated to remove any trace of these parameters. After testing and treating for the interference compounds, the pH of each sample must be adjusted, using sodium hydroxide, to 12.0 standard units. Each sample can then be composited into a larger container which has been chilled to 4 degrees Celsius, to allow for one analysis for the day.
10. Pretreatment Report

- a) The permittee must submit an annual report pursuant to 40 CFR 403.12(i) that describes the permittee's program activities over the January 1st through December 31st report year. This report must be submitted to the following address no later than January 31st of each year:

Pretreatment Coordinator
U.S. Environmental Protection Agency
Region 10, OWW-130
1200 Sixth Avenue, Suite 900
Seattle, WA 98101-3140

- b) The pretreatment report must be compiled following the Region 10 Annual Report Guidance. At a minimum, the report must include:
- (i) An updated non-domestic user inventory, including those facilities that are no longer discharging (with explanation), and new dischargers, appropriately categorized and characterized. Categorical users should have the applicable category noted as well as cases where more stringent local limits apply instead of the categorical standard.
 - (ii) Results of wastewater and sludge sampling at the POTW as specified in Part II.E.9 (above).
 - (iii) Calculations of removal rates for each pollutant for each day of sampling.
 - (iv) An analysis and discussion of whether the existing local limitations in the permittee's sewer use ordinance continue to be appropriate to prevent treatment plant interference and pass through of pollutants that could affect water quality or sludge quality. This should include a comparison between influent loadings and the most recent relevant maximum allowable headworks loadings calculated for the treatment plant.
 - (v) Status of program implementation, including:
 - (a) Any planned modifications to the pretreatment program that have been approved by EPA, including staffing and funding updates.
 - (b) A description of any interference, upset, or NPDES permit violations experienced at the POTW which were directly or indirectly attributable to non-domestic users, including:
 - (i) Date & time of the incident
 - (ii) Description of the effect on the POTW's operation
 - (iii) Effects on the POTW's effluent and biosolids quality
 - (iv) Identification of suspected or known sources of the indirect discharge causing the upset
 - (v) Steps taken to remedy the situation and to prevent recurrence
 - (c) Listing of non-domestic users inspected and/or monitored during the report year with dates and an indication compliance status.
 - (d) Listing of non-domestic users planned for inspection and/or monitoring for the coming year along with associated frequencies.
 - (e) Listing of non-domestic users whose permits have been issued, reissued, or modified during the report year along with current permit expiration dates.

- (f) Listing of non-domestic users notified of promulgated pretreatment standards and/or local standards during the report year as required in 40 CFR 403.8(f)(2)(iii).
- (g) Listing of non-domestic users notified of promulgated pretreatment standards or applicable local standards who are on compliance schedules. The listing must include the final date of compliance for each facility.
- (vi) Status of enforcement activities including:
 - (a) Listing of non-domestic users who failed to comply with applicable pretreatment standards and requirements, including:
 - (i) Summary of the violation(s).
 - (ii) Enforcement action taken or planned by the permittee.
 - (iii) Present compliance status as of the date of preparation of the pretreatment report.
 - (b) Listing of those users in significant noncompliance during the report year as defined in 40 CFR 403.8(f)(2)(viii) and a copy of the newspaper publication of those users' names.
 - (c) EPA may require more frequent reporting on those users who are determined to be in significant noncompliance.

F. Causes for Modification

1. This permit may be modified, revoked and reissued, or terminated either at the request of any interested person (including the permittee) or upon EPA's initiative. However, permits may only be modified, revoked and reissued, or terminated for the reasons specified in 40 CFR 122.62, 122.63 and 122.64. All requests must be in writing and must contain facts or reasons supporting the request. If a permit modification satisfies the criteria in 40 CFR 122.63 for "minor modifications," the permit may be modified without a draft permit or public review. Otherwise, a draft modified permit must be prepared and other procedures in 40 CFR Part 124 followed.
2. New information may be a cause for modification of this permit. The permit may be modified during its term for this cause only if the information was not available at the time of permit issuance (other than revised regulations, guidance or test methods) and would have justified the application of different permit conditions at the time of issuance. New information may include, but is not limited to, the following:
 - a) Information supporting water quality trading or aggregate ("bubble") water quality-based effluent limits ("WQBELs"). Any water quality trading or aggregate WQBEL provisions included in a modified permit must ensure compliance with EPA's Water Quality Trading Policy (dated January 13, 2003), any applicable EPA trading guidance, and the IDEQ Water Quality Pollutant Trading Guidance (dated July 2010). If such provisions allow

trading with pollution sources in the State of Washington, any water quality trading provisions included in a modified permit must ensure compliance with WAC 173-201A-450. Information supporting water quality trading includes, but is not limited to, the following:

- (i) Location ratios;
 - (ii) Uncertainty ratios;
 - (iii) Equivalency ratios;
 - (iv) Available best management practices for nonpoint source reduction; and
 - (v) Information regarding the effectiveness of pollutant reduction by sources that can generate trading credits.
- b) Effluent and/or receiving water quality and/or quantity data.
- c) New water quality modeling analyses, including, but not limited to, the following:
- (i) Modeling demonstrating that an alternate set of effluent limits for total phosphorus (“TP”), ammonia, and CBOD₅ causes an equivalent or lesser impact to dissolved oxygen in the State of Washington as the current set of limits.
 - (ii) Modeling incorporating new information regarding the bioavailability of TP in the permittee’s effluent, including but not limited to the fraction of the TP in the permittee’s effluent that is present as reactive phosphorus or orthophosphate.
3. Any modification of this permit must comply with all applicable requirements of the Clean Water Act and implementing regulations, including, but not limited to:
- a) The antibacksliding provisions of the Clean Water Act and federal regulations (CWA §§ 402(o) and 303(d)(4); 40 CFR 122.44(l)). See Part II.G of this permit regarding the application of anti-backsliding to phosphorus, ammonia and CBOD₅ limits.
 - b) Technology-based treatment requirements (40 CFR Parts 125.3 and 133; CWA § 301(b)(1)(B))
 - c) The applicable water quality requirements of all affected States (40 CFR Parts 122.4(d) and 122.44(d); CWA §§ 301(b)(1)(C) and 401(a)(2)).
 - d) Any conditions included in the State of Idaho’s Section 401 certification of the modified permit which are necessary to ensure compliance with the applicable provisions of CWA §§ 208(e), 301, 302, 303, 306 and 307 and with appropriate requirements of Idaho law.

G. Antibacksliding

The water quality-based effluent limits for total phosphorus (TP), total ammonia as N (NH₃) and 5-day carbonaceous biochemical oxygen demand (CBOD₅) in this permit

are established at levels necessary to ensure compliance with the State of Washington's water quality standards for dissolved oxygen (DO), while considering the cumulative effect of all human actions that may affect DO. In the future, the State of Washington may modify the Spokane River TMDL and/or the effluent limits in NPDES permits for point sources discharging to the Spokane River within the State of Washington. Such modifications may allow for less-stringent effluent limits for total phosphorus, ammonia and/or CBOD₅ in this permit, while nonetheless ensuring that the cumulative effect of all such revised effluent limitations will ensure the attainment of water quality standards for DO in the State of Washington. In that case, EPA could revise the water quality-based effluent limits for total phosphorus, ammonia and/or CBOD₅. Such revised effluent limits would not violate the antibacksliding provisions of the Clean Water Act if those limits would ensure compliance with all applicable water quality standards for waters of the States of Idaho and Washington (CWA §§ 303(d)(4) and 402(o)(3)).

H. Regional Toxics Task Force

The goal of the Spokane River Regional Toxics Task Force (Task Force) is to develop a comprehensive plan to make measurable progress toward bringing the Spokane River into compliance with applicable water quality standards for PCBs.

To accomplish this goal, the permittee shall participate in the Task Force under the terms and conditions of the January 23, 2012, Memorandum of Agreement Regarding Spokane River Regional Toxics Task Force and the Operational Concepts incorporated therein. The permittee shall not be required to be a member of any non-profit organization or other business entity affiliated with the Task Force.

I. Best Management Practices for PCBs and 2,3,7,8 TCDD

1. By June 20, 2015, the permittee must submit to EPA and IDEQ a Toxics Management Plan (TMP) as an electronic attachment to a DMR. By one year after the effective date of the final permit, the permittee must submit written notification to EPA and IDEQ that the plan has been implemented. The goal of the TMP must be to reduce loadings of PCBs and 2,3,7,8 TCDD to the Spokane River to the maximum extent practicable. The TMP must address source control and elimination of PCBs and 2,3,7,8 TCDD as follows:
 - a) From contaminated soils, sediments, storm water and groundwater entering the POTW collection system via inflow and infiltration.
 - b) From industrial and commercial sources.
 - (i) If any industrial user's indirect discharges of PCBs and/or 2,3,7,8 TCDD to the POTW treatment plant cause pass through or interference, the permittee must require the industrial user to reduce or eliminate such indirect discharges in compliance with 40 CFR 403.
 - c) The permittee must not allow any person to discharge to the POTW water containing PCBs in excess of any pretreatment local limit established by the POTW, or 3 µg/L, whichever is less.

- d) By means of eliminating existing sources that are within the direct control of the permittee including but not limited to:
 - (i) Machinery manufactured prior to May 31, 1979.
 - (ii) Electrical equipment and components containing insulating or dielectric oil manufactured prior to May 31, 1979, including but not limited to transformers, capacitors, regulators, reactors, circuit breakers, switch gear and fluorescent lighting ballasts.
 - (iii) Construction material including but not limited to paints and caulking.
 - (iv) Commercial materials including but not limited to ink, dyes and lubricants.
- e) By means of changing the permittee's procurement practices, control and minimize the future generation and release of PCBs and 2,3,7,8 TCDD that is within the direct control of the permittee, including preferential use of PCB free substitutes for those products containing PCBs below the regulated level of 50 ppm, in sources including but not limited to:
 - (i) Electrical equipment and components containing insulating or dielectric oil, including but not limited to transformers, capacitors, regulators, reactors, circuit breakers, switch gear and fluorescent lighting ballasts.
 - (ii) Construction materials including but not limited to paints and caulking,
 - (iii) Commercial materials including but not limited to ink, dyes, and lubricants.
 - (iv) Soaps and cleaners.
- f) By November 30, 2016, the permittee, either individually or in collaboration with other dischargers to the Spokane River, must develop and implement a public education program to educate the public about the following:
 - (i) The difference between products free of PCBs and those labeled non-PCB but which contain PCBs below the TSCA regulatory threshold of 50 ppm.
 - (ii) Proper disposal of waste products that may contain PCBs including those containing PCBs below the TSCA regulatory threshold of 50 ppm and the hazards associated with improper disposal.
- g) The education program must include distribution of appropriate educational materials to the target audiences at least once per year.
- h) At least once per year, the permittee must prepare and distribute appropriate information relevant to the TMP to a newspaper(s) of general circulation within the jurisdiction(s) served by the POTW that provide(s) meaningful public notice.
- i) The permittee must make all relevant TMP documents available to the public.

2. Beginning December 20, 2016, the permittee must submit an annual report to EPA and IDEQ. Each annual report must contain the following information:
 - a) Monitoring results for PCBs and 2,3,7,8 TCDD for the previous 12-month period, including laboratory data sheets.
 - b) Copies of education materials, ordinances (or other regulatory mechanisms), inventories, guidance materials, or other products produced as part of the TMP.
 - c) A description and schedule for implementation of additional actions that may be necessary, based on monitoring results, to ensure compliance with applicable water quality standards.
 - d) A summary of the actions the permittee plans to undertake to reduce discharges of PCBs and 2,3,7,8 TCDD during the next reporting cycle.
 - e) A summary of the actions taken to reduce discharges of PCBs and 2,3,7,8 TCDD during the previous 12-month period.

III. Monitoring, Recording and Reporting Requirements

A. Representative Sampling (Routine and Non-Routine Discharges)

Samples and measurements must be representative of the volume and nature of the monitored discharge.

In order to ensure that the effluent limits set forth in this permit are not violated at times other than when routine samples are taken, the permittee must collect additional samples at the appropriate outfall whenever any discharge occurs that may reasonably be expected to cause or contribute to a violation that is unlikely to be detected by a routine sample. The permittee must analyze the additional samples for those parameters limited in Part I.B of this permit that are likely to be affected by the discharge.

The permittee must collect such additional samples as soon as the spill, discharge, or bypassed effluent reaches the outfall. The samples must be analyzed in accordance with paragraph III.C (“Monitoring Procedures”). The permittee must report all additional monitoring in accordance with paragraph III.D (“Additional Monitoring by Permittee”).

B. Reporting of Monitoring Results

During the period between the effective date of the permit and May 31, 2015, the permittee must either submit monitoring data and other reports in paper form, or must report electronically using NetDMR, a web-based tool that allows permittees to electronically submit DMRs and other required reports via a secure internet connection.

After May 31, 2015, the permittee must submit monitoring data and other reports electronically using NetDMR.

Specific requirements regarding submittal of data and reports in paper form and submittal using NetDMR are described below.

1. Paper Copy Submissions

The permittee must summarize monitoring results each month on the Discharge Monitoring Report (DMR) form (EPA No. 3320-1) or equivalent. The permittee must submit reports monthly, postmarked by the 20th day of the following month. The permittee must sign and certify all DMRs, and all other reports, in accordance with the requirements of Part V.E. of this permit (“Signatory Requirements”). The permittee must submit the legible originals of these documents to the Director, Office of Compliance and Enforcement, with copies to IDEQ at the following addresses:

US EPA Region 10
Attn: ICIS Data Entry Team
1200 Sixth Avenue, Suite 900
OCE-133
Seattle, Washington 98101-3140

Idaho Department of Environmental Quality
Coeur d'Alene Regional Office
2110 Ironwood Pkwy
Coeur d'Alene, ID 83814

2. Electronic submissions

Monitoring data must be submitted electronically to EPA no later than the 20th of the month following the completed reporting period. All reports required under this permit must be submitted to EPA as a legible electronic attachment to the DMR. The permittee must sign and certify all DMRs, and all other reports, in accordance with the requirements of Part V.E. of this permit (“Signatory Requirements”). Once a permittee begins submitting reports using NetDMR, it will no longer be required to submit paper copies of DMRs or other reports to EPA and IDEQ.

The permittee may use NetDMR after requesting and receiving permission from US EPA Region 10. NetDMR is accessed from <http://www.epa.gov/netdmr>.

C. Monitoring Procedures

Monitoring must be conducted according to test procedures approved under 40 CFR 136, unless other test procedures have been specified in this permit or approved by EPA as an alternate test procedure under 40 CFR 136.5.

D. Additional Monitoring by Permittee

If the permittee monitors any pollutant more frequently than required by this permit, using test procedures approved under 40 CFR 136 or as specified in this permit, the permittee must include the results of this monitoring in the calculation and reporting of the data submitted in the DMR.

Upon request by EPA, the permittee must submit results of any other sampling, regardless of the test method used.

E. Records Contents

Records of monitoring information must include:

1. the date, exact place, and time of sampling or measurements;
2. the name(s) of the individual(s) who performed the sampling or measurements;
3. the date(s) analyses were performed;
4. the names of the individual(s) who performed the analyses;
5. the analytical techniques or methods used; and
6. the results of such analyses.

F. Retention of Records

The permittee must retain records of all monitoring information, including, all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, copies of DMRs, a copy of the NPDES permit, and records of all data used to complete the application for this permit, for a period of at least five years from the date of the sample, measurement, report or application. This period may be extended by request of EPA or IDEQ at any time.

G. Twenty-four Hour Notice of Noncompliance Reporting

1. The permittee must report the following occurrences of noncompliance by telephone within 24 hours from the time the permittee becomes aware of the circumstances:
 - a) any noncompliance that may endanger health or the environment;
 - b) any unanticipated bypass that exceeds any effluent limitation in the permit (See Part IV.F, "Bypass of Treatment Facilities");
 - c) any upset that exceeds any effluent limitation in the permit (See Part IV.G, "Upset Conditions"); or
 - d) any violation of a maximum daily discharge limitation for applicable pollutants identified by Part I.B.2.
 - e) any overflow prior to the treatment works, whether or not such overflow endangers health or the environment or exceeds any effluent limitation in the permit.
2. The permittee must also provide a written submission within five days of the time that the permittee becomes aware of any event required to be reported under subpart 1 above. The written submission must contain:
 - a) a description of the noncompliance and its cause;

- b) the period of noncompliance, including exact dates and times;
 - c) the estimated time noncompliance is expected to continue if it has not been corrected; and
 - d) steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
 - e) if the noncompliance involves an overflow prior to the treatment works, an estimate of the quantity (in gallons) of untreated overflow.
3. The Director of the Office of Compliance and Enforcement may waive the written report on a case-by-case basis if the oral report has been received within 24 hours by the NPDES Compliance Hotline in Seattle, Washington, by telephone, (206) 553-1846.
 4. Reports must be submitted to the addresses in Part III.B (“Reporting of Monitoring Results”).

H. Other Noncompliance Reporting

The permittee must report all instances of noncompliance, not required to be reported within 24 hours, at the time that monitoring reports for Part III.B (“Reporting of Monitoring Results”) are submitted. The reports must contain the information listed in Part III.G.2 of this permit (“Twenty-four Hour Notice of Noncompliance Reporting”).

I. Public Notification

The permittee must immediately notify the public, health agencies and other affected entities (e.g., public water systems) of any overflow which the permittee owns or has operational control; or any unanticipated bypass or upset that exceeds any effluent limitation in the permit in accordance with the notification procedures developed in accordance with Part II.D.

J. Notice of New Introduction of Toxic Pollutants

The permittee must notify the Director of the Office of Water and Watersheds and IDEQ in writing of:

1. Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to Sections 301 or 306 of the Act if it were directly discharging those pollutants; and
2. Any substantial change in the volume or character of pollutants being introduced into the POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
3. For the purposes of this section, adequate notice must include information on:
 - a) The quality and quantity of effluent to be introduced into the POTW, and
 - b) Any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

4. The permittee must notify the Director of the Office of Water and Watersheds at the following address:

US EPA Region 10
Attn: NPDES Permits Unit Manager
1200 Sixth Avenue
Suite 900, M/S OWW-130
Seattle, WA 98101

K. Compliance Schedules

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit must be submitted no later than 14 days following each schedule date.

IV. Compliance Responsibilities

A. Duty to Comply

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or for denial of a permit renewal application.

B. Penalties for Violations of Permit Conditions

1. **Civil and Administrative Penalties.** Pursuant to 40 CFR Part 19 and the Act, any person who violates section 301, 302, 306, 307, 308, 318 or 405 of the Act, or any permit condition or limitation implementing any such sections in a permit issued under section 402, or any requirement imposed in a pretreatment program approved under sections 402(a)(3) or 402(b)(8) of the Act, is subject to a civil penalty not to exceed the maximum amounts authorized by Section 309(d) of the Act and the Federal Civil Penalties Inflation Adjustment Act (28 U.S.C. § 2461 note) as amended by the Debt Collection Improvement Act (31 U.S.C. § 3701 note) (currently \$37,500 per day for each violation).
2. **Administrative Penalties.** Any person may be assessed an administrative penalty by the Administrator for violating section 301, 302, 306, 307, 308, 318 or 405 of this Act, or any permit condition or limitation implementing any of such sections in a permit issued under section 402 of this Act. Pursuant to 40 CFR 19 and the Act, administrative penalties for Class I violations are not to exceed the maximum amounts authorized by Section 309(g)(2)(A) of the Act and the Federal Civil Penalties Inflation Adjustment Act (28 U.S.C. § 2461 note) as amended by the Debt Collection Improvement Act (31 U.S.C. § 3701 note) (currently \$16,000 per violation, with the maximum amount of any Class I penalty assessed not to exceed \$37,500). Pursuant to 40 CFR 19 and the Act, penalties for Class II violations are not to exceed the maximum amounts authorized by Section 309(g)(2)(B) of the Act and the Federal Civil Penalties Inflation Adjustment Act (28 U.S.C. § 2461 note) as amended by the Debt Collection Improvement Act (31

U.S.C. § 3701 note) (currently \$16,000 per day for each day during which the violation continues, with the maximum amount of any Class II penalty not to exceed \$177,500).

3. Criminal Penalties:

- a) Negligent Violations. The Act provides that any person who negligently violates sections 301, 302, 306, 307, 308, 318, or 405 of the Act, or any condition or limitation implementing any of such sections in a permit issued under section 402 of the Act, or any requirement imposed in a pretreatment program approved under section 402(a)(3) or 402(b)(8) of the Act, is subject to criminal penalties of \$2,500 to \$25,000 per day of violation, or imprisonment of not more than 1 year, or both. In the case of a second or subsequent conviction for a negligent violation, a person shall be subject to criminal penalties of not more than \$50,000 per day of violation, or by imprisonment of not more than 2 years, or both.
- b) Knowing Violations. Any person who knowingly violates such sections, or such conditions or limitations is subject to criminal penalties of \$5,000 to \$50,000 per day of violation, or imprisonment for not more than 3 years, or both. In the case of a second or subsequent conviction for a knowing violation, a person shall be subject to criminal penalties of not more than \$100,000 per day of violation, or imprisonment of not more than 6 years, or both.
- c) Knowing Endangerment. Any person who knowingly violates section 301, 302, 303, 306, 307, 308, 318 or 405 of the Act, or any permit condition or limitation implementing any of such sections in a permit issued under section 402 of the Act, and who knows at that time that he thereby places another person in imminent danger of death or serious bodily injury, shall, upon conviction, be subject to a fine of not more than \$250,000 or imprisonment of not more than 15 years, or both. In the case of a second or subsequent conviction for a knowing endangerment violation, a person shall be subject to a fine of not more than \$500,000 or by imprisonment of not more than 30 years, or both. An organization, as defined in section 309(c)(3)(B)(iii) of the Act, shall, upon conviction of violating the imminent danger provision, be subject to a fine of not more than \$1,000,000 and can be fined up to \$2,000,000 for second or subsequent convictions.
- d) False Statements. The Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000, or by imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment is a fine of not more than \$20,000 per day of violation, or by imprisonment of not more than 4 years, or both. The Act further provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this

permit, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.

C. Need To Halt or Reduce Activity not a Defense

It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with this permit.

D. Duty to Mitigate

The permittee must take all reasonable steps to minimize or prevent any discharge in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment.

E. Proper Operation and Maintenance

The permittee must at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by the permittee only when the operation is necessary to achieve compliance with the conditions of the permit.

F. Bypass of Treatment Facilities

1. Bypass not exceeding limitations. The permittee may allow any bypass to occur that does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs 2 and 3 of this Part.
2. Notice.
 - a) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it must submit prior written notice, if possible at least 10 days before the date of the bypass.
 - b) Unanticipated bypass. The permittee must submit notice of an unanticipated bypass as required under Part III.G (“Twenty-four Hour Notice of Noncompliance Reporting”).
3. Prohibition of bypass.
 - a) Bypass is prohibited, and the Director of the Office of Compliance and Enforcement may take enforcement action against the permittee for a bypass, unless:

- (i) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
 - (ii) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass that occurred during normal periods of equipment downtime or preventive maintenance; and
 - (iii) The permittee submitted notices as required under paragraph 2 of this Part.
- b) The Director of the Office of Compliance and Enforcement may approve an anticipated bypass, after considering its adverse effects, if the Director determines that it will meet the three conditions listed above in paragraph 3.a. of this Part.

G. Upset Conditions

1. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the permittee meets the requirements of paragraph 2 of this Part. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
2. Conditions necessary for a demonstration of upset. To establish the affirmative defense of upset, the permittee must demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - a) An upset occurred and that the permittee can identify the cause(s) of the upset;
 - b) The permitted facility was at the time being properly operated;
 - c) The permittee submitted notice of the upset as required under Part III.G, "Twenty-four Hour Notice of Noncompliance Reporting;" and
 - d) The permittee complied with any remedial measures required under Part IV.D, "Duty to Mitigate."
3. Burden of proof. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

H. Toxic Pollutants

The permittee must comply with effluent standards or prohibitions established under Section 307(a) of the Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

I. Planned Changes

The permittee must give written notice to the Director of the Office of Water and Watersheds as specified in Part III.I.4. and IDEQ as soon as possible of any planned physical alterations or additions to the permitted facility whenever:

1. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source as determined in 40 CFR 122.29(b); or
2. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants that are not subject to effluent limitations in this permit.
3. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application site.

J. Anticipated Noncompliance

The permittee must give written advance notice to the Director of the Office of Compliance and Enforcement and IDEQ of any planned changes in the permitted facility or activity that may result in noncompliance with this permit.

K. Reopener

This permit may be reopened to include any applicable standard for sewage sludge use or disposal promulgated under section 405(d) of the Act. The Director may modify or revoke and reissue the permit if the standard for sewage sludge use or disposal is more stringent than any requirements for sludge use or disposal in the permit, or controls a pollutant or practice not limited in the permit.

V. General Provisions**A. Permit Actions**

This permit may be modified, revoked and reissued, or terminated for cause as specified in 40 CFR 122.62, 122.64, or 124.5. The filing of a request by the permittee for a permit modification, revocation and reissuance, termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

B. Duty to Reapply

If the permittee intends to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. In accordance with 40 CFR 122.21(d), and unless permission for the application to be submitted at a later date has been granted by the Regional Administrator, the permittee must submit a new application by June 3, 2019.

C. Duty to Provide Information

The permittee must furnish to EPA and IDEQ, within the time specified in the request, any information that EPA or IDEQ may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee must also furnish to EPA or IDEQ, upon request, copies of records required to be kept by this permit.

D. Other Information

When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or that it submitted incorrect information in a permit application or any report to EPA or IDEQ, it must promptly submit the omitted facts or corrected information in writing.

E. Signatory Requirements

All applications, reports or information submitted to EPA and IDEQ must be signed and certified as follows.

1. All permit applications must be signed as follows:
 - a) For a corporation: by a responsible corporate officer.
 - b) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively.
 - c) For a municipality, state, federal, Indian tribe, or other public agency: by either a principal executive officer or ranking elected official.
2. All reports required by the permit and other information requested by EPA or IDEQ must be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - a) The authorization is made in writing by a person described above;
 - b) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company; and
 - c) The written authorization is submitted to the Director of the Office of Compliance and Enforcement and IDEQ.
3. Changes to authorization. If an authorization under Part V.E.2 is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of Part V.E.2. must be submitted to the Director of the Office of Compliance and Enforcement and IDEQ prior to or together with any reports, information, or applications to be signed by an authorized representative.

4. Certification. Any person signing a document under this Part must make the following certification:

“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.”

F. Availability of Reports

In accordance with 40 CFR 2, information submitted to EPA pursuant to this permit may be claimed as confidential by the permittee. In accordance with the Act, permit applications, permits and effluent data are not considered confidential. Any confidentiality claim must be asserted at the time of submission by stamping the words “confidential business information” on each page containing such information. If no claim is made at the time of submission, EPA may make the information available to the public without further notice to the permittee. If a claim is asserted, the information will be treated in accordance with the procedures in 40 CFR 2, Subpart B (Public Information) and 41 Fed. Reg. 36902 through 36924 (September 1, 1976), as amended.

G. Inspection and Entry

The permittee must allow the Director of the Office of Compliance and Enforcement, EPA Region 10; IDEQ; or an authorized representative (including an authorized contractor acting as a representative of the Administrator), upon the presentation of credentials and other documents as may be required by law, to:

1. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
4. Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the Act, any substances or parameters at any location.

H. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to persons or property or invasion of other private rights, nor any infringement of federal, tribal, state or local laws or regulations.

I. Transfers

This permit is not transferable to any person except after written notice to the Director of the Office of Water and Watersheds as specified in Part III.I.4. The Director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the Act. (See 40 CFR 122.61; in some cases, modification or revocation and reissuance is mandatory).

J. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation under authority preserved by Section 510 of the Act.

VI. Definitions

1. "Act" means the Clean Water Act.
2. "Administrator" means the Administrator of the EPA, or an authorized representative.
3. "Average monthly discharge limitation" means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month.
4. "Average weekly discharge limitation" means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week.
5. "Best Management Practices" (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the United States. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage areas.
6. "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility.
7. "Composite" - see "24-hour composite".

8. "Credit" means a measured or estimated unit of pollutant reduction per unit of time at the discharge location of the buyer or user of the credit. A seller generates excess load reductions by controlling its discharge beyond what is needed to meet its baseline. A buyer compensates a seller for creating the excess load reductions that are then converted into credits by using trade ratios. Where appropriate, the buyer can use the credits to meet a regulatory obligation.
9. "Daily discharge" means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the day.
10. "Director of the Office of Compliance and Enforcement" means the Director of the Office of Compliance and Enforcement, EPA Region 10, or an authorized representative.
11. "Director of the Office of Water and Watersheds" means the Director of the Office of Water and Watersheds, EPA Region 10, or an authorized representative.
12. "DMR" means discharge monitoring report.
13. "EPA" means the United States Environmental Protection Agency.
14. "Equivalency ratio" means a factor applied to pollutant reduction credits to adjust for trading different pollutants or different forms of the same pollutant.
15. "Geometric Mean" means the n^{th} root of a product of n factors, or the antilogarithm of the arithmetic mean of the logarithms of the individual sample values.
16. "Grab" sample is an individual sample collected over a period of time not exceeding 15 minutes.
17. "IDEQ" means the Idaho Department of Environmental Quality.
18. "Indirect Discharge" means the introduction of pollutants into a POTW from any non-domestic source regulated under section 307(b), (c) or (d) of the Act.
19. "Interference" is defined in 40 CFR 403.3.
20. "Location ratio" means a factor applied to pollutant reduction credits when sources are upstream of a waterbody of concern that accounts for the distance and unique watershed features between a pollutant source and the downstream waterbody (e.g., bay, estuary, lake, reservoir) or area of interest (e.g., a hypoxic zone in a waterbody).
21. "Maximum daily discharge limitation" means the highest allowable "daily discharge."
22. "Method Detection Limit (MDL)" means the minimum concentration of a substance (analyte) that can be measured and reported with 99 percent confidence

that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix containing the analyte.

23. "Minimum Level (ML)" means the concentration at which the entire analytical system must give a recognizable signal and an acceptable calibration point. The ML is the concentration in a sample that is equivalent to the concentration of the lowest calibration standard analyzed by a specific analytical procedure, assuming that all the method-specified sample weights, volumes and processing steps have been followed.
24. "NPDES" means National Pollutant Discharge Elimination System, the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits . . . under sections 307, 402, 318, and 405 of the CWA.
25. "Pass Through" means a Discharge which exits the POTW into waters of the United States in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation).
26. "QA/QC" means quality assurance/quality control.
27. "Regional Administrator" means the Regional Administrator of Region 10 of the EPA, or the authorized representative of the Regional Administrator.
28. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
29. "Significant Industrial User" means all industrial users subject to Categorical Pretreatment Standards under 40 CFR 403.6 and 40 CFR chapter I, subchapter N; and any other industrial user that: discharges an average of 25,000 gallons per day or more of process wastewater to the POTW (excluding sanitary, noncontact cooling and boiler blowdown wastewater); contributes a process wastestream which makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the POTW treatment plant; or is designated as such by the Control Authority as defined in 40 CFR 403.12(a) on the basis that the industrial user has a reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standard or requirement (in accordance with 40 CFR 403.8(f)(6)). Upon a finding that an industrial user meeting above the criteria has no reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standard or requirement, the Control Authority (as defined in 40 CFR 403.12(a)) may at any time, on its own initiative or in response to a petition received from an industrial user or POTW, and in accordance with 40 CFR 403.8(f)(6), determine that such industrial user is not a significant industrial user.

30. “Uncertainty ratio” means a factor applied to pollutant reduction credits generated by nonpoint sources that accounts for lack of information and risk associated with best management practice measurement, implementation and performance.
31. “Upset” means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
32. “24-hour composite” sample means a combination of at least eight (8) discrete sample aliquots of at least 100 milliliters, collected over periodic intervals from the same location, during the operating hours of a facility over a 24 hour period. The composite must be flow proportional. The sample aliquots must be collected and stored in accordance with procedures prescribed in the most recent edition of Standard Methods for the Examination of Water and Wastewater.

Attachment A**Including Days of Zero Discharge in the Calculation of Seasonal Average TP, CBOD₅ and Ammonia Loads**

If the permittee's daily average effluent flow is zero for at least three days during the seasons during which seasonal average effluent limits apply, the permittee may include zero pounds per day daily discharge values in the calculation of the permittee's seasonal average total phosphorus, CBOD₅ and ammonia loads for February 1st through October 31st. The number of zero pound per day daily discharge values included in the calculation of the permittee's seasonal average loads must not exceed the number listed in Table A-1 below.

The number of zeros allowed for averaging is equal to the required sampling frequency of three times per week (0.429 samples per day), multiplied by the number of days of zero discharge, and rounded down to the nearest whole number.

Table A-1: Number of Zero lb/day Daily Discharge Values Allowed for Calculation of Seasonal Avg. Load									
Days of Zero Discharge	Zeros Allowed for Avg.	Days of Zero Discharge	Zeros Allowed for Avg.	Days of Zero Discharge	Zeros Allowed for Avg.	Days of Zero Discharge	Zeros Allowed for Avg.	Days of Zero Discharge	Zeros Allowed for Avg.
1	0	60	25	119	51	178	76	237	101
2	0	61	26	120	51	179	76	238	102
3	1	62	26	121	51	180	77	239	102
4	1	63	27	122	52	181	77	240	102
5	2	64	27	123	52	182	78	241	103
6	2	65	27	124	53	183	78	242	103
7	3	66	28	125	53	184	78	243	104
8	3	67	28	126	54	185	79	244	104
9	3	68	29	127	54	186	79	245	105
10	4	69	29	128	54	187	80	246	105
11	4	70	30	129	55	188	80	247	105
12	5	71	30	130	55	189	81	248	106
13	5	72	30	131	56	190	81	249	106
14	6	73	31	132	56	191	81	250	107
15	6	74	31	133	57	192	82	251	107
16	6	75	32	134	57	193	82	252	108
17	7	76	32	135	57	194	83	253	108
18	7	77	33	136	58	195	83	254	108
19	8	78	33	137	58	196	84	255	109
20	8	79	33	138	59	197	84	256	109
21	9	80	34	139	59	198	84	257	110
22	9	81	34	140	60	199	85	258	110
23	9	82	35	141	60	200	85	259	111
24	10	83	35	142	60	201	86	260	111
25	10	84	36	143	61	202	86	261	111
26	11	85	36	144	61	203	87	262	112
27	11	86	36	145	62	204	87	263	112
28	12	87	37	146	62	205	87	264	113
29	12	88	37	147	63	206	88	265	113
30	12	89	38	148	63	207	88	266	114
31	13	90	38	149	63	208	89	267	114
32	13	91	39	150	64	209	89	268	114
33	14	92	39	151	64	210	90	269	115
34	14	93	39	152	65	211	90	270	115
35	15	94	40	153	65	212	90	271	116
36	15	95	40	154	66	213	91	272	116
37	15	96	41	155	66	214	91	273	117
38	16	97	41	156	66	215	92		
39	16	98	42	157	67	216	92		
40	17	99	42	158	67	217	93		
41	17	100	42	159	68	218	93		
42	18	101	43	160	68	219	93		
43	18	102	43	161	69	220	94		
44	18	103	44	162	69	221	94		
45	19	104	44	163	69	222	95		
46	19	105	45	164	70	223	95		
47	20	106	45	165	70	224	96		
48	20	107	45	166	71	225	96		
49	21	108	46	167	71	226	96		
50	21	109	46	168	72	227	97		
51	21	110	47	169	72	228	97		
52	22	111	47	170	72	229	98		
53	22	112	48	171	73	230	98		
54	23	113	48	172	73	231	99		
55	23	114	48	173	74	232	99		
56	24	115	49	174	74	233	99		
57	24	116	49	175	75	234	100		
58	24	117	50	176	75	235	100		
59	25	118	50	177	75	236	101		

APPENDIX B.1
Intergovernmental Agreement with City of Rathdrum

**FIRST AMENDMENT TO
INTERGOVERNMENTAL AGREEMENT BETWEEN THE CITY OF POST
FALLS AND THE CITY OF RATHDRUM FOR THE TREATMENT AND
DISCHARGE OF WASTEWATER DATED JANUARY 9, 1996**

This First Amendment to Intergovernmental Agreement modifies that certain agreement entered into on January 9, 1996, by and between the CITY OF POST FALLS, a municipal corporation of the state of Idaho, hereinafter referred to as "POST FALLS", and CITY OF RATHDRUM, a municipal corporation of the State of Idaho, hereinafter referred to as "RATHDRUM," a copy of which is attached hereto as Exhibit "A".

In consideration of the mutual promises and covenants contained herein, the parties hereby agree that the above-referenced contract is modified as follows:

1. Section V, Paragraph A, shall be amended to read as follows:

RATHDRUM shall remain solely responsible for the design, financing, construction, maintenance, repair, and operation of its publicly owned wastewater collection, conveyance and processing facilities necessary to deliver wastewater to the Post Falls Sewage Treatment Plant, except as herein specifically provided. RATHDRUM's obligations shall include any and all collectors, interceptors, transmission pipelines, pumps, lift stations, and any other conceivable appurtenances thereto, necessary to transmit wastewater to the sewage treatment plant owned by POST FALLS or to the designated point of connection. The designated point of connection shall be the physical point at which the RATHDRUM flow meter connects to the headworks of the POST FALLS sewage treatment plant.

POST FALLS agrees to grant to RATHDRUM an easement for that portion of the RATHDRUM conveyance system that is prior to the physical point at which the RATHDRUM flow meter connects to the headworks and which is located on property owned by POST FALLS.

**FIRST AMENDMENT TO INTERGOVERNMENTAL AGREEMENT BETWEEN
THE CITY OF POST FALLS AND THE CITY OF RATHDRUM FOR THE
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2. Section V, Paragraph B, shall be amended to read as follows:

B. As additional consideration for the agreement of POST FALLS to treat sewage transmitted by RATHDRUM to the Post Falls Sewage treatment Plant, RATHDRUM shall provide to POST FALLS for review and reasonable approval by POST FALLS the design of equalization basin, metering, monitoring controls, and other incidental facilities anticipated to be constructed by RATHDRUM which are necessary to integrate Rathdrum flows into the Post Falls Sewage Treatment Plant in a manner which best enables effective treatment of the waste stream. Such design shall be in compliance with the Idaho Department of Environmental Quality Rules set out in IDAPA 58.01.16 and any subsequent amendments thereto. POST FALLS may make additional reasonable requirements as may be necessary in the operation of such facilities owned by RATHDRUM to ensure safe, efficient, and proper treatment of flows from RATHDRUM. RATHDRUM shall obtain the specific prior approval from POST FALLS of any plans which would affect operation, capacity, or maintenance of the Post Falls Wastewater Treatment Plant. Both cities recognize that equalization of flows is a factor to be considered in the design of new capacity and that each city bears a responsibility to cooperate respecting the equalization potential to be realized through collection system design and implementation.

3. Section VI is amended to add Paragraphs D and E to read as follows:

D. POST FALLS and RATHDRUM recognize that there may be a need in the future for the parties to develop a wastewater reclamation and reuse program under the Idaho Department of Environmental Quality Rules set out in IDAPA 58.01.17 in order to reduce the amount of reclaimed water discharged into the Spokane River. Both POST FALLS and RATHDRUM have acquired property

for the purpose of future reuse irrigation and agree to make that land available for reuse activities and appurtenant facilities, including but not limited to storage ponds, pump stations, mechanical buildings, monitoring wells, cultivation, planting, and harvesting operations, at such time it becomes necessary to implement the reuse program in order to assure adequate treatment and discharge capacity and compliance with treatment and discharge regulations imposed on the Post Falls Wastewater Treatment System by either state or federal regulatory agencies. Each party will be responsible to make available land for reuse in an amount that is proportionate to that party's portion of the wastewater flow into the Post Falls Wastewater Treatment Plant. The proportionate amount shall be based on equivalent units of reuse capacity. Setbacks required by regulatory authorities that make the land unusable for reuse shall not count toward a either party's proportionate share. If either party has a surplus of land that is suitable for reuse, the other party may lease that surplus to fulfill the leasing party's obligation to provide land for reuse. In the event that the amount of land required for reuse is greater than the amount of suitable land owned by both parties, POST FALLS and RATHDRUM agree that each will pursue the acquisition of additional suitable land for reuse to fulfill their responsibility to provide their proportionate share of suitable land, or negotiate a different methodology for acquiring land. Priority shall be given to acquiring suitable land that is adjacent to or easily accessed and serviced from the existing land owned by both parties.

Installation and maintenance of the transmission lines to carry the effluent to a reuse site shall be the responsibility of POST FALLS, regardless of which party owns the real property on which the reuse will occur.

Installation and maintenance of the distribution system on the site shall be the responsibility of the entity that owns the property, unless agreed to otherwise by both parties in writing.

E. POST FALLS and RATHDRUM acknowledge that their respective facilities are subject to the requirements of the Clean Water Act (CWA), the National Pollutant Discharge Elimination System (NPDES), and state and local environmental health regulations, in addition to any environmental permits that they may hold, and shall accordingly respond and accept responsibility to conditions or incidents involving their respective facilities.

4. Section XVI, Paragraph C is replaced with the following language:

C. The report which addresses capacity analysis shall establish a base system of actual use which relies upon flow and waste stream analysis. Such analysis shall form the baseline for discussion of future capacity allocation and expansion of capacity. It is intended that the allocation of capacity will not exceed 80% of the wastewater treatment capacity without discussion regarding a plan for future creation of capacity. When the wastewater treatment capacity reaches 80% of the facility capacity, POST FALLS will send written notice to RATHDRUM that such capacity has been reached. At that time, POST FALLS will either enter into an agreement for the design of treatment expansion, or meet with Rathdrum to determine the need for additional capacity. Neither party shall be entitled to use the 20% remaining capacity until such time as POST FALLS has entered into an agreement for the design of treatment expansion or POST FALLS and RATHDRUM have met to discuss the future capacity needs of each entity and determined that no expansion of the capacity is needed. Both parties shall

participate in good faith in discussions regarding their future needs for capacity, the costs of any capacity expansion and the allocation of the remaining capacity.

5.. Section XVI, Paragraph F is replaced with the following language:

F. If at any time RATHDRUM believes its capacity needs cannot be met by what is remaining in the unused portion of the 80% of the capacity of the allocation made by this Agreement in Section XVI, Paragraph C of the Agreement as amended herein, RATHDRUM shall provide written notice to POST FALLS that additional capacity will be needed. Said notice must state when additional capacity will be needed and how much will be required.

Upon receipt of such notice, POST FALLS shall either notify RATHDRUM within sixty (60) days whether POST FALLS will make available part of the twenty percent (20%) of existing reserve capacity. If POST FALLS declines to make available additional existing capacity upon such notice, RATHDRUM may request expansion of the existing plant or processes to provide the capacity which RATHDRUM needs. Upon prepayment of the estimated engineering analysis costs by RATHDRUM, POST FALLS shall promptly process to propose methods of expansion or modification of the existing wastewater treatment plant to accommodate RATHDRUM'S needs. In consultation with RATHDRUM, POST FALLS will select a method of expanding capacity which best fits with the process and capacities employed by the existing system. RATHDRUM shall be responsible for funding the costs of such expansion or modification. The expansion or modifications shall be subject to any such expansion or modification complying with the NPDES permit issued by EPA. In the event that such proposed expansion or modification shall cause the system to no longer be in

compliance with the current EPA permit, POST FALLS may decline to expand or modify the existing system.

If the system capacity is expanded at the request of RATHDRUM, and paid for by RATHDRUM, RATHDRUM shall be entitled to use the capacity created by such expansion funded by them. POST FALLS shall be entitled to purchase up to 20% of said additional capacity by paying the capitalization fee derived from the costs of the expansion. Addition of capacity by this method shall not alter the actual ownership of the treatment plant facilities, which shall remain exclusively with POST FALLS, but RATHDRUM shall be entitled to rights respecting such added capacity comparable to those of POST FALLS for existing capacity provided in accord with this Agreement.

Notwithstanding the limitations on the use of the remaining 20% capacity set forth in Section XVI, Paragraph C, if the system capacity is expanded at the expense of RATHDRUM, pending the completion of the expansion RATHDRUM shall be entitled to use up to 50% of the remaining 20 % capacity while the expansion is being constructed.

6.. That Section XVI shall have added as paragraph G the following language:

G. In the event that RATHDRUM elects to construct its own wastewater treatment facility and to no longer discharge Rathdrum wastewater into the Post Falls Wastewater Treatment System, POST FALLS and RATHDRUM agree that any portion of the Post Falls Wastewater System that was constructed by RATHDRUM pursuant to Section XVI (F) or any part of the system constructed by POST FALLS for which RATHDRUM has paid capitalization fees will be considered as fully depreciated and RATHDRUM will not be entitled to any

reimbursement from POST FALLS, unless the parties mutually agree that it is beneficial to POST FALLS for RATHDRUM to no longer discharge to the POST FALLS wastewater system, at which time the parties will negotiate the dollar amount of value to POST FALLS of the removal of RATHDRUM from the treatment system.

7. That Section XVI, shall have added as paragraph H the following language:

H. The parties agree that as the NPDES permit is being renewed with EPA, POST FALLS will provide notice to RATHDRUM in writing within twenty (20) day's following receipt of notice from EPA of the renewal process, or any other notices regarding the renewal, and shall provide an opportunity for RATHDRUM to meet with POST FALLS to discuss technology available to meet the permit requirements and to also participate in any discussions regarding the permit renewal.

8. That Section XVIII shall be amended to add paragraph C, D and E to read as follows.

C. RATHDRUM agrees to maintain a record of all users, both Industrial Users and residential users, and to provide to POST FALLS on an annual basis during the term of this agreement a list of all Significant Industrial Users and Minor Industrial Users, as defined by the Post Falls Pretreatment Ordinance. The first report will be due within thirty (30) days of execution of this First Amendment and all subsequent reports will be due on or before the first day of October of each year. The report shall include the type of business, what pretreatment has been required by RATHDRUM, and the number of Equivalent Residences assessed to each new Industrial User.

**FIRST AMENDMENT TO INTERGOVERNMENTAL AGREEMENT BETWEEN
THE CITY OF POST FALLS AND THE CITY OF RATHDRUM FOR THE
TREATMENT AND DISCHARGE OF WASTEWATER DATED JANUARY 9,
1996 - 7**

D. For the purposes of this Agreement, an Equivalent Residence shall be 5000 gallons per month..

E. RATHDRUM shall update the Rathdrum Pretreatment Ordinance to bring it into conformance with the POST FALLS Pretreatment Ordinance adopted by the Post Falls City Council and any amendments thereto.

9. That Section XVIII shall be amended to add paragraph D to read as follows:

D. RATHDRUM shall employ, either a staff member or an independent contractor, no later than December 1, 2010, a licensed wastewater operator in accordance with Department of Environmental Quality Wastewater Rules, and provide the necessary equipment and supplies to perform any required operation, maintenance and sampling of RATHDRUM's facilities. Prior to that date, POST FALLS agrees to perform pretreatment program sampling for RATHDRUM at the actual labor and travel costs. The charges for the sampling will be added to the monthly invoice provided to RATHDRUM.

10. That Section XVIII shall be amended to add paragraph E to read as follows:

E. RATHDRUM agrees to provide to POST FALLS on an annual basis copies of the RATHDRUM annual and five (5)-year capital improvement plans for the RATHDRUM wastewater collection and transmission system. The first of such plans shall be due provided to POST FALLS no later than thirty (30) days following the execution of this First Amendment by both parties, and each subsequent year no later than June 1. POST FALLS shall be entitled to review and comment to RATHDRUM concerning any and all aspects of the wastewater

system capital needs. Such comments will be considered in formulating the annual and five (5)-year capital budgets for the RATHDRUM system.

11. This First Amendment is effective as of the 20th day of May, 2009.

12. This First Amendment incorporates and includes all of the changes agreed by and between the parties and supersedes and replaces any oral discussions, representations, or stipulations previously entered into by the parties.

13. All other provisions of the above-described **INTERGOVERNMENTAL AGREEMENT BETWEEN THE CITY OF POST FALLS AND THE CITY OF RATHDRUM FOR THE TREATMENT AND DISCHARGE OF WASTEWATER DATED JANUARY 9, 1996** shall remain in full force and effect and shall not in any way be modified, changed, altered, or amended by this contract modification.

CITY OF POST FALLS

CITY OF RATHDRUM

Mayor Clay Larkin
Clay Larkin, Mayor
Date: 5-20-2009

Vic Holmes
Vic Holmes, Mayor
Date: 5/15/09

ATTEST:

Carol Fairhurst
Carol Fairhurst, City Clerk

Melissa Taylor
Melissa Taylor, City Clerk

FIRST AMENDMENT TO INTERGOVERNMENTAL AGREEMENT BETWEEN THE CITY OF POST FALLS AND THE CITY OF RATHDRUM FOR THE TREATMENT AND DISCHARGE OF WASTEWATER DATED JANUARY 9, 1996 - 9

**INTERGOVERNMENTAL AGREEMENT
BETWEEN THE CITY OF POST FALLS AND
THE CITY OF RATHDRUM FOR THE
TREATMENT AND DISCHARGE
OF WASTEWATER**

This Agreement is entered into this 9TH day of JANUARY, 1996, by and between the CITY OF POST FALLS, a municipal corporation of the State of Idaho, hereinafter referred to as "POST FALLS" and the CITY OF RATHDRUM, a municipal corporation of the State of Idaho, hereinafter referred to as "RATHDRUM";

It is hereby agreed as follows:

WHEREAS the City of Post Falls, Idaho owns and operates a sewage treatment plant commonly known as the Post Falls Sewage Treatment Plant located in Post Falls, Idaho which is authorized by law to receive, treat, and discharge municipal wastewater pursuant to permits issued by the United States and the State of Idaho; and

WHEREAS the City of Rathdrum has contracted for sewage treatment plant capacity for the purpose of treating wastewater and sewage discharged from its sewage collection system; and

WHEREAS the City of Post Falls has committed to providing treatment of municipal wastewater generated in Rathdrum consistent with the capabilities of the Post Falls Sewage Treatment Plant and the needs of both cities; and

WHEREAS the City of Post Falls and the City of Rathdrum believe that there are mutual benefits to be derived by cooperating through this intergovernmental agreement whereby POST FALLS agrees to process municipal wastewater from RATHDRUM in reasonable quantity; and

WHEREAS among those benefits to be derived are an economy of scale in the cost of operation of the Post Falls Sewage Treatment Plant resulting in a potential cost savings to users presently serviced by the City of Post Falls and the Rathdrum wastewater collection system; and further the tangible and intangible benefits of the protection of the Rathdrum aquifer and the quality of the environment in the Post Falls and Rathdrum communities; and

WHEREAS the relationship which has developed by virtue of the shared use of the Post Falls Sewage Treatment Plant enables Rathdrum to use the services of said facility for the treatment of wastewater in the most economic, efficient and environmentally prudent manner at the time of entering into this Agreement; and

WHEREAS the parties and each desire to renew their written agreement to provide for the treatment of wastewater from the Rathdrum wastewater collection system at the Post Falls Sewage Treatment Plant on a fair and equitable basis, including providing for the present and future changes of circumstance considering the potential for expansion of the Post Falls Sewage Treatment Plant, the consideration of wastewater treatment alternatives for Rathdrum, and the ongoing costs of operation, maintenance and repair of the existing and future facilities owned or operated by either city; and

WHEREAS Idaho Code permits cities to enter into contracts with one another to perform public responsibilities in a cooperative manner; and

WHEREAS the parties have negotiated in good faith the terms and conditions of this Agreement which would enable the parties to accomplish this purpose for the duration of the joint working relationship which governs the treatment of wastewater originating in the respective communities; and

WHEREAS the City of Post Falls and the City of Rathdrum have determined that this Agreement and the expenditures and obligations set forth herein are ordinary and necessary to provide for the general health, safety and welfare of their respective cities; and

I. CONTRACT FOR AVAILABLE WASTEWATER TREATMENT CAPACITY

POST FALLS agrees to make available on a continuing basis to RATHDRUM and RATHDRUM agrees to pay consideration to POST FALLS, pursuant to the terms of this Agreement, sewage treatment services at the Post Falls Sewage Treatment Plant in amounts determined pursuant to this Agreement. Said treatment service will be provided to Rathdrum in accordance with the capabilities of the Post Falls sewage treatment facilities and the needs of the City of Post Falls consistent with the terms of this Agreement.

II. ALLOCATION OF AND PAYMENT FOR WASTEWATER TREATMENT

A primary purpose of this Agreement is to establish the methods by which wastewater treatment capacity in the Post Falls Sewage Treatment Plant is allocated between POST FALLS and RATHDRUM, and how financial obligations are met as the capacity and demands placed upon the sewage treatment plant change over time. The original agreement between the parties dated shall serve as a guideline for the future relationship between the parties to the extent not superseded by this Agreement. The parties recognize that future allocation of treatment capacity between them will depend in part upon circumstances unknown at the time of entering into this Agreement. They promise to exercise good faith in dealings with one another to resolve future differences recognizing that neither party will benefit in the long run by trying to gain an advantage over the other. The parties agree that at the time of entering into this modified agreement their respective prepaid capital obligations have been paid up on a current basis and

that Rathdrum currently owes Post Falls no additional prepaid capital funds beyond those already paid, a full accounting having been made prior to execution of this Agreement.

POST FALLS shall establish a rate for wastewater treatment, inclusive of operational and capital maintenance costs necessary to maintain the POST FALLS wastewater treatment facility in sound operating condition and operating in compliance with regulatory standards.

RATHDRUM'S use of the POST FALLS treatment facility shall be treated as a single user for purposes of calculating maintenance and operational charges. RATHDRUM shall pay monthly maintenance and operational charges on the same basis as system users in POST FALLS, deducting therefrom the portion of any service charge which is attributable to operation and capital maintenance of the POST FALLS wastewater collection system. The rate to be paid by RATHDRUM may vary from year to year but will never be less than the actual rate being paid by Post Falls users of the treatment works.

III. NEW USER FEES AND DEPOSIT OF PAYMENT FOR ADDITIONAL CAPACITY

A. Subject to the terms and conditions herein set forth, POST FALLS agrees to make available to RATHDRUM additional capacity for new users of the Rathdrum wastewater collection system pursuant to provisions of Article XVI. of this Agreement. A new user shall be defined as a user which has not been previously connected to the Rathdrum wastewater collection system.

B. The capitalization fee charged to new users shall be determined at the time of request for connection of the new user. Except in unique circumstances, which shall be discussed face-to-face between representatives of the respective cities, the time of request for connection of a new user shall be at the time that a building, setting or other construction permit is requested by

a new user. The treatment capitalization fee charged to new Rathdrum users shall be equal to the amount charged to new Post Falls users for treatment plant capacity. At the time the new user is issued a building, setting or other construction permit, the fee shall be collected by the City of Rathdrum and remitted to the City of Post Falls where it will be assigned to the wastewater treatment capital account. Remittance shall be made on a monthly basis and shall be accompanied by an accounting of the basis of the remittance.

C. In the event that POST FALLS determines that there is no additional capacity to accommodate new or expanded uses, the procedures set forth in Article XVI shall be invoked.

D. All capitalization fees paid by RATHDRUM to POST FALLS for additional, expanded or new users shall be allocated to a dedicated fund, the sole purpose of which shall be to fund capital improvements to the Post Falls Wastewater Treatment Facilities, exclusive of collection system components. Nothing in this Agreement is intended to preclude or limit Rathdrum's ability to charge capitalization fees to fund its collection system or other wastewater treatment facilities.

E. All moneys committed to said dedicated fund shall be used exclusively for the use of POST FALLS in providing additional capacity, capital renovation, or improving treatment efficiency or efficacy to aid a new process, reduce operating costs, or comply with new regulations at the existing sewage treatment plant. RATHDRUM and POST FALLS hereby agree that all moneys maintained in said fund may be expended by POST FALLS from said fund for the purposes set forth herein. POST FALLS agrees to provide an annual and five- year capital budget for Wastewater Treatment Facilities to RATHDRUM no later than June 1 of every year that this Agreement is in effect. POST FALLS further agrees to meet with and discuss with

RATHDRUM said budgetary plans prior to adoption of its annual budget. The decision of Post Falls shall be final in such matters. RATHDRUM agrees to charge and remit the same Wastewater Treatment capitalization fee which is charged by the City of Post Falls provided that at least 30 days' notice is given of any changes to said fee.

F. The decision to expand, alter, or modify the sewage treatment plant capacity and/or methods of treatment, including the timing of construction, the letting of contracts and similar aspects of ownership shall be in the sole determination of POST FALLS, which shall at all times pertinent hereto remain the sole owner and operator of the Post Falls Sewage Treatment Plant, subject to the right to use said plant by RATHDRUM, consistent with the terms of this Agreement. POST FALLS further agrees that its determination as to whether or not to expand the Post Falls Sewage Treatment Plant or to modify the methods of treatment shall be based upon documented, sound fiscal, technical and legal considerations, and that POST FALLS shall not arbitrarily refuse to expand the Plant, nor will it change the treatment process without sound scientific or operational bases. If emergency needs must be met, Post Falls may borrow funds as necessary and adjust rates to Rathdrum proportionate to those charged to all system users.

G. Post Falls agrees to annually provide copies of its five (5)-year capital improvement plan for the wastewater treatment system to Rathdrum when such plan is presented to the City of Post Falls, but in any event, at least three (3) months prior to the adoption of the Cities' annual budgets. Rathdrum shall be entitled to review and comment to the City of Post Falls concerning any and all aspects of the wastewater treatment system capital needs. Such comments will be considered in formulating the annual and five (5)-year capital budgets for the system.

H. Unless prior agreement is to the contrary, any expansion of the capacity of the existing facility shall be without specific allocation to the use of either party except as provided in Article XVI.

IV. OWNERSHIP OF THE POST FALLS SEWAGE TREATMENT PLANT

POST FALLS shall at all times now and in the future continue to own and operate the Post Falls Sewage Treatment Plant. Nothing in this Agreement shall be deemed to convey to RATHDRUM or to any other party an ownership interest in any portion of said physical facility or the right to operate said facility, subject, however, to Rathdrum's to use capacity in the plant pursuant to this Agreement. The specific intent of this Agreement is to accommodate the provision of a service by POST FALLS to RATHDRUM as limited and defined by the terms of this Agreement. The operation of the Post Falls Sewage Treatment Plan and any expansion or additions thereto, now or in the future, shall be the sole responsibility of POST FALLS, except to the extent POST FALLS shall be obligated to provide service to RATHDRUM, and RATHDRUM be required to share in the costs of the operation, maintenance, replacement and expansion of the plant as specifically set forth in this Agreement.

V. CONSTRUCTION AND MAINTENANCE OF INTERTIE

A. RATHDRUM shall remain solely responsible for the design, financing, construction, maintenance, repair, and operation of its publicly owned wastewater collection, conveyance and processing facilities necessary to deliver wastewater to the Post Falls Sewage Treatment Plant, except as herein specifically provided. RATHDRUM's obligations shall include any and all collectors, interceptors, transmission pipelines, pumps, lift stations, and any other conceivable

appurtenances thereto, necessary to transmit wastewater to the sewage treatment plant owned by POST FALLS or to the designated point of connection.

B. As additional consideration for the agreement of POST FALLS to treat sewage transmitted by RATHDRUM to the Post Falls Sewage Treatment Plant, RATHDRUM shall provide to Post Falls for review and reasonable approval by POST FALLS the design of equalization basins, metering, monitoring controls, and other incidental facilities anticipated to be constructed by RATHDRUM which are necessary to integrate Rathdrum flows into the Post Falls Sewage Treatment Plant in a manner which best enables effective treatment of the waste stream. Such designs shall be in compliance with the "10 State" Recommended Standards for Wastewater Facilities. POST FALLS may make additional reasonable requirements as may be necessary in the operation of such facilities owned by RATHDRUM to ensure safe, efficient, and proper treatment of flows from RATHDRUM: RATHDRUM shall obtain the specific prior approval from POST FALLS of any plans which would affect operation, capacity, or maintenance of the POST FALLS Wastewater Treatment Plant. Both cities recognize that equalization of flows is a factor to be considered in the design of new capacity and that each city bears a responsibility to cooperate respecting the equalization potential to be realized through collection system design and implementation.

C. Nothing contained in the Agreement, herein or otherwise, permitting POST FALLS to approve the design of specific RATHDRUM facilities which impact the Post Falls Sewage Treatment Plant shall be deemed to create any liability by POST FALLS to RATHDRUM or any other party for the design, construction or operation of such facilities owned by RATHDRUM. RATHDRUM shall at all times now and in the future be deemed to be solely and ultimately

responsible for the safe and efficient design and operation of such facilities owned by RATHDRUM to the exclusion of any liability by POST FALLS. The approval by POST FALLS shall be limited to those matters of design and operation that relate exclusively to the efficient operation of the POST FALLS wastewater treatment plant.

D. RATHDRUM shall at all times own any and all facilities constructed by them, including the transmission lines, lift stations, pumps, collectors, interceptors, and any conceivable appurtenance thereto constructed by RATHDRUM up to the point of connection with the Post Falls Sewage Treatment Plant.

E. Nothing in this Agreement shall limit the ability of the parties to enter into future written amendments hereto which would provide for joint use of the intertie for transmission of treated wastewater or for other shared undertakings. It is the intent of the parties hereto that future opportunities for cooperation between the two entities may present themselves which will warrant addition to or modification of this agreement. It is the intent of the parties to cooperate and consider reciprocal use of facilities owned by either for furthering the purposes of this agreement. Such cooperative and joint use shall be in accordance with primary needs of the owning party, affording benefits to both parties when capacity and system design allow. Specific allocation of reciprocal benefit from capital improvements to the wastewater treatment and collection systems of each party may be accomplished by amendment of this Agreement at any time.

VI. NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMITS

A. Rathdrum and Post Falls acknowledge and agree that it is in their mutual interest to maintain National Pollutant Discharge Elimination System (NPDES) permits and other approvals

to enable the operation and future expansion of the Post Falls Treatment Plant for the purpose of making capacity available for wastewater treatment by both cities and for improving the quality of water discharged therefrom.

B. Rathdrum agrees that it shall at all times exercise its best good faith in assisting Post Falls to acquire and maintain permits for wastewater treatment plant expansion and operation, including NPDES permits for capacity greater than presently exists at the Post Falls Wastewater Treatment Plan.

C. It is the intent of the parties during the term of this Agreement, that both cities will have a continual interest in obtaining permission to expand capacity or enhance operation of the existing wastewater treatment plant, and that any such permits shall inure to the benefit of the City of Post Falls as owner of the wastewater treatment plant.

VII. ALLOCATION OF COSTS OF OPERATION AND MAINTENANCE

A. RATHDRUM agrees to pay to POST FALLS on a monthly basis a monthly user charge representing a proportionate share of costs incurred by POST FALLS in the operation of the Post Falls Wastewater Treatment Plant. Said amounts payable by RATHDRUM to POST FALLS shall continue for each month that wastewater is actually discharged from the Rathdrum wastewater collection system to the Post Falls Wastewater Treatment Plant, except as provided in Article XXIII. The operations and maintenance rate charged to RATHDRUM shall be the same as a single commercial customer in POST FALLS, less the rate component for collection system operation. Additional rate considerations shall be established which recognize the actual additional costs of operation occasioned by delivery of wastewater at times or in quantities which conflict with peak flows within Post Falls. A variation in daily flow of more than 15% (plus or

minus) of the monthly average flow for the month in which the flow occurs shall be considered a conflict with plant operation and shall be subject to a 10% rate surcharge for the amount pumped on any day which varies more than 15%.

B. The monthly service charges payable by RATHDRUM to POST FALLS shall be paid within forty-five (45) days of the date upon which they were billed. Billings shall be tendered after meter readings for the preceding month have been calculated and appropriate adjustments have been compiled based upon operations during the preceding month.

C. In order to compute flow for the purpose of applying the rate formula, RATHDRUM shall at its expense install and maintain an influent meter at a location agreed upon by the parties. Said meter shall register both the amount of wastewater pumped and the timing thereof. Both parties shall have access to this meter at all reasonable times and calibration tests shall be performed thereon as either party deems necessary. If POST FALLS believes there is just cause for a test of calibration of the meter, it shall state its reasons, and upon showing just cause, said test or calibration shall be performed at the expense of RATHDRUM. If POST FALLS desires to check calibration of such meter it may do so at any time, at its own expense, without a showing of just cause. Any such meter shall be certified accurate by a mutually agreed upon test facility at least once a year. In the case of failure of the meter, flows will be estimated using the average daily flow for the past 30 days. If the meter remains out of service for more than ten days, and RATHDRUM is not making a reasonable effort to restore metering, a surcharge of 10% will be added to the estimated flows.

VIII. REPLACEMENT FUNDS/UNANTICIPATED EXPENDITURES

A. POST FALLS shall establish a capital replacement fund as a part of its annual and five-year wastewater treatment plant budget. All moneys placed in this fund in proportionate amounts by each party shall be set aside and used exclusively for major repairs and replacement of equipment at the Post Falls Sewage Treatment Plant. Capital Maintenance funds shall not be used for expansion of facility capacity or for any other purpose. POST FALLS shall identify a capital maintenance rate which shall be a component of its monthly maintenance and operations charge to be set aside in the capital maintenance fund for the purposes set forth herein. Rates shall reflect this component.

B. It is anticipated that from time to time there may occur unbudgeted necessary and reasonable expenses as a result of operation of law, act of God, governmental mandate or any other unbudgeted consequence of circumstance that may result from the operation of a wastewater treatment plant. Such occurrences may result in the need to improve, modify, or replace existing equipment or facilities, to make changes to the physical plant necessary to accommodate the change in circumstances, or cause changes in the cost of operation of the plant not reasonably anticipated in the annual budget. In the event that such expenses exceed the amount maintained in the capital replacement fund or operating fund, POST FALLS shall notify RATHDRUM in writing of the anticipated cost and its intention to adjust monthly rates, impose a temporary surcharge, or undertake other measures that may affect customers discharging into the treatment facility. All customers will be equitably affected by such changes.

IX. INTEREST AND LATE CHARGES

A. RATHDRUM agrees that any amounts due and payable under the terms of this Agreement shall be paid on or before the date due. Where not otherwise specifically set forth, any funds due and payable by RATHDRUM to POST FALLS shall be due and payable within forty-five (45) days of the date upon which such authorized costs are billed to RATHDRUM. This provision shall not permit the delay in payment of any amount for which a specific time has been established, but shall operate only in the event that no specific time has been set forth for such payment.

B. In the event that RATHDRUM shall fail to pay any amount due to POST FALLS on or before the date and time due and payable, POST FALLS shall be entitled to receive the principal due plus the statutory rate of interest thereupon as provided by Idaho law. Should any legal action be deemed necessary to seek the collection of said amounts, POST FALLS shall be entitled to be reimbursed for its actual attorney's fees and costs of litigation, if any.

X. PRE-TREATMENT AND RESTRICTION OF DISCHARGE

A. The parties agree that in the interest of complying with applicable Federal, State or local laws and regulations, as well as in the interest of maintaining the environmental quality of the RATHDRUM-POST FALLS communities and the efficiency of the wastewater treatment plant, it is necessary now and in the future to establish reasonable requirements for the pre-treatment of wastewater disposed at the Post Falls Sewage Treatment Plant, and further to restrict the introduction of certain types of waste and discharges which may be harmful to the operation of the Post Falls Sewage Treatment Plant or to the environment. For the purpose of this Section, pretreatment requirements shall apply to each separate wastewater generator discharging into the

RATHDRUM collection system. The discharge from the RATHDRUM force main into the Post Falls Wastewater Treatment Plant will not be considered as a single point of discharge. Individual wastewater generators in each community must meet the intent of applicable laws and regulations and will not be permitted to dilute their discharge, combine their discharge with another generator, or in any other way circumvent the limitations for a point discharge. In that regard, the parties agree as follows:

1. RATHDRUM shall at all times now and in the future abide by all applicable Federal, State and local laws and regulations pertaining to the discharge of effluents or wastewater to be treated in a publicly owned treatment works.
2. RATHDRUM shall establish by ordinance and enforce any and all requirements for pre-treatment of wastewater consistent with any pre-treatment required by POST FALLS. RATHDRUM shall accomplish this end by retaining staff or independent contractor with qualifications to conduct such analysis. If desired POST FALLS will provide technical support for such efforts on a cost reimbursement basis. POST FALLS is authorized to spot-check industrial discharges into the RATHDRUM collection system at any time. RATHDRUM shall supply all test results and monitoring data to POST FALLS on a regular basis.
3. RATHDRUM shall restrict and preclude the introduction and discharge of certain types of wastewater, toxins, wastes and undesirable chemicals and effluent in the same manner and to the same degree as they are restricted and limited by POST FALLS as applied to its own users or as otherwise required of POST FALLS by state and Federal regulators. RATHDRUM shall make a part of its wastewater collection system use

ordinance any such restrictions on the introduction of any such toxins, undesirable wastes, wastewater or chemicals in the same manner as does POST FALLS and shall commit the necessary resources to enforce said requirements. RATHDRUM agrees that if it is negligent in this regard, it shall compensate POST FALLS for any expenses, including fines, penalties, extraordinary labor or disposal costs, or other related charges which POST FALLS incurs as a consequence of RATHDRUM's inadequate performance of its duties.

D. At no time shall RATHDRUM permit stormwater inflow to enter its wastewater collection system. RATHDRUM agrees to compensate POST FALLS for costs incurred, including fines, penalties, extraordinary labor costs, or other related charges which are the result of any RATHDRUM-based uncontrolled stormwater inflow or infiltration into the POST FALLS Wastewater Treatment Facility.

XI. ENFORCEMENT/INSPECTIONS

A. RATHDRUM shall at all times during the term of this Agreement enforce each and every restriction, limitation or requirement regarding discharge of wastewater which is made a part of this Agreement or contained in its ordinances or other applicable resolutions, regulations or the like. This shall include any existing or future mandates by any Federal, State or local regulatory agency which may occur from time to time.

B. In order to ensure compliance, POST FALLS shall have the right to make reasonable inspections and inquiries concerning the Rathdrum wastewater collection system, including the intertie and all appurtenances thereto and the operating practices associated therewith, upon reasonable notice and at reasonable times, no less frequently than once per year. RATHDRUM

shall at all times cooperate with authorized agents of POST FALLS in permitting such inspections and answering inquiries concerning the wastewater collection system and the discharge of wastewater.

C. In the event that RATHDRUM shall fail to discharge its duties under the terms of this Agreement, which shall include the enforcement of its own ordinances or its responsibilities as defined herein, POST FALLS shall notify RATHDRUM in writing of any such breach. RATHDRUM shall within ten (10) days of the date of mailing of such written notice respond in writing providing adequate assurances and proof that the breach of any such duty or obligation has been cured. In the event that RATHDRUM fails to diligently undertake cure of any breach within said ten (10) day period, then in that event, POST FALLS may wherever possible, and acting in good faith in all respects, undertake to remedy any such defect or breach by RATHDRUM, which may include the repair or modification of the wastewater collection system, and charge to RATHDRUM all reasonable expenses incurred in doing so. In the event of a bona fide emergency, which shall be defined as any state of affairs which immediately affects the quality of the environment, or the safe and healthful operation of the wastewater treatment plant, as may be determined by any public agency or political subdivision mandated with the protection of the environment or protection of the public health (including the City of Post Falls), POST FALLS may bypass its contractual obligation to provide written notice and orally notify RATHDRUM of the emergency. In the event that RATHDRUM then fails to immediately cure the defect or remedy the situation, POST FALLS may do so without further notice. POST FALLS shall similarly be entitled to reimbursement for actual expenses incurred in taking such necessary emergency action.

D. Nothing in this Agreement shall be construed as placing upon POST FALLS an obligation to cure or remedy any such defect or breach, which duties shall solely belong to RATHDRUM as it pertains to the operation of its wastewater collection system and the intertie. The purpose of this provision is merely to provide POST FALLS with the opportunity to do so if, in its sole discretion, it deems it advisable in the event of any default or breach by RATHDRUM.

XII. REMEDY FOR DEFAULT AND BREACH

In the event that either party breaches any material term or provisions of this Agreement, the non-defaulting party shall cause to be delivered in writing to the other, a notice stating said breach or default and demanding that the same be cured within thirty (30) days from the date of mailing of said notice. In the event that such default or breach is not cured within that period of time, the non-defaulting party may petition for legal relief in the Courts of the First Judicial District of the state of Idaho. The non-defaulting party may request any such equitable or legal relief as it deems appropriate under the circumstances, which may include specific performance of this Agreement on such terms as the Court may impose.

XIII. LIABILITY INSURANCE AND INDEMNIFICATION

A. POST FALLS assumes responsibility for the safe and efficient operation of its wastewater treatment plant. To the extent that POST FALLS deems necessary, it shall obtain such policies of liability insurance as may be appropriate to cover such losses as may arise from accident, injury or damage to property. The cost for acquiring such insurance shall be deemed to be a ordinary cost of operation and shall be made part of the costs proportioned between the parties as provided for by this Agreement.

B. At all times RATHDRUM shall assume the obligation for the safe operation of its wastewater collection system and the intertie which provides for the discharge of wastewater to the Post Falls wastewater treatment plant. RATHDRUM shall at all times maintain a policy of liability insurance for any injury to person or damage to property arising out of the operation of said wastewater system or intertie, but not including pollution insurance. Said policy of liability insurance shall be in the minimum amounts of \$500,000.00 per occurrence and \$500,000.00 aggregate for any such claims for damage which may occur, or in any event such amounts not less than the statutory maximum dollar amount permitted to be assessed as damages against a political subdivision of the State of Idaho. RATHDRUM agrees to name as an additional insured on any such policy, the City of Post Falls as it relates to the operation of the intertie and the discharge of wastewater to the sewage treatment plant located in Post Falls and operated by POST FALLS.

C. RATHDRUM further agrees that as consideration for this Agreement, RATHDRUM agrees to indemnify and hold harmless POST FALLS from any and all claims of any kind, character or nature arising out of the operation of the Rathdrum Wastewater Collection System or the intertie which provides for the discharge of wastewater to the Post Falls wastewater treatment plant. This provision for indemnification shall include, in addition to any actual damages which may be claimed or result, reimbursement for reasonable attorney's fees and the costs of defense incurred by the City of Post Falls.

XIV. DAMAGE TO SYSTEM

In the event that the wastewater treatment plant or any component thereof is damaged by any party to this Agreement or by any third party on account of or arising out of the failure, malfunction, or negligent maintenance or design of any component of the wastewater system operated by either party, or by the failure of either party to properly adopt or enforce the regulations and restrictions made a part of this Agreement, and which said damage is traceable to a specific component of the system or to the failure of either party to perform, such damage shall be the exclusive responsibility of the party charged with such maintenance or operation of their system, or the enforcement of the rules and regulations made a part of this Agreement. Each party agrees to indemnify and hold harmless the other party from all costs for repair, claims and liabilities, or any other costs, including reasonable attorney's fees which may be incurred as a result of such damage arising from such failures, malfunctions, negligence, maintenance or operation, or the breach of that parties duties to restrict and limit the discharge of certain types of waste and wastewater.

B. For example, if damages are traceable to a portion of the Rathdrum wastewater collection and transmission pipes, or are attributable to a RATHDRUM user provided service under the terms of this Agreement, RATHDRUM shall be solely responsible for the costs of repairing any such damage and POST FALLS shall not be required to contribute. In the event that damage is not traceable to any specific user the costs shall be borne by both parties predicated on the formula for the distribution of costs previously set forth. Both parties agree to cooperate and use utmost diligence and good faith in their efforts determine the cause of damage arising out of operation of the wastewater collection and treatment facilities which are the subject of this agreement.

XV. ALLOCATION OF FUTURE USE AND SERVICE

A. The parties acknowledge and agree that the present wastewater treatment plant is sufficient to service the discharge of wastewater for both users at the present time. Wastewater service shall be provided to both parties and their respective residents and users in accordance with the allocation principles established pursuant to this Agreement, subject to payment of such user and new capacity fees as may be required.

B. Both parties expressly agree that wastewater collection service provided by either party under the terms of this Agreement shall not be provided outside their respective corporate limits, now existing, or as subsequently modified, except to serve the needs of a political subdivision of the state. In extraordinary circumstances which pose significant consequences to the environment, the parties agree to consult one another concerning the temporary authorization of extraterritorial service. The decision to conditionally allow extraterritorial service shall be the exclusive prerogative of POST FALLS. Requests for extraterritorial service from either party shall assume a lower priority than potential obligations within the corporate limits of either municipality. Should POST FALLS approve extraterritorial service it will provide written documentation substantiating a technical, legal, or economic justification for granting such approval.

C. Under no circumstances shall RATHDRUM extend the service provided under the terms of this Agreement to any other municipality or political subdivision without the express written approval of POST FALLS. POST FALLS may deny the extensions of service to any other municipality or political subdivision, public utility, district or private user association or corporation, at its sole discretion and without stating a reason.

XVI. CAPACITY ALLOCATION PROCEDURES

A. The parties acknowledge that during the course of performance since its inception, the relationship established between the parties has been affected by growth and change within the respective communities. The parties agree that a fixed allocation for the duration of the Agreement is not practical, and that the issues of capacity allocation need to be adjusted on an ongoing basis as circumstances dictate. In order to accomplish such adjustment, and to maintain a constructive working relationship, the parties must communicate annually, or more frequently as the need arises, about capacity allocation.

B. Toward that end, the POST FALLS will prepare an annual capacity analysis to be presented to the respective parties by March 31 of each year. Such analysis shall report capacities of the treatment works, flows from each of the jurisdictions, and, after consultation with RATHDRUM, trends which can be expected to shape treatment demands in the respective cities in the year or years to come. The firm treatment capacity established by the POST FALLS for purposes of this analysis shall be that which can be sustained through a major component failure and unscheduled operational interruptions of duration in excess of 24 hours or more, not the ultimate capacity of all system components if all are functioning at peak efficiency.

C. The report which addresses capacity analysis shall establish a base system actual use allocation which relies upon flow and wastestream analysis. Such analysis shall form the baseline for discussion of future capacity allocation. The parties will begin with current flows as their base flow allocation. The treatment capacity at the time of making this Agreement is calculated to be 1.5 MGD. Current Rathdrum flow is .25 MGD. Current Post Falls flow is 1.25 MGD. There is no current unallocated capacity, pending completion of construction which will begin in early

1996. When the contemplated construction is complete, the capacity of the Plant is projected to be 3.1 MGD. The first 75% of wastewater treatment capacity will be allocated on an 80/20 (Post Falls/Rathdrum) basis. The remaining 25% of capacity will be reserved for allocation on request by either of the parties at the time a proposed use is presented. It is the intent of the parties to this Agreement that consultation between the parties will be carried out before unallocated capacity is completely committed. Except in extraordinary circumstances, it is the intent of the parties that at least 25% of the identified unallocated capacity (25% of 25%) remain available for specific allocation after such consultation. The capacity allocation shall be accomplished annually by letter addendum to this Agreement approved by the respective city councils of the contracting cities. Absent a letter agreement allocating new capacity, the parties shall be limited to the formula for allocation set forth above after certification by POST FALLS that new capacity is available for allocation. It is the duty of each party to participate in good faith in negotiations concerning capacity allocation. The provisional allocation established by this Agreement recognizes that two (2) construction projects are contemplated which will affect treatment capacity. Changes in capacity will be recognized only after capacity-related projects are completed and fully functional. In the event the parties fail to agree pursuant to this section, the remaining 25% of the unallocated treatment capacity shall be split on the 80%/20% split provided for herein.

D. Calculation of demand for treatment capacity shall be based upon projected treatment facility use using agreed upon relevant factors for prospective users. Residential land uses shall be calculated on the basis of 165 GPD per dwelling unit. Commercial and industrial uses shall be based upon an analysis of the quality and quantity of wastewater generated by the activity in

question. Capacity commitments are binding upon the parties when a construction permit is issued or when other firm commitment is made which evidences the need to assign treatment plant capacity. Each party is separately responsible for treatment capacity representations made by its officials. No commitment, third-party or otherwise, in excess of the limits established by this Agreement shall be binding on the other party. The projected demand of commercial or industrial users shall be calculated using the quantity of projected water consumption or wastewater generated and after being adjusted for projected levels of suspended solids, BOD, COD, or other components that exceed those contained in normal domestic sewage as defined in Post Falls Municipal Code or State or Federal Standards. The projected number of ER's will be determined by dividing the adjusted quantity by 165 GPD.

E. The parties agree that whenever unallocated capacity is less than 25% of total operating capacity, they will meet and confer regarding expansion of treatment capacity. The decision to expand treatment capacity shall remain solely the province of POST FALLS, but in arriving at such decision POST FALLS will weigh considerations advanced by RATHDRUM.

F. If at any time RATHDRUM has effectively reached the limits of the treatment capacity available to it by virtue of this agreement, two options shall be available to obtain additional capacity. At any time RATHDRUM believes its capacity needs cannot be met from the allocation made by this Agreement, it shall provide notice to POST FALLS that additional capacity will be needed. Said notice must state when additional capacity will be needed and how much will be required. The two options presented are reallocation of existing capacity and construction of new capacity.

Upon receipt of such notice POST FALLS shall notify Rathdrum within sixty (60) days whether POST FALLS will make available part of its allocation to RATHDRUM, either on a fixed basis or temporarily, as appropriate. Any such additional allocation may be accomplished by an ancillary agreement which serves as an amendment to this Agreement. The terms and conditions of any such ancillary capacity allocation agreement shall incorporate the remaining terms and conditions of this Agreement except as express modification is necessary.

If POST FALLS declines to make additional existing capacity available to RATHDRUM upon such request, RATHDRUM may request expansion of the existing plant or processes to provide the capacity which RATHDRUM needs. Upon prepayment of the estimated engineering analysis costs, POST FALLS shall promptly proceed to propose methods of expansion or modification of the existing wastewater treatment plant to accommodate RATHDRUM'S needs. In consultation with RATHDRUM, POST FALLS will select a method of expanding capacity which best fits with the process and capacities employed by the existing system. RATHDRUM will be responsible for funding the costs of expansion and will be entitled thereby to the capacity created by such expansion. POST FALLS shall be entitled to purchase up to 20% of said additional capacity by paying the capitalization fees derived from the costs of the expansion. Addition of capacity by this method shall not alter the actual ownership of the treatment plant facilities which shall remain exclusively with POST FALLS, but RATHDRUM shall be entitled to rights respecting such added capacity comparable to those of POST FALLS for existing capacity provided in accord with this Agreement.

XVII. CONNECTION TO INTERTIE

A. A portion of the transmission main (intertie) from RATHDRUM to POST FALLS passes through the Post Falls wastewater collection service area. POST FALLS shall not permit the connection of any user to this transmission main, absent the express written approval from RATHDRUM. RATHDRUM agrees that it shall not withhold approval for direct connection to the intertie unless there is provided written documentation of a technical, legal or economic justification for the withholding of such approval.

B. In the event that POST FALLS requests and RATHDRUM approves such a connection to the transmission main, POST FALLS agrees to pay a one time connection fee and a monthly rate to cover any increased operating costs incurred by Rathdrum to RATHDRUM for the utilization of the transmission main. POST FALLS shall be responsible for all costs of connection. In the event either city notifies the other that the capacity of the intertie is being adversely affected by the lack of flow equalization of wastewater discharged by the two cities, the cities shall cooperatively initiate a program of flow equalization to maximize capacity. In the event equalization facilities are required to be installed for equalization of flows into and through the intertie as a consequence of Post Falls use, POST FALLS shall be responsible for the reasonable costs thereof. POST FALLS further agrees to provide a flow meter at all points of intertie. POST FALLS shall be deemed to own and assume the responsibility and liability for the construction of any connecting interceptors, collectors, transmission pipelines or appurtenances. The parties shall agree upon a reasonable usage fee for use of the intertie at the time such use is requested.

XVIII. MAINTENANCE AND INSPECTION OF RECORDS

A. RATHDRUM and POST FALLS agree to maintain accurate records relating to their duties and responsibilities under the terms of this Agreement. For instance, POST FALLS shall maintain accurate records concerning the operation of the wastewater treatment plant and the costs associated with said operation. RATHDRUM shall likewise maintain accurate records of the discharge of its wastewater and the operation of its wastewater collection system.

B. Both parties agree that the records maintained by each shall be deemed public records and shall be made available for inspection at any and all reasonable times. Where either party deems that the necessity of keeping a record of certain information is necessary to implementation of this Agreement, the other party agrees to do so and to make such records available for inspection.

XIX. NONASSIGNMENT

A. RATHDRUM specifically acknowledges that as part of the consideration for this Agreement, RATHDRUM has agreed that it shall not assign to any other person, party, entity, or political subdivision, its rights and obligations under the terms of this Agreement. RATHDRUM specifically acknowledges that POST FALLS would not have entered into this Agreement if the rights and obligations of RATHDRUM were to be assignable. Part of the consideration which has been made by POST FALLS in extending service under the terms of this Agreement is its past working relationship with RATHDRUM, and its recognition that the other party of this Agreement shall at all times be a political subdivision regulated in accordance with the laws of the State of Idaho. RATHDRUM specifically agrees that it shall not at any time now or in the future assign all or any part of its rights and obligations under the terms and conditions of this

Agreement to any other party, entity, person or political subdivision without the express written approval of POST FALLS. RATHDRUM further agrees that any such assignment shall operate to terminate this Agreement.

XX. ATTORNEY'S FEES AND ALTERNATIVE DISPUTE RESOLUTION.

In the event of any dispute over the terms and conditions of this Agreement which may result in legal and judicial action, the parties agree that the prevailing party in any such lawsuit shall be entitled to be reimbursed for all reasonable attorney's fees and costs of prosecution incurred by said prevailing party, and that said reimbursement for reasonable attorney's fees and costs shall be in addition to any other relief granted.

Any dispute or disagreement concerning the terms, conditions, or performance of this Agreement shall first be submitted to a face-to-face meeting of the respective parties acting through their Mayor, City Administrator, or other authorized delegate of the Mayor. With promptness appropriate for the nature of the disagreement, but in no case any longer than thirty (30) from the date of first written notice of disagreement filed by either party, the respective representatives of the city shall meet and confer to attempt to resolve such differences. If such differences cannot be resolved through face-to-face communication, either party may, after at least one face-to-face meeting, call for the appointment of a mediator to assist the parties in reconciling their differences. The parties shall endeavor to agree upon and share the cost of a mediator or, if unable to do so, they shall call upon the Administrative District Judge of the First Judicial District to appoint a mediator, whose costs, up to five thousand dollars (\$5,000) per party, are to be borne equally by the parties. The parties shall promptly address their assertions to the mediator who shall deliver a written recommendation within ten (10) days of receipt of such

information. Only after the completion of the mediation process can either party initiate legal action to declare or assert rights accorded by this agreement.

XXI. INTEGRATED AGREEMENT

This Agreement constitutes all of the agreement and the entire agreement of the parties relating to the providing of wastewater treatment services by POST FALLS to RATHDRUM.

The parties acknowledge and agree that any oral agreements made between the parties which are not made a part of this writing shall not be binding nor construed to be a part of the agreement.

The parties further agree that any amendment or modification of this Agreement between the parties shall be in writing and signed by the parties.

XXII. SEVERABILITY

This Contract is to be governed by and construed according to the laws of the State of Idaho. If it should appear that any of the contract terms contained in this Agreement are in conflict with any rule of law or statutory provision of the State of Idaho, then the terms of the contract which may conflict with the law of the State of Idaho shall be deemed inoperative and null and void in so far as they may be in conflict with such law, and shall be deemed modified to conform to such rule of law.

XXIII. DURATION AND TERMINATION OF THIS AGREEMENT

A. The term of this Agreement shall commence on execution and be perpetual until there is mutual agreement to terminate or as otherwise provided by this Agreement. Specific performance shall be the remedy of preference for non-compliance recognizing that treatment of the wastewater from the City of Rathdrum is not something which can be terminated at every disagreement. Upon termination, POST FALLS shall no longer be obligated to accept from

RATHDRUM wastewater discharge for treatment at the Post Falls Wastewater Treatment Plant. Reductions in flow as a result of diversion may be followed by a subsequent increase or regeneration such that capital capacity paid for by Rathdrum users may be fully utilized.

B. It is anticipated that the termination of this agreement may create difficulties for either or both cities in making the transition required in severing this relationship. Therefore it is agreed that POST FALLS will not terminate this Agreement unilaterally unless it shows an utter failure of performance by RATHDRUM and seeks a declaratory judgment to that effect in a court of competent jurisdiction authorizing rescission of this Agreement.

C. During the negotiation of this Agreement the parties have discussed the possibility of separating wastewater treatment operations at some future time. Should RATHDRUM desire to employ a different wastewater treatment alternative than use of the Post Falls Wastewater Treatment Plant, it shall give notice to POST FALLS of its intent to do so as soon as possible. Except in extraordinary circumstances and with mutual agreement of the parties, such notice shall be given at least 24 months prior to actual withdrawal or significant reduction of wastewater flows. At such time as RATHDRUM notifies POST FALLS of its intent to withdraw or divert wastewater flow from the Post Falls Wastewater Treatment Plant, or to materially reduce the flow of wastewater thereto, the parties agree to meet as soon as practicable and as often as necessary to negotiate the terms and conditions by which such change will be governed.

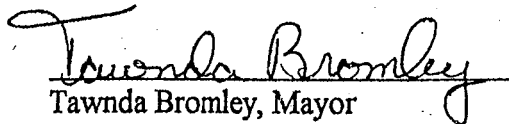
XXIV. NOTICES

All notices required or provided for under the terms of this Agreement shall be in writing and must be served on the other party either personally or by certified mail, return receipt

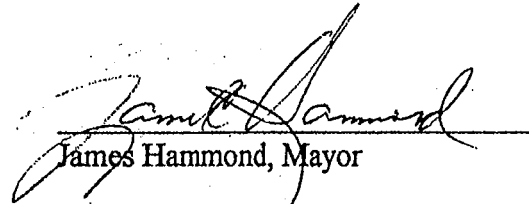
requested. Any such notice mailed shall be mailed to the business address in each respective City which shall be deemed to be the address commonly used by City Hall for the purpose of receiving correspondence through the United States mail. Notices sent by certified mail shall be deemed served when deposited in the United States mail, postage prepaid, as evidenced by the receipt for mailing.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their proper officers on this 9 day of January, 196.

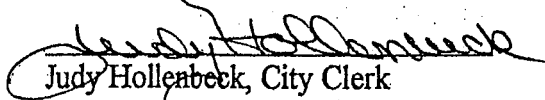
CITY OF RATHDRUM


Tawnda Bromley, Mayor

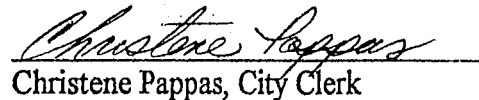
CITY OF POST FALLS


James Hammond, Mayor

ATTEST:


Judy Hollenbeck, City Clerk

ATTEST:


Christene Pappas, City Clerk

APPENDIX B.2
Provision of Legal Authority



Warren Wilson
Legal Services Director
wwilson@postfallsidaho.org
Phone: (208) 773-0215
Fax: (208) 773-0214

October 22, 2019

Brynn Lacabanne
Idaho Department of Environmental Quality
Pretreatment Coordinator
1410 N. Hilton Street
Boise, ID 83706

Re: City of Post Falls Pretreatment Program,

Dear Ms. Lacabanne

As you are aware, as a condition of its NPDES discharge permit, the City of Post Falls is updating its Pretreatment Program. As a part of that process, the City is required to submit a letter from its legal representative regarding the legal authority of the City of Post Falls to manage a pretreatment program. The letter from the legal representative is required to address the authority of the City to carry out the program described in 40 CFR 403.8.

Please be advised that Article 12, Section 2 of the Idaho Constitution grants the City authority to “make and enforce, within its limits, all such local police, sanitary and other regulations as are not in conflict with its charter or with the general laws.” Similarly, Idaho Code 50-301 grants the City authority to “exercise all powers and perform all functions of local self-government in city affairs as are not specifically prohibited by or in conflict with the general laws or the constitution of the state of Idaho.” Idaho Code 50-302 grants to the City the authority to enforce its ordinances by fine or incarceration, including both infractions and misdemeanors. Idaho Code 50-302(2) also specifically authorizes the City to enforce remedies required by the terms of a mandatory federal program through the use of a misdemeanor charge or a civil monetary penalty of up to \$1,000. Finally, in this regard, the Idaho Revenue Bond Act (Idaho Code 50-1027 – 50-1042) authorizes the City operate a sewerage work. Under this grant of authority, the City must operate the work in a cost-effective manner for the “promotion of the welfare and for the improvement of the health, safety, comfort and convenience of the inhabitants of the city” among other purposes.

Pursuant to the authorities outlined above, the City of Post Falls has established the Post Falls Pretreatment Ordinance, which has been codified as Title 13, Chapter 20 of the Post Falls City

Code. The City's pretreatment requirements include the adoption and enforcement of 40 CFR Chapter 1, Subchapter N, parts 405-471.

The City's pretreatment requirements meets the requirements of 40 CFR 403.8 including the following elements:

1. Denial or conditioning new or increased contributions of pollutants, or change in the nature of pollutants, to the City wastewater treatment disposal system when such contributions do not meet the City's Pretreatment Standards or which would cause the City to violate its NPDES permit. *Post Falls Municipal Code Section 13.20.050*
2. Requiring Industrial Users to comply with the Pretreatment Standards and Requirements *Post Falls Municipal Code Section 13.20.050*
3. Controlling the contribution to the City's wastewater treatment system to ensure compliance with the applicable Pretreatment Standards through a permit process. *Post Falls Municipal Code Section 13.20.160*. Permits issued under the Post Falls Pretreatment Ordinance are limited to a maximum of 5 years in duration and contain the following minimum elements:
 - a. Applicable pretreatment standards, requirements relating to self-monitoring, sampling, reporting, notification, submittal of technical reports, compliance schedules and record keeping.
 - b. Effluent limits.
 - c. Identification of the pollutants to be monitored, sampling location, sampling frequency, and sample type.
 - d. Notification requirements for noncompliance and a bypass or upset of a pretreatment facility, and, if the permittee is a significant user, the requirements for repeat sampling and analysis and submission to the City within 30 days after becoming aware of a violation.
 - e. Statement of civil, criminal and administrative violations of pretreatment standards.
 - f. Compliance schedule when applicable.
 - g. Statement of non-transferability without notice to the City and approval by the City.
4. Providing that Pretreatment Permits are not transferable without 120 days prior notice to the City of the intent to transfer and approval for such transfer by the City. The notice must include a statement that the new owner has been advised of the terms of the

permit and an acknowledgment by the new owner that the new owner is accepting full responsibility to comply with the permit upon the transfer. *Post Falls Municipal Code Section 13.20.250.*

5. Providing requirements to control slug discharges in the event that the City determines that it is necessary. The requirement may include the necessity of the permittee to develop and implement an accidental discharge/slug load control plan, including procedures for notification of an accidental discharge/slug load and procedures to prevent an adverse impact from such accidental discharge/slug load. *Post Falls Municipal Code Section 13.20.140.*

The City of Post Falls will enforce the provisions of the Pretreatment Standards and Regulations by misdemeanor criminal prosecution, injunctive relief, civil and administrative penalties or any combination of these actions. *Post Falls Municipal Code Sections 13.20.550, 13.20.530, 13.20.540.*

The City also has the authority to enter into consent orders, assurances or voluntary compliance, or other similar documents establishing an agreement with any user responsible for noncompliance. *Post Falls Municipal Code Section 13.20.500.*

Historically, the City of Post Falls has implemented the requirements of its Pretreatment Program and has applied those standards to individual industrial users and has initiated enforcement proceedings as necessary. The City will continue to enforce its Pretreatment Standards and Regulations.

Sincerely,



Warren Wilson
Legal Services Director

APPENDIX B.3
Sewer Use Ordinance

Chapter 13.20

WASTEWATER DISCHARGE RESTRICTIONS

13.20.010: PURPOSE:

This chapter sets forth uniform requirements for users of the publicly owned treatment works (POTW) for the City of Post Falls and enables the City to comply with all applicable State and Federal laws, including the Clean Water Act and the General Pretreatment Regulations. The objectives of this chapter are:

- A. To prevent the introduction of pollutants into the POTW that will interfere with the operation of the POTW;
- B. To prevent the introduction of pollutants into the POTW which will pass through the POTW, inadequately treated, into receiving waters or otherwise be incompatible with the POTW;
- C. To ensure that the quality of the wastewater treatment plant sludge is maintained at a level which allows its use and disposal in compliance with applicable statutes and regulations;
- D. To protect POTW personnel who may be affected by wastewater and sludge in the course of their employment and to protect the general public; and
- E. To improve the opportunity to recycle and reclaim wastewater and sludge from the POTW. This chapter shall apply to all industrial users of the POTW, as defined in this chapter. (Ord. 1361, 2019)

13.20.020: ADMINISTRATION:

Except as otherwise provided herein, the Director is authorized to administer, implement, and enforce the provisions of this chapter. Any authority granted to the Director may be delegated by the Director to other City personnel. (Ord. 1361, 2019)

13.20.030: DEFINITIONS:

Unless a provision explicitly states otherwise, the following terms and phrases, as used in this chapter, shall have the meanings hereinafter designated.

ACT OR THE ACT: The Federal Water Pollution Control Act, also known as the Clean Water Act, as amended, 33 USC 1251 et seq.

APPLICABLE PRETREATMENT STANDARDS: For any specified pollutant, City prohibitive standards, City specific pretreatment standards (local limits), State of Idaho pretreatment standards, or EPA's categorical pretreatment standards (when effective), whichever standard is most stringent.

APPROVAL AUTHORITY: Idaho Department of Environmental Quality.

AUTHORIZED REPRESENTATIVE OF THE INDUSTRIAL USER: A. If the industrial user is a corporation:

1. The president, secretary, treasurer, or a 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; or

2. The manager of one or more manufacturing, production, or operation facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for control mechanism requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

B. If the industrial user is a partnership or sole proprietorship: a general partner or proprietor, respectively.

C. If the industrial user is a Federal, State, or local governmental facility: a director or highest official appointed or designated to oversee the operation and performance of the activities of the government facility, or his/her designee.

D. The individuals described in subsections A through C of this definition may designate another authorized representative if the authorization is in writing, the authorization specifies the individual or position responsible for the overall operation of the facility from which the discharge originates or having overall responsibility for environmental matters for the company, and the written authorization is submitted to the City.

BEST MANAGEMENT PRACTICES (BMPs): Schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to implement the general and specific prohibitions listed in section 13.20.050 of this chapter. BMPs may also include, but are not limited to, treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw materials storage. BMPs shall be considered local limits and pretreatment standards for the purposes of this chapter and 40 CFR 403.5(c)(4).

BIOCHEMICAL OXYGEN DEMAND (BOD): The quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedures for five (5) days at twenty degrees Celsius (20° C), usually expressed as a concentration (milligrams per liter [mg/L]).

CATEGORICAL INDUSTRIAL USER: An industrial user regulated by one or more of EPA's categorical pretreatment standards.

CATEGORICAL PRETREATMENT STANDARD OR CATEGORICAL STANDARD: Any regulation containing pollutant discharge limits promulgated by the U.S. EPA in accordance with sections 307(b) and (c) of the Act (33 USC 1317) which applies to a specific category of industrial users and which appears in 40 CFR chapter I, subchapter N, parts 405 - 471.

CLEAN WATER ACT: See definition of Act.

COMPOSITE SAMPLE: The sample resulting from the combination of individual wastewater samples taken at selected intervals based on an increment of either flow or time.

COOLING WATER, NON-CONTACT: Water used for cooling which does not come into direct contact with any raw material, intermediate product, waste product, or finished product. Non-contact cooling water may be generated from any use, such as air conditioning, heat exchangers, cooling or refrigeration to which the only pollutant added is heat.

DIRECTOR: The person designated by the City to supervise the operation of the POTW, and who is charged with certain duties and responsibilities by this chapter, the Director of Public Services, or a duly authorized representative.

DOMESTIC SOURCE: A source of domestic (sanitary) waste water from residential sources including but not limited to wastewater from kitchen, bath and laundry facilities; or wastewater from the personal sanitary conveniences (toilets, showers, bathtubs, drinking fountains, noncommercial sinks and similar structures) of commercial, industrial or institutional buildings, provided that the wastewater exhibits characteristics that are similar to those of wastewater from normal residential activities.

GENERAL PRETREATMENT REGULATIONS: The regulations contained in 40 CFR part 403.

GRAB SAMPLE: An individual sample of at least one hundred fifty milliliters (150 mL) collected over a period of time not exceeding fifteen (15) minutes.

INDIRECT DISCHARGE OR DISCHARGE: The introduction of pollutants into the POTW from any nondomestic source regulated under section 307(b), (c), or (d) of the Act.

INDUSTRIAL USER: A source of indirect discharge.

INTERFERENCE: A discharge which, alone or in conjunction with a discharge or discharges from other sources, both: a) inhibits or disrupts the POTW, its treatment processes or operations, or its sludge processes, use or disposal; and b) therefore is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation) or of the prevention of sewage sludge use or disposal in compliance with section 405 of the Clean Water Act, the Solid Waste Disposal Act (SWDA) (including title II, more commonly referred to as the Resource Conservation and Recovery Act (RCRA), and including State regulations contained in any State sludge management plan prepared pursuant to subtitle D of the SWDA), the Clean Air Act, the Toxic Substances Control Act, and the Marine Protection, Research and Sanctuaries Act, or more stringent State or local regulations.

MAXIMUM ALLOWABLE DISCHARGE LIMIT: The maximum concentration or loading of a pollutant allowed under section 13.20.080 of this chapter to be discharged.

MEDICAL WASTES: Isolation wastes, infectious agents, human blood and blood products, pathological wastes, sharps, body parts, contaminated bedding, surgical wastes, potentially contaminated laboratory wastes, and dialysis wastes.

NEW SOURCE: A. Any building, structure, facility, or installation from which there is (or may be) a discharge of pollutants, the construction of which commenced after the publication of proposed categorical pretreatment standards under 307(c) of the Act which will be applicable to such source if such standards are thereafter promulgated in accordance with that, provided that:

1. The building, structure, facility, or installation is constructed at a site at which no other source is located; or

2. The building, structure, facility, or installation totally replaces the process or production equipment that causes the discharge of pollutants at an existing source; or

3. The production or wastewater generating processes of the building, structure, facility, or installation are substantially independent of an existing source at the same site. In determining whether these are substantially independent, factors such as the extent to which the new facility is integrated with the existing plant, and the extent to which the new facility is engaged in the same general type of activity as the existing source, should be considered.

B. Construction on a site at which an existing source is located results in a modification rather than a new source if the construction does not create a new building, structure, facility, or installation meeting criteria in subsection A2 or A3 of this definition, but otherwise alters, replaces, or adds to existing process or production equipment.

C. Construction of a new source has commenced if the owner or operator has:

1. Begun, or caused to begin as part of a continuous on-site construction program:

a. Any placement, assembly, or installation of facilities or equipment; or

b. Significant site preparation work including clearing, excavation, or removal of existing buildings, structures, or facilities which is necessary for the placement, assembly, or installation of new source facilities or equipment; or

2. Entered into a binding contractual obligation for the purchase of facilities or equipment which are intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under this paragraph.

PASS THROUGH: A discharge which exits the POTW into waters of the United States in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation).

PERMITTEE: A person or industrial user issued a wastewater discharge permit. **PERSON:** Any individual, partnership, co-partnership, firm, company, corporation, association, joint stock company, trust, estate, governmental entity, or any other legal entity; or their legal representatives, agents, or assigns. This definition includes all Federal, State, or local governmental entities. **pH:** A measure of the acidity or alkalinity of a substance, expressed in standard units.

POLLUTANT: Any dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials (except those regulated under the Atomic Energy Act of 1954, as amended (42 USC 2011 et seq.)), heat, wrecked or discarded equipment, rock, sand, cellar dirt and industrial, Municipal, and agricultural waste discharged into water.

PRETREATMENT: The reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater prior to or in lieu of introducing such pollutants into the POTW. This reduction or alteration can be obtained by physical, chemical, or

biological processes; by process changes; or by other means, except by diluting the concentration of the pollutants unless allowed by an applicable pretreatment standard.

PRETREATMENT REQUIREMENT: Any substantive or procedural requirement related to pretreatment imposed on an industrial user, other than a national pretreatment standard.

PRETREATMENT STANDARD, NATIONAL PRETREATMENT STANDARD, OR STANDARD: Any regulation containing pollutant discharge limits promulgated by the EPA in accordance with section 307(b) and (c) of the Act, which applies to industrial users. This term includes prohibitive discharge limits established pursuant to 40 CFR 403.5.

PROHIBITED DISCHARGE STANDARDS OR PROHIBITED DISCHARGES: Absolute prohibitions against the discharge of certain substances, which appear in section 13.20.050 of this chapter.

PUBLICLY OWNED TREATMENT WORKS (POTW): A treatment works as defined by section 212 of the Act, which is owned by a state or municipality (as defined by section 502(4) of the Act). The term also means the city having jurisdiction over the indirect discharges to and the discharges from such a treatment works.

SEPTIC TANK AND CHEMICAL TOILET WASTE: Any sewage from holding tanks such as vessels, chemical toilets, recreational vehicles, campers, trailers, and septic tanks. **SEWAGE:** A combination of the water-carried wastes from residences, business buildings, institutions, and industrial establishments, together with such ground, surface and storm waters as may be present. "Wastewater" and "sewage" are synonymous and interchangeable.

SEWER: Any pipe, conduit, or other device used to collect and transport sewage from the generating source.

SIGNIFICANT INDUSTRIAL USER:

A. Except as provided in subsections B and C of this definition, the term significant industrial user means:

1. All industrial users subject to categorical pretreatment standards under 40 CFR 403.6 and 40 CFR chapter I, subchapter N; and
2. Any other industrial user that: discharges an average of twenty five thousand (25,000) gallons per day or more of process wastewater to the POTW (excluding sanitary, noncontact cooling and boiler blowdown wastewater); contributes a process wastestream which makes up five percent (5%) or more of the average dry weather hydraulic or organic capacity of the POTW treatment plant; or is designated as such by the POTW on the basis that the industrial user has a reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standard or requirement (in accordance with 40 CFR 403.8(f)(6)).

B. The POTW may determine that an industrial user subject to categorical pretreatment standards under 40 CFR 403.6 and 40 CFR chapter I, subchapter N is a non-significant categorical industrial user rather than a significant industrial user on a finding that the industrial user never discharges more than one hundred (100) gallons per day (gpd) of total categorical wastewater (excluding sanitary, non-contact cooling and boiler blowdown wastewater, unless specifically included in the pretreatment standard) and the following conditions are met:

1. The industrial user, prior to the POTW's finding, has consistently complied with all applicable categorical pretreatment standards and requirements;

2. The industrial user annually submits the certification statement required in 40 CFR 403.12(q) together with any additional information necessary to support the certification statement; and

3. The industrial user never discharges any untreated concentrated wastewater.

C. Upon a finding that an industrial user meeting the criteria in subsection A2 of this definition has no reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standards or requirement, the POTW may at any time, on its own initiative or in response to a petition received from an industrial user or POTW, and in accordance with 40 CFR 403.8(f)(6), determine that such industrial user is not a significant industrial user.

SLUG LOAD: Any discharge at a flow rate or concentration which could cause a violation of the discharge standards in sections 13.20.050 through 13.20.080 of this chapter, or any discharge of a non-routine, episodic nature, including but not limited to, an accidental spill or a non-customary batch discharge.

SOLID WASTE DISPOSAL ACT: The regulations in 42 USC 6901, et seq.

STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODE: A classification pursuant to the Standard Industrial Classification Manual issued by the United States Office of Management and Budget.

STORMWATER: Any flow occurring during or following any form of natural precipitation, and resulting from such precipitation.

TOTAL SUSPENDED SOLIDS (TSS): The total suspended matter that floats on the surface of, or is suspended in, water, wastewater, or other liquid, and which is removable by laboratory filtering in accordance with procedures approved in 40 CFR 136, as amended.

WASTEWATER: Liquid and water-carried industrial wastes and sewage from residential dwellings, commercial buildings, industrial and manufacturing facilities, and institutions, whether treated or untreated, which are contributed to the POTW.

WASTEWATER DISCHARGE PERMIT (INDUSTRIAL WASTEWATER DISCHARGE PERMIT, DISCHARGE PERMIT): An authorization or equivalent control document issued by the City to industrial users discharging wastewater to the POTW. The permit may contain appropriate pretreatment standards and requirements as set forth in this chapter.

WASTEWATER TREATMENT PLANT OR TREATMENT PLANT: That portion of the POTW which is designed to provide treatment of Municipal wastewater.

The use of the singular shall be construed to include the plural and the plural shall include the singular as indicated by the context of its use.

The use of the term "shall" is mandatory and "may" is permissive. (Ord. 1361, 2019)

13.20.040: ABBREVIATIONS:

The following abbreviations shall have the designated meanings:

ASPP	Accidental Spill Prevention Plan
BMP	Best Management Practice
BOD	Biochemical oxygen demand
CFR	Code of Federal Regulations
EPA	U.S. Environmental Protection Agency
gpd	Gallons per day
IDEQ	Idaho Department of Environmental Quality
IPDES	Idaho Pollutant Discharge Elimination System
L	Liter
LEL	Lower explosive limit
mg/L	Milligrams per liter
O&M	Operation and maintenance
POTW	Publicly owned treatment works
RCRA	Resource Conservation and Recovery Act
SIC	Standard industrial classifications
SIU	Significant industrial user
SWDA	Solid Waste Disposal Act
TRC	Technical Review Criteria
TSS	Total suspended solids
USC	United States Code

13.20.050: PROHIBITED DISCHARGE STANDARDS:

A. General Prohibitions:

1. No person shall introduce or cause to be introduced into the POTW any pollutant or wastewater which causes pass through or interference. These general prohibitions apply to all industrial users of the POTW whether or not they are subject to categorical pretreatment standards or any other national, State, or local pretreatment standards or requirements.

2. Surface water and all other drainage shall be discharged to such sewers as are specifically designated as storm sewers, or to surface water system components whether private or public in accordance with chapter 13.44 of this title.

B. Specific Prohibitions: No person shall introduce or cause to be introduced into the POTW the following pollutants, substances, or wastewater:

1. Pollutants which create a fire or explosive hazard in the POTW, including, but not limited to, wastestreams with a closed-cup flash point of less than one hundred forty degrees Fahrenheit (140° F) (60°C) using the test methods specified in 40 CFR 261.21;
2. Wastewater having a pH less than 6 or more than 10, or otherwise causing corrosive structural damage to the POTW or equipment;
3. Solid or viscous substances in amounts which will cause obstruction of the flow in the POTW resulting in interference but in no case industrial discharges with solids greater than one-half inch (1/2") in any dimension;
4. Pollutants, including oxygen-demanding pollutants (BOD, etc.), released in a discharge at a flow rate and/or pollutant concentration which, either singly or by interaction with other pollutants, will cause interference with the POTW;
5. Wastewater having a temperature which will inhibit biological activity in the treatment plant resulting in interference, but in no case wastewater which causes the temperature at the introduction into the treatment plant to exceed one hundred four degrees Fahrenheit (104°F) (40°C);
6. Petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin, in amounts that will cause interference or pass through;
7. Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems;
8. Trucked or hauled pollutants, except at discharge points designated in writing by the Director;
9. Noxious or malodorous liquids, gases, solids, or other wastewater which either singly or by interaction with other wastes are sufficient to create a public nuisance or a hazard to life or health, or to prevent entry into the sewers for maintenance or repair;
10. Wastewater containing any radioactive wastes or isotopes except as specifically approved by the Director in compliance with applicable local, State or Federal regulations;
11. Industrial user sources of stormwater, surface water, ground water, artesian well water, roof runoff, subsurface drainage, swimming pool drainage, condensate, deionized water, non-contact cooling water, and unpolluted wastewater, unless specifically authorized in writing by the Director;
12. Any sludges, screenings, or other residues from the pretreatment of industrial wastes or from industrial processes;
13. Medical wastes that may cause or contribute to pass through, interference, or violate any pretreatment standard or requirement;
14. Wastewater causing, alone or in conjunction with other sources, the treatment plant's effluent to fail a whole effluent toxicity (WET) test required by the City's NPDES permit;
15. Detergents, surface-active agents, or other substances which cause excessive foaming, inhibition, or pass through in the POTW;

16. Any liquids, solids, or gases 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 other way to the POTW or to the operation of the POTW. At no time shall two (2) successive readings on an explosion meter, at the point of discharge into the system (or at any point in the system), be more than five percent (5%) nor any single reading over ten percent (10%) of the lower explosive limit (LEL) of the meter;

17. Grease, animal guts or tissues, paunch manure, bones, hair, hides or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dusts, 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;

18. Any substance which will cause the POTW to violate its NPDES and/or other disposal system permits;

19. The contents of any tank or other vessel owned or used by any person in the business of collecting or pumping sewage, effluent, septic tank and chemical toilet waste, or other wastewater unless said person has first obtained written authorization from the Director and complied with the testing and other requirements specified by the Director;

20. Pesticides in concentrations exceeding the water quality standards of the State of Idaho, IDAPA 58.01.02;

21. Sewage sludge, except in accordance with the City's NPDES permit, providing that it specifically allows the discharge to surface waters of sewage sludge pollutants;

22. A slug load as defined in section 13.20.030 of this chapter;

23. Any pollutant directly into a manhole or other opening in the POTW unless specifically authorized by the Director or otherwise permitted under this chapter;

24. Water containing PCBs in excess of 3 µg/L. Pollutants, substances, or wastewater prohibited by this section shall not be processed or stored in such a manner that they could be discharged to the POTW. (Ord. 1361, 2019)

13.20.060: FEDERAL CATEGORICAL PRETREATMENT STANDARDS:

All industrial users subject to a categorical pretreatment standard shall comply with all requirements of such standard, and shall also comply with any limitations contained in this chapter. Where the same pollutant is limited by more than one pretreatment standard, the limitations which are more stringent shall prevail. Compliance with categorical pretreatment standards shall be in the timeframe specified in the applicable categorical pretreatment standard. (Ord. 1361, 2019)

13.20.070: STATE REQUIREMENTS:

All industrial users shall meet the applicable State requirements and limitations, if any, on discharges to the POTW when those limitations are more stringent than Federal requirements and limitations or those in this chapter. (Ord. 1361, 2019)

13.20.080: LOCAL LIMITS:

The following pollutant limits are established to protect against pass through and interference. No industrial user shall discharge wastewater containing pollutant levels in excess of the following daily maximum allowable discharge limits. No permit shall be issued which causes the net permitted industrial user loading to exceed the maximum allowable industrial loading (MAIL).

Parameter Concentration (mg/L) Daily Maximum Limit

Ammonia:

Daily maximum Case-by-case

Monthly average Case-by-case

Arsenic 0.123

CBOD:

Daily maximum Case-by-case

Monthly average Case-by-case

Cadmium 0.066

Chromium 1.953

Copper 0.651

Cyanide 0.768

Lead 0.088

Mercury 0.070

Phosphorus:

Daily maximum Case-by-case

Monthly average Case-by-case

Silver 0.149

TSS:

Daily maximum Case-by-case

Monthly average Case-by-case

Zinc 0.251

The local limits in the above section apply at the point where the wastewater is discharged to the POTW (end of the pipe). All concentrations for metallic substances are for "total" metal unless indicated otherwise. The Director may impose mass limitations in addition to (or in place of) the concentration-based limitations above upon a written finding by the Director that such mass limitations are warranted

to meet the purpose of this chapter or as provided in section 13.20.100 of this chapter. Where an industrial 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.

Whenever determined appropriate, the Director may develop Best Management Practices (BMPs) for general application, in individual discharge permits or general discharge permits, to implement local limits and the requirements of this chapter and require documentation of compliance. Failure to follow such requirements is a violation of this chapter. (Ord. 1361, 2019)

13.20.090: SPECIAL AGREEMENT:

The Director is authorized to enter into special agreements with industrial users setting out special terms under which they may discharge to the POTW. In no case will a special agreement waive compliance with a categorical pretreatment standard or Federal pretreatment requirement. However, industrial users may request a net/gross adjustment to a categorical standard in accordance with 40 CFR 403.15. They may also request a deviation from the categorical pretreatment standard from the approval authority in accordance with 40 CFR 403.13 or any superseding amendments thereto. (Ord. 1361, 2019)

13.20.100: DILUTION:

No industrial user shall increase the use of process water, or in any way attempt to dilute a discharge, as a partial or complete substitute for adequate treatment to achieve compliance with an applicable pretreatment standard or requirement unless expressly authorized by an applicable pretreatment standard or requirement. The Director may impose mass limitations on industrial users which, based on facility inspections, records or other evidence, he finds are using dilution to meet applicable pretreatment standards or requirements, or in other cases when the imposition of mass limitations is appropriate. (Ord. 1361, 2019)

13.20.110: PRETREATMENT FACILITIES:

Industrial users shall provide necessary wastewater treatment as required to comply with this chapter and shall achieve compliance with all applicable pretreatment standards and requirements set out in this chapter within the time limitations specified by the EPA or the City, whichever is more stringent. Any facilities required to pretreat wastewater to a level acceptable to the City shall be provided, operated, and maintained at the industrial user's expense. Detailed plans showing the pretreatment facilities and operating procedures shall be submitted to the City for review and must be acceptable to the City before construction of the facility. The review of such plans and operating procedures will in no way relieve the industrial user from the responsibility of modifying the facility as necessary to produce a discharge acceptable to the City under the provisions of this chapter. (Ord. 1361, 2019)

13.20.120: DEADLINE FOR COMPLIANCE WITH APPLICABLE PRETREATMENT REQUIREMENTS:

Compliance by existing sources covered by categorical pretreatment standards shall be within three (3) years of the date the standard is effective unless a shorter compliance time is specified in the appropriate standard. The City shall establish a final compliance deadline date for any existing industrial user not covered by categorical pretreatment standards or for any categorical industrial user when the

local limits for said industrial user are more restrictive than the Federal categorical pretreatment standards.

New sources and new industrial users are required to comply with applicable pretreatment standards within the shortest feasible time, not to exceed ninety (90) days from the beginning of discharge. New sources and new industrial users shall install, have in operating condition, and shall start up all pollution control equipment required to meet applicable pretreatment standards before beginning to discharge.

Any wastewater discharge permit issued to a categorical industrial user will include a compliance date consistent with any deadline date established in EPA's categorical pretreatment standards. Any other existing industrial user or a categorical industrial user that must comply with a more stringent local limit which is in non-compliance with any local limits shall be provided with a compliance schedule with milestones not to exceed twelve (12) months for a total of five (5) years placed in an industrial wastewater permit to ensure compliance within the shortest time feasible. (Ord. 1361, 2019)

13.20.130: ADDITIONAL PRETREATMENT MEASURES:

A. Whenever deemed necessary to protect the POTW from interference, pass through, slug load, or other potentially harmful effects, the City may require industrial users to apply for and obtain a discharge permit, restrict their discharge during peak flow periods, designate that certain wastewater be discharged only into specific sewers, relocate and/or consolidate points of discharge, separate sewage wastestreams from industrial wastestreams, install treatment including storage or flowequalization facilities, submit timely and factual reports from the industrial user responsible for such discharge, pay any additional cost or expense incurred by the City for handling, treating, disposing or remediation as a result of wastes discharged to the wastewater treatment system, and such other conditions as may be necessary to protect the POTW and determine the industrial user's compliance with the requirements of this chapter.

B. The industrial user shall provide grease, oil, or sand interceptors when the POTW has notified the industrial user that such interceptors are necessary to protect the POTW from interference, pass through, slug load, or other potentially harmful effects of excessive discharges of grease, oil or sand, except that such interceptors are not required of domestic sources. All interceptors shall be of a type and capacity approved by the City and shall be so located to be easily accessible for cleaning and inspection. Such interceptors shall be inspected, cleaned, and repaired regularly, as needed to protect the POTW, by the industrial user at its expense.

C. Industrial users with the potential to discharge flammable substances may be required to install and maintain an approved combustible gas detection meter. (Ord. 1361, 2019)

13.20.140: ACCIDENTAL SPILL PREVENTION PLANS:

The City may require any industrial user to develop and implement an accidental spill prevention plan (ASPP) or slug control plan. Where deemed necessary by the City based on a technical evaluation of the industrial user's discharge or process, facilities to prevent accidental discharge or slug discharges of pollutants shall be provided and maintained at the industrial user's cost and expense. An accidental spill prevention plan or slug control plan showing facilities and operating procedures to provide this protection shall be submitted to the City for review and approval before implementation. Industrial users that have been notified by the City to develop an ASPP or slug control plan shall submit said plan

to the City within ninety (90) days after notification. Each industrial user shall implement its ASPP and slug control plan as submitted or as modified after such plan has been reviewed and approved by the City. Review and approval of such plans and operating procedures by the City shall not relieve the industrial user from the responsibility to modify its facility as necessary to meet the requirements of this chapter.

A. Any industrial user required to develop and implement an accidental spill prevention and/or slug control plan shall submit a plan which addresses, at a minimum, the following:

1. Description of discharge practices, including non-routine batch discharges;
2. Description of stored chemicals;
3. Procedures for notifying the POTW within twenty four (24) hours of any accidental or slug discharges. Such notification must also be given for any discharge which would violate any of the standards in sections 13.20.050 through 13.20.080 of this chapter; and
4. Procedures to prevent adverse impact from any accidental or slug discharge. Such procedures include, but are not limited to, inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site runoff, worker training, building of containment structures or equipment, measures for containing toxic organic chemicals (including solvents), and/or measures and equipment for emergency response.

B. Industrial users shall notify the POTW immediately but no later than twenty four (24) hours after the discovery of a slug or accidental discharge of substances regulated by this chapter. The notification shall include location of discharge, date and time thereof, type of waste, concentration and volume, and corrective actions. Any affected industrial user shall be liable for any expense, loss, or damage to the POTW, in addition to the amount of any fines imposed on the City on account thereof under State or Federal law. Within five (5) days following an accidental discharge, the industrial user shall submit to the Director a detailed written report describing the cause of the discharge and the measures to be taken by the industrial user to prevent similar future occurrences. Such notification shall not relieve the industrial user of any expense, loss, damage, or other liability which may be incurred as a result of damage to the POTW, fish kills, or any other damage to person or property nor shall such notification relieve the industrial user of any fines, civil penalties, or other liability which may be imposed by this chapter or other applicable law.

C. Industrial users shall resample within thirty (30) days of a slug or accidental discharge to demonstrate compliance with the local limits and permitted discharge parameters.

D. Signs shall be permanently posted in conspicuous places on the industrial user's premises advising employees whom to call in the event of a slug or accidental discharge. Employers shall instruct all employees who may cause or discover such a discharge with respect to emergency notification procedures. (Ord. 1361, 2019)

13.20.150: SEPTIC TANK WASTES:

It is unlawful to discharge septic tank and chemical toilet waste into the City's wastewater collection system without written authorization by the Director. (Ord. 1361, 2019)

13.20.160: WASTEWATER DISCHARGE PERMITS:

No significant industrial user shall discharge wastewater into the POTW without first obtaining a wastewater discharge permit from the City. Other industrial users do not need to apply for a permit unless required to do so by the City based on a technical review of the potential for the discharge to exceed a pretreatment standard or pretreatment requirement, or cause or contribute to pass through or interference of the POTW. (Ord. 1361, 2019)

13.20.170: WASTEWATER DISCHARGE PERMITTING, EXISTING SIU:

Any SIU that was discharging wastewater into the POTW prior to the effective date of this chapter and that wishes to continue such discharges in the future shall, within ninety (90) days after notification by the Director, submit a permit application to the City in accordance with this chapter and shall not cause or allow discharges to the POTW to continue after one hundred eighty (180) days after the effective date of this chapter except in accordance with a wastewater discharge permit issued by the City. (Ord. 1361, 2019)

13.20.180: WASTEWATER DISCHARGE PERMITTING, NEW SOURCE AND NEW USER:

At least ninety (90) days prior to the anticipated start-up, any new SIU and any new source so required by the City shall apply for a wastewater discharge permit and will be required to submit to the City at least the information listed in subsections 13.20.190A through E of this chapter. Such new sources or new SIUs shall not discharge without first receiving a wastewater discharge permit from the City. Such new sources and new SIUs shall also be required to include in their application information on the method of pretreatment they intend to use to meet applicable pretreatment standards. Such new sources and new SIUs shall give estimates of the information requested in subsections 13.20.190D and E of this chapter. (Ord. 1361, 2019)

13.20.190: WASTEWATER DISCHARGE PERMIT APPLICATION CONTENTS:

All industrial users required to obtain a wastewater discharge permit must submit an application in a form provided by the City and shall include the following information. Categorical industrial users shall also comply with the baseline report requirements pursuant to 40 CFR 403.12(b), or any superseding amendments thereto.

A. Identifying Information: The name and address of the facility including the name of the operator and owners;

B. Permits: A list of all environmental control permits held by or for the facility;

C. Description Of Operations: A brief description of the nature, average rate of production, and standard industrial classification of the operation(s) carried out by such industrial user, including a list of all raw materials and chemicals used or stored at the facility which are or could accidentally or intentionally be discharged to the POTW; a review of the categorical industrial user criteria and analysis of whether the user falls into one or more categories, number and type of employees; hours of operation; each product produced by type, amount, process or processes, and rate of production; the on- or off-site storage capacity for wastewater; any planned process changes for the next three (3) years; type and amount of raw materials processed (average and maximum per day) and the time and duration of discharges. This description should also include a schematic process diagram which indicates points of discharge to the

POTW from the regulated or manufacturing processes; 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.

D. Flow Measurement:

1. Categorical industrial user: 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; and

b. Other streams as necessary to allow use of the combined wastestream formula pursuant to 40 CFR 403.6(e), or any superseding amendments thereto.

2. Non-categorical industrial user: 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 Director. Verifiable estimates of these flows may be allowed where it is justified by cost or feasibility considerations.

E. Measurements Of Pollutants:

1. Categorical Industrial User:

a. Identify the applicable pretreatment standards for each regulated or manufacturing process.

b. The results of sampling and analysis identifying the nature and concentration (or mass where required by the categorical pretreatment standard or as required by the City) of regulated pollutants (including standards contained in sections 13.20.050 through 13.20.080 of this chapter, as appropriate) in the discharge from each regulated or manufacturing process. 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 in sections 13.20.380 and 13.20.390 of this chapter.

c. A minimum of one representative sample shall be taken to compile that data necessary to comply with the requirements of this paragraph. Additional samples may be required by the City as necessary to accurately characterize the waste stream.

d. Where an alternate concentration or mass limit has been calculated in accordance with 40 CFR 403.6(e), or any superseding amendment thereto, for a categorical industrial user, this adjusted limit along with supporting data shall be submitted as part of the application.

2. Non-Categorical Industrial User:

a. Identify the applicable pretreatment standards for its wastewater discharge.

b. Submit the results of sampling and analysis identifying the nature and concentration in the discharge (or mass where required by the City) of regulated pollutants contained in sections 13.20.050 through 13.20.080 of this chapter, as appropriate. 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 sections 13.20.380 and 13.20.390 of this chapter.

c. The industrial user shall take a minimum of one representative sample to compile that data necessary to comply with the requirements of this paragraph.

d. Where the Director developed alternate concentration or mass limits because of dilution, this adjusted limit along with supporting data shall be submitted as part of the application.

F. Ability To Meet Pretreatment Standards: Submit a statement indicating whether the applicable pretreatment standards are being met on a consistent basis, and, if not, whether additional operation and maintenance (O&M) and/or additional pretreatment is required for the industrial user to meet the applicable pretreatment standards and requirements.

G. Compliance Schedule: If additional pretreatment and/or operations and maintenance (O&M) will be required to meet the applicable pretreatment standards, the industrial user shall submit the shortest schedule by which the industrial user will provide such additional pretreatment and/or O&M. The industrial user's schedule shall conform to the requirements of section 13.20.300 of this chapter. The completion date in this schedule shall not be later than the compliance date established pursuant to section 13.20.120 of this chapter.

1. Where the industrial user's categorical pretreatment standard has been modified by a removal allowance (40 CFR 403.7 or any superseding amendments thereto), the combined wastestream formula (40 CFR 403.6(e) or any superseding amendments thereto), and/or a fundamentally different factors variance (40 CFR 403.13 or any superseding amendments thereto) at the time the industrial user submits the report required by this paragraph, the information required by subsections F and G of this section shall pertain to the modified limits.

2. If the categorical pretreatment standard is modified by a removal allowance, the combined wastestream formula, and/or a fundamentally different factors variance after the industrial user submits the report required by subsections F and G of this section, then a report containing modified information shall be submitted by the industrial user within sixty (60) days after the new limit is approved. Incomplete or inaccurate applications will not be processed and will be returned to the industrial user for revision. (Ord. 1361, 2019)

13.20.200: SIGNATORY AND CERTIFICATION REQUIREMENT:

All wastewater discharge permit applications and industrial user reports must be signed by a responsible officer or manager, or sole proprietor or general partner as applicable, or duly authorized representative.

A. For the purpose of this section, a responsible officer or manager means:

1. A president, vice-president, secretary, or treasurer 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, or

2. The manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated

facility including having the explicit or implicit duty of making major capital investment recommendations and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for control mechanism requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. This authorization must be made in writing by the principal executive officer or ranking elected official and submitted to the City prior to or together with the report being submitted of the industrial user.

B. A duly authorized representative is an individual designated by the responsible officer, manager, sole proprietor or general partner in writing. The written authorization must be submitted to the City and also specifies either an individual or a position having the responsibility of the overall operation of the facility from which the industrial discharge originates, such as the position of plant manager, operator of a well, or well field superintendent, or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company. If an authorization in 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 City prior to or together with any reports to be signed by an authorized representative.

C. Every application, report and designation of responsible officer must contain the following certification statement signed and dated by the responsible officer:

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.

(Ord. 1361, 2019)

13.20.210: WASTEWATER DISCHARGE PERMIT DECISIONS:

The City will evaluate the data furnished by the industrial user and may require additional information needed to evaluate a complete application. Within ninety (90) days of receipt of a complete wastewater discharge permit application, the Director will determine whether or not to issue a wastewater discharge permit. If a permit is to be issued, it will be issued within the ninety (90) day window. The City may deny any application for a wastewater discharge permit or approve a permit subject to conditions. (Ord. 1361, 2019)

13.20.220: RECONSIDERATION OF WASTEWATER DISCHARGE PERMIT:

Any affected person, including the industrial user, may petition the Director to reconsider the terms of a wastewater discharge permit within ninety (90) days of its issuance.

A. Failure to submit a timely petition for reconsideration of permit shall be deemed to be a waiver of the administrative appeal pursuant to section 13.20.570 of this chapter.

B. In its petition, the requesting party must indicate the wastewater discharge permit provisions objected to, the reasons for this objection, and the alternative condition, if any, it seeks to place in the wastewater discharge permit.

C. The effectiveness of the wastewater discharge permit shall not be stayed pending the City's decision. Failure of the Director to act within ninety (90) days on a request for reconsideration shall be deemed a denial of the request. (Ord. 1361, 2019)

13.20.230: WASTEWATER DISCHARGE PERMIT CONTENTS:

Wastewater discharge permits shall include such conditions as are reasonably deemed necessary by the City to prevent pass through or interference, protect the quality of the water body receiving the treatment plant's effluent, protect worker health and safety, facilitate sludge management and disposal, and protect against damage to the POTW.

A. Wastewater discharge permits will contain the following conditions:

1. A statement that indicates wastewater discharge permit duration, which in no event shall exceed five (5) years, and a specific date upon which the permit will expire.

2. A statement that the wastewater discharge permit is non-transferable without prior notification to and approval from the City, and provisions for furnishing the new owner or operator with a copy of the existing wastewater discharge permit;

3. Applicable pretreatment standards (including local limits) and requirements, including effluent limits;

4. Self-monitoring, sampling, reporting, notification, submittal of technical reports, compliance schedules, and record-keeping requirements. These requirements shall include an identification of pollutants to be monitored, sampling location, sampling frequency, and sample type based on Federal, State, and local law;

5. Requirement to report the results of monitoring of any regulated pollutant that is conducted more frequently than required by the permit;

6. Requirement for immediate notification to the City where self-monitoring results indicate noncompliance;

7. Requirement to report a bypass or upset of a pretreatment facility;

8. Requirement to report immediately to the City all discharges, including slug loadings, that could cause problems to the POTW;

9. Requirement for the SIU who reports non-compliance to repeat the sampling and analysis and submit results to the City within thirty (30) days after becoming aware of the violation.

10. A statement of applicable civil, criminal, and administrative penalties for violation of pretreatment standards and requirements, and any applicable compliance schedule.

11. Requirements to control slug discharges, if determined by the Director to be necessary.

B. Wastewater discharge permits may contain, but need not be limited to, the following conditions:

1. Limits on the average and/or maximum rate of discharge, time of discharge, and/or requirements for flow regulation and equalization;

2. Requirements for the installation and proper operation and maintenance of pretreatment technology, pollution control, or construction of appropriate containment devices, designed to reduce, eliminate, or prevent the introduction of pollutants into the treatment works;

3. Requirements for the development and implementation of spill control plans or other special conditions including management practices necessary to adequately prevent accidental, unanticipated, or routine discharges;

4. Development and implementation of waste minimization plans to reduce the amount of pollutants discharged to the POTW;

5. The unit charge or schedule of industrial user charges and fees for the management of the wastewater discharged to the POTW;

6. Requirements for installation and maintenance of inspection and sampling facilities and equipment;

7. A statement that compliance with the wastewater discharge permit does not relieve the permittee of responsibility for compliance with all applicable Federal and State pretreatment standards, including those which become effective during the term of the wastewater discharge permit;

8. Any special agreements the City chooses to continue or develop between the City and industrial user;

9. Other conditions as deemed appropriate by the City to ensure compliance with this chapter, and State and Federal laws, rules, and regulations. (Ord. 1361, 2019)

13.20.240: WASTEWATER DISCHARGE PERMIT MODIFICATION:

The Director may modify the wastewater discharge permit for good cause including, but not limited to, 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 industrial user's operation, processes, or wastewater volume or character since the time of wastewater discharge permit issuance;

C. 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 the wastewater discharge permit;

F. Misrepresentations or failure to fully disclose all relevant facts in the wastewater discharge permit application or in any required report;

G. Revision of or a grant of variance from categorical pretreatment standards pursuant to 40 CFR 403.13;

H. To correct typographical or other errors in the wastewater discharge permit; or

I. To reflect a transfer of the facility ownership and/or operation to a new owner/operator. (Ord. 1361, 2019)

13.20.250: WASTEWATER DISCHARGE PERMIT TRANSFER:

Wastewater discharge permits may be reassigned or transferred to a new owner and/or operator only if the permittee gives at least one hundred twenty (120) days' advance notice to the City and the City approves the wastewater discharge permit transfer. The notice to the City must include a written certification by the new owner and/or operator which:

A. States that the new owner and/or operator has no immediate intent to change the facility's operations and processes;

B. Identifies the specific date on which the transfer is to occur; and

C. Assumes full responsibility for complying with the existing wastewater discharge permit beginning on the date of the transfer.

Failure to provide advance notice of a transfer renders the wastewater discharge permit voidable as of the date of facility transfer.

Provided that the notice required above occurred and that there were no significant changes to the manufacturing operation or wastewater discharge, the new owner will be considered an existing industrial user and will be covered by the existing limits and requirements in the previous owner's permit. (Ord. 1361, 2019)

13.20.260: WASTEWATER DISCHARGE PERMIT REISSUANCE:

An industrial user who is required to have a wastewater discharge permit shall apply for wastewater discharge permit reissuance by submitting a complete wastewater discharge permit application, in accordance with section 13.20.190 of this chapter, a minimum of one hundred twenty (120) days prior to the expiration of the industrial user's existing wastewater discharge permit. An industrial user whose existing wastewater discharge permit has expired and who failed to submit its re-application in the time period specified herein will be deemed to be discharging without a wastewater discharge permit. An existing wastewater discharge permit issued to a particular industrial user is void upon the issuance of a new wastewater discharge permit to that industrial user. (Ord. 1361, 2019)

13.20.270: BASELINE MONITORING REPORTS:

A. Within either one hundred eighty (180) days after the effective date of a categorical pretreatment standard or the final administrative decision on a category determination under 40 CFR 403.6(a)(4), or any superseding amendment thereto, (whichever is later) existing categorical industrial users currently discharging to or scheduled to discharge to the POTW, shall be required to submit to the City a report

which contains the information listed in subsection B of this section. At least ninety (90) days prior to commencement of their discharge, new sources, and sources that become categorical industrial users subsequent to the promulgation of an applicable categorical standard, shall be required to submit to the City a report which contains the information listed in subsection B of this section. A new source shall also be required to report the method of pretreatment it intends to use to meet applicable categorical standards. A new source shall also give estimates of its anticipated flow and quantity of pollutants discharged.

B. Industrial users described above shall submit the information set forth below.

1. Identifying Information: The name and address of the facility, including the name of the operator and owner.

2. Environmental Permits: A list of any environmental control permits held by or for the facility.

3. Description Of Operations: A brief description of the nature, average rate of production, and standard industrial classifications of the operation(s) carried out by such industrial user. This description should include a schematic process diagram which indicates points of discharge to the POTW from the regulated processes.

4. Flow Measurement: Information showing the measured average daily and maximum daily flow, in gallons per day, to the POTW from regulated process streams and other streams, as necessary, to allow use of the combined wastestream formula set out in 40 CFR 403.6(e), or any superseding amendment thereto.

5. Measurement Of Pollutants:

a. The categorical pretreatment standards applicable to each regulated process.

b. The results of sampling and analysis identifying the nature and concentration (and/or mass, where required by the standard or by the City) of regulated pollutants in the discharge from each regulated process. Instantaneous, daily maximum, and long term average concentrations (or mass, where required) shall be reported. The sample shall be representative of daily operations and shall be analyzed in accordance with procedures set out in section 13.20.390 of this chapter.

6. Certification: A statement, reviewed by the industrial user's authorized representative and certified by a qualified professional, indicating whether pretreatment standards are being met on a consistent basis, and, if not, whether additional operation and maintenance (O&M) and/or additional pretreatment, is required to meet the pretreatment standards and requirements.

7. Compliance Schedule: If additional pretreatment and/or O&M will be required to meet the pretreatment standards, the shortest schedule by which the industrial user will provide such additional pretreatment and/or O&M. The completion date in this schedule shall not be later than the compliance date established for the applicable pretreatment standard. A compliance schedule pursuant to this section must meet the requirements set out in section 13.20.300 of this chapter.

8. Signature And Certification: All baseline monitoring reports must be signed and certified in accordance with section 13.20.200 of this chapter.

9. Sampling And Analyses: Sampling and analyses must be performed in accordance with procedures set out in sections 13.20.380 and 13.20.390 of this chapter. (Ord. 1361, 2019)

13.20.280: FINAL COMPLIANCE REPORT (INITIAL COMPLIANCE REPORT):

A. Within ninety (90) days following the date for final compliance of an existing significant industrial user with applicable pretreatment standards and requirements set forth in this chapter, in Federal categorical standards, or in a wastewater discharge permit, or, in the case of a new source or a new SIU, within ninety (90) days following commencement of the introduction of wastewater into the POTW, the affected industrial user shall submit to the City a report containing the information outlined in subsections 13.20.190D through F of this chapter.

B. For industrial users subject to equivalent mass or concentration limits established by the City in accordance with procedures established in 40 CFR 403.6(c), or any superseding amendments thereto, this report shall contain a reasonable measure of the industrial user's long term production rate. For all other industrial users subject to categorical pretreatment standards expressed in terms of allowable pollutant discharge per unit of production (or other measure of operation), this report shall include the industrial user's actual production during the appropriate sampling period. (Ord. 1361, 2019)

13.20.290: PERIODIC COMPLIANCE REPORT:

A. Any industrial user that is required to have an industrial waste discharge permit and performs self-monitoring shall comply with all applicable requirements under 40 CFR 403.12, or any superseding amendments thereto, and submit to the City during the months specified in the permit, unless required on other dates or more frequently by the City, a report indicating the nature of the effluent over the previous reporting period. The frequency of monitoring shall be as prescribed within the industrial waste discharge permit. At a minimum, industrial users shall sample their discharge at least twice per year.

B. The report shall include a record of the concentrations (and mass if specified in the wastewater discharge permit) of the pollutants listed in the wastewater discharge permit that were measured and a record of all flow measurements (average and maximum) taken at the designated sampling locations and shall also include any additional information required by this chapter or the wastewater discharge permit. Production data shall be reported if required by the wastewater discharge permit. Both daily maximum and average concentration (or mass, where required) shall be reported. If an industrial user sampled and analyzed more frequently than what was required by the City or by this chapter, using methodologies in 40 CFR part 136, it must submit all results of sampling and analysis of the discharge during the reporting period.

C. Any industrial user subject to equivalent mass or concentration limits established by the City or by unit production limits specified in the applicable categorical standards shall report production data as outlined in subsection 13.20.280B of this chapter.

D. If the City calculated limits to factor out dilution flows or non-regulated flows, the industrial user will be responsible for providing flows from the regulated process flows, dilution flows and non-regulated flows.

E. Flows shall be reported on the basis of actual measurement, provided, however, that the City may accept reports of average and maximum flows estimated by verifiable techniques if the City determines that an actual measurement is not feasible.

F. Discharges sampled shall be representative of the industrial user's daily operations and samples shall be taken in accordance with the requirements specified in section 13.20.380 of this chapter.

G. The City may require reporting by industrial users that are not required to have an industrial wastewater discharge permit if information or data is needed to establish a sewer charge, determine the treatability of the effluent, or determine any other factor which is related to the operation and maintenance of the sewer system.

H. The City may require self-monitoring by the industrial user or, if requested by the industrial user, may agree to perform the periodic compliance monitoring needed to prepare the periodic compliance report required under this section. If the City agrees to perform such periodic compliance monitoring, it may charge the industrial user for such monitoring, based upon the costs incurred by the City for the sampling and analyses. Any such charges shall be added to the normal sewer charge and shall be payable as part of the sewer bills. The City is under no obligation to perform periodic compliance monitoring for an industrial user. (Ord. 1361, 2019)

13.20.300: COMPLIANCE SCHEDULES FOR MEETING APPLICABLE PRETREATMENT STANDARDS:

A. The schedule shall contain increments of progress in the form of dates for the commencement and completion of milestones leading to the construction and operation of additional pretreatment required for the industrial user to meet the applicable pretreatment standards (e.g., hiring an engineer, completing preliminary plans, completing final plans, executing contract for major components, commencing construction, completing construction, etc.).

B. No increment referred to in subsection A of this section shall exceed nine (9) months, unless an alternate schedule has been approved in writing by the Director.

C. Not later than fourteen (14) days following each date in the schedule and the final date for compliance, the industrial user shall submit a progress report to the City including, at a minimum, whether or not it complied with the increment of progress to be met on such date and, if not, the date on which it expects to comply with this increment of progress, the reason for delay, and the steps being taken by the industrial user to return the construction to the schedule established. In no event shall more than one hundred eighty (180) days elapse between such progress reports. (Ord. 1361, 2019)

13.20.310: HAZARDOUS WASTE NOTIFICATION:

Any industrial user that is discharging more than fifteen kilograms (15 kg) of hazardous wastes as defined in 40 CFR 261 (listed or characteristic wastes) in a calendar month or any facility discharging any amount of acutely hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e), or any superseding amendments thereto, is required to provide written notification to the City, to the EPA Region 10 Office of Air, Waste, and Toxics Director, and to the Idaho Department of Environmental Quality Division of Waste Management. Any existing industrial user exempt from this notification shall comply with the requirements contained herein within thirty (30) days of becoming aware of a discharge of fifteen

kilograms (15 kg) of hazardous wastes in a calendar month or any discharge of acutely hazardous wastes to the City sewer system.

Such notification shall include:

A. The name of the hazardous waste as set forth in 40 CFR part 261, or any superseding amendments thereto,

B. The EPA hazardous waste number, and

C. The type of discharge (continuous, batch, or other).

D. If an industrial user discharges more than one hundred kilograms (100 kg) of such waste per calendar month to the sewer system, the notification shall also contain the following information to the extent it is known or readily available to the industrial user:

1. An identification of the hazardous constituents contained in the wastes,

2. An estimation of the mass and concentration of such constituents in the wastestreams discharged during that calendar month, and

3. An estimation of the mass of constituents in the wastestreams expected to be discharged during the following twelve (12) months.

These notification requirements do not apply to pollutants already reported under the self-monitoring requirements.

Whenever the EPA publishes final rules identifying additional hazardous wastes or new characteristics of hazardous waste, an industrial user shall notify the City of the discharge of such a substance within ninety (90) days of the effective date of such regulations.

In the case of any notification made under this paragraph, an industrial user shall certify that it has a program in place to reduce the volume and toxicity of hazardous wastes generated to the degree it has determined to be economically practical. (Ord. 1361, 2019)

13.20.320: NOTICE OF POTENTIAL PROBLEMS, INCLUDING ACCIDENTAL SPILLS, SLUG LOADS:

Any user shall notify the POTW immediately of all discharges that could cause problems to the POTW, including any slug loads, as defined in section 13.20.030 of this chapter. The notification shall include the concentration and volume, and the corrective actions and steps being taken by the industrial user to reduce any adverse impact to the POTW. Any industrial user who discharges a slug load of pollutants shall be liable for any expense, loss, or damage to the POTW, in addition to the amount of any fines imposed on the City under State or Federal law. (Ord. 1361, 2019)

13.20.330: BYPASS:

A. Terms: For the purposes of this section:

BYPASS: Means the intentional diversion of wastestreams from any portion of an industrial user's treatment facility.

SEVERE PROPERTY DAMAGE: Means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

B. Permissible Bypasses: An industrial user may allow any bypass to occur which does not cause applicable pretreatment standards or requirements to be violated, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provision of subsections C and D of this section.

C. Notice Of Bypass:

1. If an industrial user knows in advance of the need for a bypass, it shall submit prior notice to the POTW at least ten (10) days before the date of the bypass, if possible.

2. An industrial user shall submit oral notice to the City of an unanticipated bypass that exceeds applicable pretreatment standards within twenty four (24) hours from the time it becomes aware of the bypass. A written submission shall also be provided within five (5) days of the time the industrial user becomes aware of the bypass. The written submission shall contain a description of the bypass and its cause; the duration of the bypass, including exact dates and times, and, if the bypass has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass. The POTW may waive the written report on a case-by-case basis if the oral report has been received within twenty four (24) hours.

D. Bypass Conditions:

1. Bypass is prohibited, and the POTW may take an enforcement action against an industrial user for a bypass, unless:

- a. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
- b. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

c. The industrial user submitted notices as required under subsection C of this section. 2. The POTW may approve an anticipated bypass, after considering its adverse effects, if the POTW determines that it will meet the three (3) conditions listed in subsection D1 of this section. (Ord. 1361, 2019)

13.20.340: NON-COMPLIANCE REPORTING:

If sampling performed by an industrial user indicates a violation, the industrial user shall notify the POTW within twenty four (24) hours of becoming aware of the violation. The industrial user shall also repeat the sampling within five (5) days and submit the results of the repeat analysis to the POTW within thirty (30) days after becoming aware of the violation. Where the POTW has performed the sampling and analysis in lieu of the industrial user, the POTW must perform the repeat sampling and

analysis unless it notifies the industrial user of the violation and requires the industrial user to perform the repeat analysis. Resampling is not required if:

- A. The POTW performs sampling at the industrial user at a frequency of at least once per month, or
- B. The POTW performs sampling at the industrial user between the time when the initial sampling was conducted and the time when the industrial user or the POTW receives the results of this sampling. (Ord. 1361, 2019)

13.20.350: NOTIFICATION OF CHANGED DISCHARGE:

A. All significant industrial users shall promptly notify the POTW in advance of a change in the average monthly volume greater than twenty percent (20%) or a significant change in the character of pollutants in their discharge, including significant manufacturing process changes, pretreatment modifications, and the listed or characteristic hazardous wastes for which the industrial user has submitted initial notification under 40 CFR 403.12(p).

B. Any industrial user operating under a wastewater discharge permit incorporating equivalent mass or concentration limits shall notify the City within two (2) business days after the industrial user has a reasonable basis to know that the production level will significantly change within the next calendar month. Any industrial user not providing a notice of such anticipated change will be required to comply with the existing limits contained in its wastewater discharge permit. (Ord. 1361, 2019)

13.20.360: REPORTS FROM UN-PERMITTED INDUSTRIAL USERS:

All industrial users not required to obtain a wastewater discharge permit shall provide appropriate reports to the City as the City may require. (Ord. 1361, 2019)

13.20.370: RECORD KEEPING:

Industrial users subject to the reporting requirements of this chapter shall retain and make available for inspection and copying all records of information obtained pursuant to any monitoring activities required by this chapter and any additional records of information obtained pursuant to monitoring activities undertaken by the industrial user independent of such requirements. Records shall include the chain-of custody forms and the date, exact place, method, and time of sampling and the name of the person(s) taking the samples; the dates analyses were performed; who performed the analyses; the analytical techniques or methods used; and the results of such analyses including documentation associated with Best Management Practices. These records shall remain available for a period of at least five (5) years. This period shall be automatically extended for the duration of any litigation concerning the industrial user or POTW, or where the industrial user has been specifically notified of a longer retention period by the Director. (Ord. 1361, 2019)

13.20.380: SAMPLING REQUIREMENTS FOR INDUSTRIAL USERS:

A. Grab samples must be used for pH, cyanide, total phenols, oil and grease, sulfide, and volatile organic compounds. For all other pollutants, twenty four (24) hour composite samples must be obtained through flow-proportional composite sampling techniques, unless time-proportional composite sampling or grab sampling is authorized by the POTW, the samples must be representative of the discharge and the decision to allow the alternative sampling must be documented in the industrial user

file for that facility or facilities. Using protocols (including appropriate preservation) specified in 40 CFR part 136 and appropriate EPA guidance, multiple grab samples collected during the twenty four (24) hour period may be composited prior to the analysis as follows: for cyanide, total phenols, and sulfides the samples may be composited in the laboratory. Composite samples for other parameters unaffected by compositing procedures as documented in approved EPA methodologies may be authorized by the POTW, as appropriate.

B. For sampling required in support of baseline monitoring and 90-day compliance reports, a minimum of four (4) grab samples must be used for pH, cyanide, total phenols, oil and grease, sulfide and volatile organic compounds for facilities for which historical sampling data do not exist; for facilities for which historical sampling data are available, the POTW may authorize a lower minimum. For the reports required by 40 CFR 403.12(e) and (h), or any superseding amendment thereto, the POTW shall require the number of grab samples necessary to assess and assure compliance by industrial users with applicable pretreatment standards and requirements.

C. Samples shall be taken immediately downstream from pretreatment facilities if such exist, immediately downstream from the regulated or manufacturing process if no pretreatment exists, or at a location determined by the City and specified in the industrial user's wastewater discharge permit. For categorical industrial users, if other wastewaters are mixed with the regulated wastewater prior to pretreatment, the industrial user shall measure the flows and concentrations necessary to allow use of the combined wastestream formula of 40 CFR 403.6(e), or any superseding amendment thereto, in order to evaluate compliance with the applicable categorical pretreatment standards. For other SIUs, for which the City has adjusted its local limits to factor out dilution flows, the industrial user shall measure the flows and concentrations necessary to evaluate compliance with the adjusted pretreatment standard(s).

D. All sample results shall indicate the time, date and exact place of sampling, and methods of analysis and shall certify that the wastestream sampled is representative of normal work cycles and expected pollutant discharges from the industrial user. If an industrial user sampled and analyzed more frequently than what was required in its wastewater discharge permit, using methodologies in 40 CFR part 136, or any superseding amendment thereto, it must submit all results of sampling and analysis of the discharge as part of its self-monitoring report. (Ord. 1361, 2019)

13.20.390: ANALYTICAL REQUIREMENTS:

All pollutant analyses, including sampling techniques, shall be performed in accordance with the techniques prescribed in 40 CFR part 136 unless otherwise specified in an applicable categorical pretreatment standard. If 40 CFR part 136 does not contain sampling or analytical techniques for the pollutant in question, sampling and analyses must be performed in accordance with procedures approved by the EPA. (Ord. 1361, 2019)

13.20.400: CITY MONITORING OF INDUSTRIAL USER'S WASTEWATER:

The City will follow the same procedures as outlined in sections 13.20.380 and 13.20.390 of this chapter. (Ord. 1361, 2019)

13.20.410: INSPECTION AND SAMPLING:

Industrial users shall allow the Director ready access to all parts of the premises for the purposes of inspection, sampling, records examination and copying, and the performance of any additional duties necessary to ascertain whether the industrial user complies with this chapter.

A. Where an industrial user has security measures in force which require proper identification and clearance before entry into its premises, the industrial user shall make necessary arrangements with its security guards so that, upon presentation of suitable identification, the Director will be permitted to enter without delay for the purposes of performing specific responsibilities.

B. Industrial users shall allow the Director to set up on the industrial user's property, and the Director is authorized to require installation of such devices as are necessary to conduct sampling and/or metering of the industrial user's operations.

C. 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 industrial user at the written or verbal request of the Director and shall not be replaced. The costs of clearing such access shall be borne by the industrial user.

D. Unreasonable delays in allowing the Director access to the industrial user's premises shall be a violation of this chapter. (Ord. 1361, 2019)

13.20.420: MONITORING FACILITIES:

Each industrial user shall provide and operate at its own expense a monitoring facility to allow inspection, sampling, and flow measurements of each sewer discharge to the City. Each monitoring facility shall be situated on the industrial user's premises, except, where such a location would be impractical or cause undue hardship on the industrial user, the City may concur with the facility being constructed in the public street or sidewalk area, providing that the facility is located so that it will not be obstructed by landscaping or parked vehicles. The Director, whenever applicable, may require the construction and maintenance of sampling facilities at other locations (for example, at the end of a manufacturing line or a wastewater treatment system).

There shall be ample room in or near such sampling facility to allow accurate sampling and preparation of samples for analysis. The facility, including the sampling and measuring equipment, shall be maintained at all times in a safe and proper operating condition at the expense of the industrial user.

The Director may require the industrial user to install monitoring equipment as necessary. All monitoring facilities shall be constructed and maintained in accordance with all applicable local construction standards and specifications. All devices used to measure wastewater flow and quality shall be calibrated to ensure their accuracy. (Ord. 1361, 2019)

13.20.430: SEARCH WARRANTS:

If the Director has been refused access to a building, structure or property, or any part thereof and is able to demonstrate probable cause to believe that there may be a violation of this chapter, or that there is a need to inspect as part of a routine inspection program of the City designed to verify compliance with this chapter or any wastewater discharge permit or order issued hereunder, or to protect the overall public health, safety and welfare of the community, then the Director is authorized to seek issuance of a search and/or seizure warrant. (Ord. 1361, 2019)

13.20.440: CONFIDENTIAL INFORMATION:

A. Information and data on a user obtained from reports, surveys, wastewater discharge permit applications, wastewater discharge permits, and monitoring programs, and from City inspections and

sampling activities shall be available to the public without restriction, unless the user specifically requests, and is able to demonstrate to the satisfaction of the City, that the methods of production are entitled to protection as trade secrets under applicable State law.

B. When requested and demonstrated by the user furnishing a report that such information should be held confidential, the portions of a report which might disclose trade secrets or secret processes shall not be made available for inspection by the public, but shall be made immediately upon request to governmental agencies for uses related to the Idaho Pollution Discharge Elimination System (IPDES) program or pretreatment program, and in enforcement proceedings involving the person furnishing the report. Wastewater constituents and characteristics and other effluent data as defined by Federal regulations will not be recognized as confidential information and will be available to the public without restriction. Any information and data submitted by the industrial user which is desired to be considered a trade secret shall have the words "Confidential Business Information" stamped on each page containing such information. (Ord. 1361, 2019)

13.20.450: PUBLICATION OF INDUSTRIAL USERS IN SIGNIFICANT NONCOMPLIANCE:

A list of industrial users determined by the City to be in significant non-compliance will be published annually, in a newspaper of general circulation that provides meaningful public notice within the jurisdictions served by the POTW. The list will include the industrial users which, during the previous twelve (12) months, were in significant non-compliance with applicable pretreatment standards and requirements. For the purposes of this provision, a significant industrial user is in significant noncompliance if its violation meets one or more of the following criteria, and a permitted industrial user that is not a significant industrial user is in significant noncompliance if its violation meets one or more of criteria in subsection C, D or H of this section:

A. Chronic violations of wastewater discharge limits, defined here as those in which sixty six percent (66%) or more of wastewater measurements taken for the same pollutant parameter during a six (6) month period exceed (by any magnitude) a numeric pretreatment standard or requirement, including instantaneous limits, as defined by 40 CFR 403.3(l);

B. Technical review criteria (TRC) violations, defined here as those in which thirty three percent (33%) or more of wastewater measurements taken for each pollutant parameter during a six (6) month period equals or exceeds the product of the numeric pretreatment standard or requirement, including instantaneous limits, as defined by 40 CFR 403.3(l) multiplied by the TRC (TRC = 1.4 for BOD, TSS, fats, oils and grease, and 1.2 for all other pollutants except pH);

C. Any other discharge violation of a pretreatment standard or requirement as defined by 40 CFR 403.3 (l), (daily maximum, longer-term average, instantaneous limit, or narrative standard) that the POTW 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 pollutants that has caused imminent endangerment to the public or to the environment, or has resulted in the City's exercise of its emergency authority to halt or prevent such a discharge;

E. Failure to meet, within ninety (90) days of the scheduled date, a compliance schedule milestone contained in a wastewater discharge permit or enforcement order for starting construction, completing construction, or attaining final compliance;

F. Failure to provide within thirty (30) days after the due date, any required reports, including baseline monitoring reports, reports on compliance with categorical pretreatment standard deadlines, periodic self-monitoring reports, and reports on compliance with compliance schedules;

G. Failure to accurately report non-compliance; or

H. Any other violation or group of violations, which may include a violation of Best Management Practices, which the POTW determines will adversely affect the operation or implementation of the local pretreatment program. (Ord. 1361, 2019)

13.20.460: WASTEWATER DISCHARGE PERMIT REVOCATION:

Wastewater discharge permits may be revoked for, but not limited to, the following reasons:

A. Failure to notify the City of significant changes to the wastewater prior to the changed discharge;

B. Failure to provide prior notification to the City of changed conditions;

C. Misrepresentation or failure to fully disclose all relevant facts in the wastewater discharge permit application;

D. Falsifying self-monitoring reports;

E. Tampering with monitoring equipment;

F. Refusing to allow the City timely access to the facility premises and records for the purposes of inspection, monitoring or sampling;

G. Failure to meet discharge limitations;

H. Failure to pay fines;

I. Failure to pay sewer charges;

J. Failure to meet compliance schedules;

K. Failure to complete a wastewater survey or the wastewater discharge permit application;

L. Failure to provide advance notice of the transfer of a permitted facility;

M. Violation of any pretreatment standard or requirement, or any terms of the wastewater discharge permit or this chapter.

The City will notify industrial user of a proposed revocation of permit and offer an opportunity to show cause why the proposed action should not be taken. (Ord. 1361, 2019)

13.20.470: DISCHARGE SUSPENSION; EMERGENCY:

The City may immediately suspend a user's discharge (after informal notice to the user) whenever such suspension is necessary to stop an actual or threatened discharge which reasonably appears to present or cause an imminent or substantial endangerment to the health and welfare of persons or to the integrity of operation of the water reclamation system. The City may also immediately suspend a user's discharge that presents or may present a danger to the environment. Notice of suspension shall be provided by whatever effective means may be possible.

A. Any user notified of a suspension of its discharge shall immediately stop or eliminate its contribution. In the event of a user's failure to immediately comply voluntarily with the suspension order, the City may take such steps as deemed necessary, including immediate severance of the sewer connection, to prevent or minimize damage to the water reclamation system, its receiving stream, or endangerment to any individuals. The City may allow the user to recommence its discharge when the user has demonstrated to the satisfaction of the City that the period of endangerment has passed, unless the termination proceedings for nonemergency set forth in this chapter are initiated against the user. Any costs of disconnection and reconnection shall be borne by the user.

B. A user that is responsible, in whole or in part, for any discharge presenting imminent endangerment shall submit a detailed written statement, describing the cause of the harmful contribution and the measures taken to prevent any future occurrence, to the City prior to the date of any show cause or termination hearing provided for in this chapter. (Ord. 1361, 2019)

13.20.480: TERMINATION OF DISCHARGE (NON-EMERGENCY):

In addition to the provisions in section 13.20.460 of this chapter, any industrial user that violates the following conditions is subject to discharge and/or water service termination:

- A. Violation of wastewater discharge permit conditions;
- B. Failure to accurately report the wastewater constituents and characteristics of its discharge;
- C. Failure to report significant changes in operations or wastewater volume, constituents and characteristics prior to discharge;
- D. Refusal of reasonable access to the industrial user's premises for the purpose of inspection, monitoring or sampling; or
- E. Violation of the pretreatment standards in sections 13.20.050 through 13.20.080 of this chapter.

Such industrial user will be notified of the proposed termination of its discharge and/or water service and be offered an opportunity to show cause under section 13.20.510 of this chapter why the proposed action should not be taken. (Ord. 1361, 2019)

13.20.490: VIOLATIONS; NOTICE:

When the City finds that a user has violated (or continues to violate) any provision of this chapter, a wastewater discharge permit or order issued hereunder, or any other pretreatment standard or requirement, the City may serve upon that user a written notice of violation (via personal service or certified mail, return receipt). Within thirty (30) days of the receipt of this notice, an explanation of the

violation and a plan for the satisfactory correction and prevention thereof, to include specific required actions, shall be submitted by the user to the City. Submission of this plan in no way relieves the user of liability for any violations occurring before or after receipt of the notice of violation. Nothing in this chapter shall limit the authority of the City to take any action, including emergency actions or any other enforcement action, without first issuing a notice of violation. (Ord. 1361, 2019)

13.20.500: VIOLATIONS; CONSENT ORDERS:

The City may enter into consent orders, assurances or voluntary compliance, or other similar documents establishing an agreement with any user responsible for noncompliance. Such documents will include specific action to be taken by the user to correct the noncompliance within a time period specified by the document. (Ord. 1361, 2019)

13.20.510: VIOLATIONS; SHOW CAUSE HEARING:

The City may order a user which has violated or continues to violate any provision of this chapter, a wastewater discharge permit or order issued hereunder, or any other pretreatment standard or requirement, to appear before the City Administrator and show cause why proposed enforcement action should not be taken. Notice shall be served for the hearing, the proposed enforcement action, the reasons for such action, and a request that the user show cause why the proposed enforcement action should not be taken. The notice of the hearing shall be served personally or by regular and certified mail (return receipt requested) at least ten (10) working days prior to the hearing. Such notice may be served on any authorized representative of the user or left attached to the door at the entrance. A show cause hearing shall not be a bar against, or prerequisite for, taking any other action against the user.

A. The City Administrator may conduct the hearing and take the evidence, or may designate a Hearing Officer to issue in the name of the City Administrator notices of hearing requesting the attendance and testimony of witnesses and the production of evidence relevant to any matter involved in the hearing; take the evidence; transmit a report of the evidence and hearing; and, together with recommendations to the City Administrator for action thereon.

B. At any hearing held pursuant to this chapter, testimony taken must be under oath and recorded. The transcript, so recorded, may be made available to any member of the public or any party to the hearing upon payment of the usual charges therefor.

C. After the City Administrator has reviewed the evidence, testimony and recommendations, he may issue a compliance order to the user responsible for the discharge directing that, following a specified time period, sewer service will be discontinued unless adequate treatment facilities, devices or other related appurtenances shall have been installed or that existing treatment facilities, devices or other related appurtenances are properly operated. Compliance orders may also contain other requirements to address the compliance, including additional self-monitoring and management practices designed to minimize the amount of pollutants discharged to the sewer. (Ord. 1361, 2019)

13.20.520: VIOLATION; ADMINISTRATIVE FINES:

A. When the City finds that a user has violated or continues to violate any provision of this chapter, a wastewater discharge permit or order issued hereunder, or any other pretreatment standard or

requirement, the City may fine such user in an amount not to exceed one thousand dollars (\$1,000.00) per violation. Such fines may be assessed on a per violation, per day basis. In the case of the monthly or other long term average discharge limits, fines may be assessed for each day during the period of violation.

B. Unpaid charges, fines, and penalties shall, after thirty (30) calendar days, be assessed an additional penalty of twelve percent (12%) of the unpaid balance, and interest shall accrue thereafter at a rate of twelve percent (12%) per annum.

C. Users desiring to dispute such fines must file a written request for the City to reconsider the fine along with full payment of the fine amount within thirty (30) days of being notified of the fine. Where a reconsideration request has potential merit, the City Administrator may convene a hearing on the matter promptly after receiving the request from the user. In the event the user's reconsideration request is determined to have merit, the penalty payment, together with any interest accruing thereto, may be returned to the user. The City may add the costs of preparing administrative enforcement actions, such as notices and order, to the civil fine. (Ord. 1361, 2019)

13.20.530: VIOLATION; INJUNCTIVE RELIEF:

When the City finds that a user has violated or continues to violate any provision of this chapter, a wastewater discharge permit, or order issued hereunder, or any other pretreatment standard or requirement, the City may petition the First Judicial District Court, through the City's Attorney, for the issuance of a temporary or permanent injunction, as appropriate, which restrains or compels the specific performance of the wastewater discharge permit, order, or other requirement imposed by this chapter on activities of the user. The City may also seek such other action as is appropriate for legal and/or equitable relief, including a requirement for the user to conduct environmental remediation. (Ord. 1361, 2019)

13.20.540: VIOLATIONS; CIVIL PENALTIES:

A. A user which has violated or continues to violate any provision of this chapter, a wastewater discharge permit, or order issued hereunder, or any other pretreatment standard or requirement, may be assessed a maximum civil penalty to be paid to the City of one thousand dollars (\$1,000.00) per violation per day. Penalties may accrue for each day during the period of the violation.

B. In addition to civil penalties assessed by the court, the City may recover reasonable attorney fees, court costs, and other expenses associated with enforcement activities, including sampling and monitoring expenses, and the cost of any actual damages incurred by the City.

C. In determining the amount of civil liability, the court shall take into account all relevant circumstances including, but not limited to, the extent of harm caused by the violation, the magnitude and duration, any economic benefit gained through the user's violation, corrective actions by the user, the compliance history of the user, and any other factor as justice requires. (Ord. 1361, 2019)

13.20.550: VIOLATIONS; CRIMINAL PROSECUTION:

A user which has willfully or negligently violated any provision of this chapter, a wastewater discharge permit, or order issued hereunder, or any other pretreatment standard or requirement; a user which has willfully or negligently introduced any substance into the water reclamation system which causes

personal injury or property damage; or a user which, or employee who, knowingly made any false statements, representations or certifications in any application, record, report, plan or other documentation filed, or required to be maintained, pursuant to this chapter, a wastewater discharge permit or order issued hereunder, or who has falsified, tampered with or knowingly rendered inaccurate any monitoring device or method required under this chapter, shall, upon conviction, be guilty of a misdemeanor, punishable as provided in title 1, chapter 1.24 of this Code for each violation. (Ord. 1361, 2019)

13.20.560: VIOLATIONS; REMEDIES NONEXCLUSIVE:

The provisions of this chapter which provide a remedy or penalty for a violation are not exclusive. The City reserves the right to take any, or all, or any combination of these actions against a noncompliant user when the circumstances warrant. Further the City is empowered to take more than one enforcement action against any noncompliant user. These actions may be taken concurrently. Pursuing one type of remedy shall not be a bar against, or a prerequisite for, taking any other action against the user. (Ord. 1361, 2019)

13.20.570: APPEAL PROCEDURE:

Any party affected by any decision, action, fine or other determination of the Director, may appeal that decision or action to the City Administrator by filing with the City Clerk an appeal within ten (10) business days of receipt of decision of the Director. The appeal shall be in writing and include a statement of the factual basis for the appeal. Upon timely receipt of the appeal, the City Administrator will schedule the appeal for hearing. The burden in the appeal shall be on the industrial user to show that the decision was made unlawfully or that the violation did not occur. The decision of the City Administrator shall be a final decision. (Ord. 1361, 2019)

13.20.580: PUBLIC NUISANCES:

In addition to any enforcement actions set out in this chapter, a violation of any provision of this chapter, a wastewater discharge permit, or order issued hereunder, or any other pretreatment standard or requirement, is hereby declared a public nuisance and shall be corrected or abated as directed by the City. Any person(s) creating a public nuisance shall be subject to the provisions of this Code or State law governing public nuisances. (Ord. 1361, 2019)

13.20.590: AFFIRMATIVE DEFENSES TO DISCHARGE VIOLATIONS:

A. Upset:

1. For the purposes of this section, "upset" means an exceptional incident in which there is unintentional and temporary non-compliance with applicable pretreatment standards because of factors beyond the reasonable control of the industrial user. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

2. An upset shall constitute an affirmative defense to an action brought for non-compliance with applicable pretreatment standards if the requirements of subsection A3 of this section are met.

3. An industrial user who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

a. An upset occurred and the industrial user can identify the cause(s) of the upset;

b. The facility was at the time being operated in a prudent and workman-like manner and in compliance with applicable operation and maintenance procedures;

c. The industrial user controlled production of all discharges to the extent necessary to maintain compliance with applicable pretreatment standards upon reduction, loss, or failure of their treatment facility until the facility was restored or an alternative method of treatment was provided; and

d. The industrial user has submitted the following information to the POTW and treatment plant operator within twenty four (24) hours of becoming aware of the upset (if this information is provided orally, a written submission must be provided within 5 days):

(1) A description of the indirect discharge and cause of non-compliance;

(2) The period of non-compliance, including exact dates and times or, if not corrected, the anticipated time the non-compliance is expected to continue; and

(3) Steps being taken and/or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

4. In any enforcement proceeding, the industrial user seeking to establish the occurrence of an upset shall have the burden of proof.

5. Industrial users will have the opportunity for a judicial determination on any claim of upset only in an enforcement action brought for non-compliance with applicable pretreatment standards.

B. Prohibited Discharge Standards: An industrial user shall have an affirmative defense to an enforcement action brought against it for non-compliance with the prohibitions in subsections 13.20.050A and B3 through B7 of this chapter, if it can prove that it did not know, or have reason to know, that its discharge, alone or in conjunction with discharges from other sources, would cause pass through or interference and that either: 1) a local limit exists for each pollutant discharged and the industrial user was in compliance with each limit directly prior to, and during, the pass through or interference; or 2) no local limit exists, but the discharge did not change substantially in nature or constituents from the industrial user's prior discharge when the City was regularly in compliance with its IPDES permit, and in the case of interference, was in compliance with applicable sludge use or disposal requirements. (Ord. 1361, 2019)

13.20.600: PRETREATMENT CHARGES AND FEES:

The City may adopt by resolution of the City Council reasonable fees for reimbursement of costs of setting up and operating the City's Pretreatment Program which may include:

A. Fees for wastewater discharge permit applications including the cost of processing such applications;

B. Fees for monitoring, inspection, and surveillance procedures including the cost of collection and analyzing an industrial user's discharge, and reviewing monitoring reports submitted by industrial users;

C. Fees for reviewing and responding to accidental discharge procedures and construction;

D. Fees for filing appeals; and

E. Other fees as the City may deem necessary to carry out the requirements contained herein. These fees relate solely to the matters covered by this chapter and are separate from all other fees, fines, and penalties chargeable by the City. (Ord. 1361, 2019)

APPENDIX B.4
Enforcement Response Plan

City of Post Falls, ID Enforcement Response Plan

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Background

The Environmental Protection Agency (EPA) established a regulatory requirement (40 CFR Section 403.8(f)(5)) for a municipality with a pretreatment program to develop and implement an Enforcement Response Plan (ERP or Plan). DEQ requires that the ERP describe how the City of Post Falls (City) will investigate instances of noncompliance, the types of escalating enforcement responses and time frames for enforcement responses, identify the City staff responsible for each type of response, and be consistent with the approved municipal legal authority.

This ERP is intended to establish a clear framework for implementing an effective enforcement program and addresses Industrial User noncompliance with applicable Pretreatment Standards and Requirements. The ERP is based upon the authorities granted to the City in Title 13, Chapter 20, Public Services, City of Post Falls Code that governs discharges by Industrial Users to the Publicly-Owned Treatment Works (POTW). The ERP provides a framework and procedures to be followed in order to identify, document, and respond to pretreatment and environmental violations. These procedures are developed with four primary objectives in mind:

- Ensuring consistency when responding to violations.
- Ensuring that violators return to compliance as quickly as possible.
- Penalizing noncompliant Industrial Users for pretreatment violations.
- Deterring future noncompliance.

The City’s enforcement program operates around three general concepts:

1. All violations are responded to by an informal and/or formal enforcement response.

2. All violations meeting the definition of Significant Non-Compliance (SNC) receive a formal enforcement response; and
3. As violations continue, the enforcement response will escalate.

This Plan is meant to be guidance and a general framework for responding to violations. When necessary, circumstances of a specific violation and enforcement response may dictate updates to this Plan.

I. Definitions

Best Management Practices (BMPs). As defined in the Sewer Use Ordinance, 13.20.030.

Indirect Discharge or Discharge. The introduction of pollutants into the POTW from any non-domestic source regulated under Section 307(b), (c), or (d) of the Act.

Industrial User or User. A source of indirect discharge.

Pretreatment Requirement. Any substantive or procedural requirement related to pretreatment imposed on an Industrial User, other than a National Pretreatment Standard.

Pretreatment Standard, National Pretreatment Standard, or Standard. Any regulation containing pollutant discharge limits promulgated by the EPA in accordance with Section 307(b) and (c) of the Act, which applies to Industrial Users. This term includes prohibitive discharge limits established pursuant to 40 CFR Section 403.5.

Significant Noncompliance (SNC). A Significant Industrial User that meets any of the following criteria or any Industrial User that meets paragraphs C, D, or H shall be in Significant Noncompliance:

- 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 the numeric Pretreatment Standard or Requirement including instantaneous limits multiplied by the applicable TRC (TRC = 1.4 for BOD, TSS, fats, oil, and grease, and 1.2 for all other pollutants except pH).
- C. Any other violation of a Pretreatment Standard or Requirement (daily maximum, long-term average, instantaneous limit, or narrative Standard) that the POTW 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).

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- D. Any discharge of a pollutant that has caused imminent endangerment to human health, welfare, or the environment or has resulted in the POTW's exercise of its emergency authority to halt or prevent such a discharge.
- E. Failure to meet, within ninety (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 thirty (30) days after the due date, required reports such as baseline monitoring reports, 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 a violation of Best Management Practices, which the POTW determines may adversely affect the operation or implementation of the local pretreatment program.

Slug Load. Any discharge at a flow rate or concentration which could cause a violation of the discharge standards in 13.20.050 through 13.20.080 of the Post Falls City Code, or any discharge of a non-routine, episodic nature, including but not limited to, an accidental spill or a non-customary batch discharge.

II. Compliance and Enforcement Authority and Responsibilities

A. Authority to Implement Enforcement Response Plan

The City, pursuant to regulations promulgated by EPA, 40 CFR 403.8 (f)(5), hereby establishes this ERP consistent with the Post Falls City Code Title 13, Chapter 20. The City has various oversight responsibilities and authorities that allow the identification and response to violations, including but not limited to:

1. Exercising right of entry for the purposes of inspection, sampling, records review and oversight.
2. Requiring that the industrial user install monitoring structures and treatment equipment, at the user's expense.
3. Issue permits to industrial users.
4. Apply limits and prohibitions.

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5. Requiring that an industrial user submit permit applications, questionnaires, and other reports as necessary.
6. Recovering expenses, loss, or damage incurred by the City.
7. Taking enforcement against industrial users for violations of the City Code.
8. Publishing in a paper of general circulation that provides meaningful public notice within the jurisdiction(s) served by the City all industrial users meeting the definition of Significant Noncompliance during the previous 12 months.

B. Compliance Inspections

Inspections are critical elements in evaluating the compliance status of industrial users and in supporting an appropriate enforcement response. This section describes the City's intent to perform inspections and provides specific guidance relating to these activities. The Pretreatment Coordinator is the lead for inspection duties.

The City's pretreatment program complies with the Federal requirement to inspect Significant Industrial User (SIUs) at least once per year. The City also inspects other permitted and select non-permitted industrial users at a frequency determined to be appropriate by the City. Inspection frequencies may be increased at the sole discretion of the City. Some factors influencing the frequency of oversight include: instances of non-compliance, unusual discharge or operational activities, lack of complete information or understanding of the processes or activities of the industrial user, on-going evaluation of POTW loading, or other factors.

Inspections are used to identify changes in wastewater or processes, evaluate compliance with construction schedules and the industrial user permit, follow-up on violations, verify records retention, verify production, characterize discharge practices, facilities and equipment, generally update information in the IUs file, and identify potential problem areas, including spill and slug loading potential.

IUs demonstrating noncompliance shall be subject to increased surveillance and may be asked to perform additional self-monitoring.

There are three types of IU inspections: scheduled, unscheduled, and on-demand.

1. Scheduled Inspections

These inspections are scheduled with the IU from a week to a month in advance. Notifying the industry in advance helps to ensure that a knowledgeable employee will be available to answer questions and needed records will be readily available for inspection and review. This allows the inspector to use his or her time more effectively during the inspection. Additionally, the inspection can be scheduled for a time when the facility will be in normal operation. For these reasons, scheduled inspection will generally be used

for the annual compliance inspection. It is also helpful to vary the date of inspections so that the inspections dates are not always completed on the same date annually.

2. **Unscheduled Inspections**

These inspections are not pre-scheduled in advance with the IU. Little or no prior notice is given, except when minimum notice (a call as entry to the facility is made) is necessary to gain access to the facility or to ensure that the facility contact is present. This type of inspection is useful in determining the current compliance status of an IU. Unscheduled inspections can also be used as a follow up to scheduled inspection to determine if noted deficiencies have been corrected. This inspection may mirror the annual inspection if a more “normal” operational environment is desired. These inspections are at the sole discretion of the City. This type of inspection is also used to determine if an industry needs to be considered for permit issuance.

3. **On-Demand Inspection**

On-Demand inspections are conducted in response to known or suspected violations discovered through self-monitoring reports, routine inspections, sampling events, public complaints, unusual influent conditions at the POTW, or emergency situations including plant upsets, sewer line blockages, fires, and explosions.

On-demand inspections will be performed immediately with no prior notice provided to the industrial user. In some cases, assistance from other appropriate agencies (e.g. fire department, hazardous waste response team, EPA, state) may be requested if it does not delay the conduct of the inspection.

C. **Compliance Sampling**

1. **City Compliance Monitoring**

Sampling is used primarily to determine compliance with applicable Pretreatment Standards to confirm data submitted by IUs in self-monitoring reports has been representative. Pretreatment personnel schedule routine, unannounced sampling of the industrial user’s discharge. When a sample indicates a violation, the IU’s discharge will be resampled and a response to the violation will be initiated.

All samples are collected and analyzed in accordance with EPA approved procedures published in 40 CFR Part 136. The contract laboratory is required to maintain a quality assurance/quality control program and QA/QC data provided with each laboratory report. Blanks and duplicates, as appropriate, are sent to the laboratory to be analyzed. If any of the required QA/QC criteria are not met, the proper corrective measures are taken and the samples are recollected and/or re-analyzed as appropriate. All compliance data, whether collected by the City or generated through IU self-monitoring reports are systematically reviewed to

identify violations and evaluate sample collection, holding time, method sensitivity, and chain-of-custody problems. City compliance monitoring reports are normally reviewed within seven (7) days of receipt.

2. Industrial User Self-Monitoring

All permits issued by the City contain a self-monitoring requirement for specific pollutants. In addition, other industrial users may have reporting requirements as a part of their Best Management Practices (BMPs). The frequency with which an IU is required to self-monitor for a pollutant or report compliance with a specific BMP is set by the City and at the sole discretion of the City (for monitoring frequencies that are set above the minimums).

The following guidelines are used by the City in reviewing self-monitoring reports from industries to identify violations:

- a. Report due and report submitted date.
- b. All certification statements as required are included and signed.
- c. Signatures checked to verify that the report signer is the Authorized Representative.
- d. All sample and analytical data required by the permit is included.
- e. Analytical methods were appropriate (40 CFR Part 136, state requirements and as required in the IU permit) and holding times and Minimum Detection Levels (MDLs) are met, including review of the Chain-of-Custody.
- f. All pollutant data is compared to permit limitations to identify violations.

D. Staffing and Responsible Officials

Day-to-day Pretreatment Program activities will be administered by the Pretreatment Coordinator who answers to the Chief Water Reclamation Operator under direction of the Utilities Manager who is accountable to the Public Works Director. Administration and enforcement of the Pretreatment Program involves several basic activities and program lead(s), including:

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Type of Program Activity	Program Lead(s)	Other Program Team Members
Budgeting	Utilities Manager Chief Wastewater Operator	Public Works Director
Identifying Industrial Users	Pretreatment Coordinator	Administrative Staff; Utilities Manager
Managing Data (includes data entry)	Pretreatment Coordinator	Administrative Staff Chief Wastewater Operator Environmental Specialist
Permitting IUs	Environmental Specialist	Pretreatment Coordinator Utilities Manager (Sign)
Inspecting IUs	Pretreatment Coordinator	
Reviewing Reports	Pretreatment Coordinator	Environmental Specialist
Sampling IU Discharges	Pretreatment Coordinator	
Enforcement	Pretreatment Coordinator (tracking)	See Table below

The following table establishes the official(s) responsible for initiating and completing an enforcement action:

Type of Enforcement Response	Official Responsible for Initiating an Enforcement Action	Other Enforcement Team Members
Informal: phone call, email, meeting	Pretreatment Coordinator	Chief Wastewater Operator (informed) Utilities Manager (informed)
Notice of Violation (NOV)	Pretreatment Coordinator	Chief Wastewater Operator Utilities Manager (sign) Public Works Director (briefed) City Administrator (briefed) City Attorney (briefed)

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Compliance Order	Pretreatment Coordinator	Chief Wastewater Operator (concur) Utilities Manager (concur) Public Works Director (sign) City Administrator (briefed) City Attorney (briefed)
Consent Order *	Environmental Specialist City Attorney	Chief Wastewater Operator (concur) Utilities Manager (concur) Public Works Director (sign) City Attorney (draft) City Administrator (briefed) Mayor (briefed)
Show Cause Order*	Environmental Specialist City Attorney	Chief Wastewater Operator (concur) City Attorney (concur) Utilities Manager (concur) Public Works Director (sign) City Administrator (briefed) Mayor (briefed)
Administrative Penalty Order*	Environmental Specialist City Attorney	Chief Wastewater Operator (concur) City Attorney (concur) Utilities Manager (concur) Public Works Director (sign) Mayor (briefed)
Emergency Suspensions	Environmental Specialist City Attorney	Chief Wastewater Operator (concur) City Attorney (concur) Utilities Manager (concur) Public Works Director (sign) City Administrator (briefed) Mayor (briefed)
Permit Revocation	Environmental Specialist City Attorney	Chief Wastewater Operator (concur) City Attorney (concur) Utilities Manager (concur) Public Works Director (sign) City Administrator (briefed) Mayor (briefed)

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Civil Judicial Action*	City Attorney Environmental Specialist	Pretreatment Coordinator (concur) Chief Wastewater Operator (concur) City Attorney (concur) Utilities Manager (concur) Public Works Director (sign) City Administrator (briefed) Mayor (briefed)
Injunctions*	City Attorney Environmental Specialist	Chief Wastewater Operator (concur) Utilities Manager (concur) Public Works Director (concur) City Attorney (concur) City Administrator (briefed) Mayor (briefed)
Settlement Agreements*	City Attorney Environmental Specialist	Pretreatment Coordinator (concur) Chief Wastewater Operator (concur) City Attorney (concur) Utilities Manager (concur) Public Works Director (sign) City Administrator (briefed) Mayor (briefed)
Criminal Referrals (to DEQ Regional Compliance Officer)	Utilities Manager City Attorney	Public Works Director (concur) City Attorney (sign) City Administrator (briefed) Mayor (briefed) This would be on a need-to-know basis to prevent leaking of information.

* Documents to be prepared by City attorney or attorney engaged by City for this specific purpose.

III. Enforcement Response Guide

A. General

Once a violation is identified, the City will determine the appropriate enforcement response. If the violation is significant (serious, recurring, Significant Non-Compliance (SNC), etc.) the City will generally take a formal enforcement action. If the violation is not significant (isolated, minor, not SNC, etc.) the City will generally take an informal enforcement action. The significance of violations is defined in Table 1. The City may take any enforcement action or combination of actions that the City determines is timely and appropriate. Issuance of one action shall not be a bar against, or a prerequisite for, taking any other action against the Industrial User.

Tracking of enforcement actions is generally the responsibility of the Pretreatment Coordinator.

B. Administrative Enforcement Actions

1. Informal Violation Communication/Meetings

The City may notify a user of a violation (minor, isolated) via a phone call or email or have a meeting with the industrial user. These are informal actions. A record of communication for the phone call or copy of the email and/or meeting notes will be included in the IUs file.

2. Written Notice of Violation (NOV)

Whenever an IU is violating or has violated the City's Ordinance, permit condition or other Pretreatment Standard or Requirement, the City may issue a written NOV to the industrial user. The purpose of the NOV is to notify the IU of the violation(s) and to request that the IU explain the cause(s) of the violation and what is being done to prevent a recurrence. This may be the only enforcement response necessary for some non-SNC violations and is considered an informal enforcement response. An NOV may be issued initially and routinely for any violation and that action followed up later by an escalated enforcement action.

Administrative: The NOV is an informal enforcement response. The NOV may be hand delivered or sent via certified mail, return receipt, to the Authorized Representative. The industrial user will be required to respond within thirty (30) calendar days from the receipt of the NOV unless another timeframe is established by the City. A copy of the NOV will be filed in the industrial user file. The City may perform an on-site inspection as a follow-up to the violation. A failure of a violator to respond to an NOV, as required, may result in a finding

of Significant Noncompliance (SNC) and a formal enforcement action to compel compliance.

3. Compliance Orders

Compliance orders are formal enforcement actions which direct IUs to undertake or to cease specified activities. Compliance orders should be used as the first formal response to violations that result in an industrial user being in SNC. The Compliance Order mandates that sewer service will be discontinued following a specified time period unless specified actions are taken by the IU. If continued operation of the industrial facility will not cause a significant discharge violation (e.g. Pass Through, Interference, etc.) and the industrial user cannot achieve compliance immediately, the City may issue a Compliance Order requiring the industrial user to complete specific tasks by certain dates. Issuance of a Compliance Order does not relieve the IU of the obligation to meet local limits and requirements, nor does it bar the City from undertaking additional enforcement actions, including but not limited to the imposition of penalties. The Compliance Order allows the IU to continue to discharge as long as it demonstrates adequate progress in providing a permanent solution to the cause of its discharge violations. Under no circumstances will the City agree to a compliance schedule that might result in Pass Through, Interference or violation of a General or Specific Prohibition.

4. Consent Orders

A Consent Order is issued by the City and reflects an agreement between the City and the IU which usually establishes a compliance schedule, stipulated penalties and/or remedial action. A consent order will be used when the IU assumes responsibility for its noncompliance and agrees to voluntarily correct the cause of the violation. A consent order is generally issued as a secondary action to a formal enforcement action. Issuance of a consent order does not relieve the IU of the obligation to meet local limits and requirements, nor does it bar the City from undertaking additional enforcement actions, including the imposition of penalties. The consent order allows the industry to continue to discharge as long as it demonstrates adequate progress in providing a permanent solution to the cause of its discharge violations. Under no circumstances will the City agree to a compliance schedule that might result in Pass Through, Interference or violation of a General or Specific Prohibition.

5. Show Cause Hearing and Order

Whenever a violation is not corrected after notification or a compliance schedule has not been met, the City may issue an order on the IU to show cause at a hearing before the City as to why the proposed enforcement actions should not be taken. The show cause order will specify the time and place of hearing, the

proposed action, the reasons why the action is to be taken, and directing the IU to explain why the action is not warranted. The show cause order will be served personally or by certified mail (return receipt requested) at least ten (10) days before the hearing.

After the City has reviewed the evidence and finds that the violation has not been corrected, it may issue a Compliance Order, including an order to discontinue service, levy penalties, make corrective actions or to proceed with the proposed enforcement actions, or any combination of these. If the evidence shows that the violation has been corrected, the City will inform the IU in writing of its findings. Issuance of a show cause order does not relieve the IU of the obligation to meet local limits and requirements.

6. Cease and Desist Order (CDO)

When the City finds that an Industrial User has violated (or continues to violate) any provision of this Ordinance, a wastewater discharge permit or order issued hereunder, or any other Pretreatment Standard or Requirement, or that the Industrial User's past violations are likely to recur, the City may issue a Cease and Desist Order (CDO) to the Industrial User directing it to cease and desist all such violations and directing the Industrial User to immediately comply with all requirements and take such appropriate remedial or preventive action as may be needed to properly address a continuing or threatened violation, including halting operations and/or terminating the discharge.

7. Administrative Penalty Order (APO)

An Administrative Penalty Order (APO) is used by the City to impose penalties to industrial users. An APO can minimize the costs to the industrial user and City as compared to civil litigation. The City has the authority to issue an APO for administrative fines up to \$1,000 per violation per day (Idaho Code 50-302(2)). Penalties would be calculated according to the general guidelines provide in Section IV of this Plan. Issuance of an APO does not relieve the IU of the obligation to meet all applicable Pretreatment Standards and Requirement.

8. Emergency Suspension for Noncompliance

In situations where an actual or threatened discharge presents or may present an imminent or substantial endangerment to human health, welfare or the environment, causes Interference to the POTW or causes the City to violate its discharge permit, the City may suspend wastewater treatment service without any hearing or formal notice to the industrial user. The City will take all necessary steps, including seeking injunctive relief or severance of the sewer connection, to prevent or minimize any damage to the POTW system or endangerment to persons or the environment.

9. Revocation of Permit

The City may revoke a permit and the authorization of an industrial user to discharge wastewater to the POTW for the reasons cited in Section 13.20.470 of the City Code. The industrial user may be required to demonstrate that all non-domestic wastewater is properly disposed of.

C. Judicial Enforcement Actions

1. Civil judicial enforcement (civil action) is the formal process of filing a lawsuit against an IU to secure court ordered action to correct violations and to assess penalties of up to \$1,000 per day per violation, including the recovery of costs to the City. Civil action is an appropriate enforcement response in several situations:

- ✓ When injunctive relief is necessary to halt or prevent discharges which threaten human health, the environment, or the treatment plant.
- ✓ When efforts to restore compliance through other enforcement actions have failed and a court order is necessary to enforce program requirements.
- ✓ When an IU fails to pay assessed penalties or the City wishes to recover losses due to the IU's non-compliance.
- ✓ When the IU has such serious and chronic violations, the use of other formal enforcement actions would not be appropriate.

2. Injunctive Relief

The City may seek injunctive relief for violations of a permit, the City Code, any order or violations of other Pretreatment Standards or Requirements. The City has the authority to suspend an IU's wastewater treatment service in the event a discharge may cause imminent or substantial endangerment, and injunctive relief may not be necessary to halt or prevent the discharge. Injunctive relief may be necessary, however, if the IU refuses to comply with an order issued by the City.

3. Settlement Agreement

Settlement Agreements are agreements between the City and the IU reached after civil actions have been filed. To be binding, the decree must be signed by the City, city attorney and the IU. Settlement Agreements are used when the IU acknowledges and is willing to correct the violations and agrees with the City to a penalty and/or remedial actions and in some cases, costs and damages incurred by the City.

4. Criminal Enforcement Actions

The City may prosecute criminal cases as specified at Section 13.20.530 of the City Code. The City may also refer to and rely upon DEQ and any other appropriate jurisdiction to prosecute criminal environmental violations. The City maintains the ability to independently take administrative or civil actions for any violations without regard to an on-going criminal enforcement action (e.g. parallel proceedings).

IV. Enforcement Response Guide

The City will use the Enforcement Response Guide in Table 1 as a framework to determine the appropriate enforcement response for various types of violations. Based upon the specific situation, the City may alter its response to a violation. Should the violator fail to respond to any enforcement action initiated by the City, the City may opt to follow-up with any enforcement response that the City deems appropriate and that is authorized by City Code. The City may initiate an enforcement action with something other than the lowest level of action listed. The City may opt to take an immediate and significant action (penalty action) for a first violation.

Table 1

Abbreviations: AO- Administrative Order, APO - Administrative Penalty Order, CDO - Cease and Desist Order, NOV - Notice of Violation, SNC = Significant Non-compliance.

Violation	Circumstances	Typical Range of Enforcement Responses⁽³⁾	Typical timeframe for initiating the enforcement response
Failure to apply (or reapply) for a permit as required.	Any Instance	<p><u>Existing permittees:</u> NOV⁽¹⁾, Compliance Order, CDO, termination of permit/discharge, APO⁽²⁾.</p> <p><u>Regulated IUs that do not currently have a permit:</u> NOV, Compliance Order, CDO, cease and desist order, injunction, APO, judicial action⁽⁴⁾, termination of discharge.</p>	Within 14 days of identifying the violation.
Failure to submit a complete and accurate permit application	Any Instance	Phone call, email, NOV, Compliance Order, CDO, APO, judicial action, termination of discharge	Within 14 days of identifying the violation.
Illegal or unpermitted discharge	Any Instance	NOV (for pre-notice only), Compliance Order, CDO, show cause hearing, APO, judicial action, termination of discharge.	Immediately
Permit effluent limit violation (Pretreatment Standards)	Any Instance	<p><u>Isolated, Not SNC:</u> NOV, AO</p> <p><u>Recurring and/or SNC:</u> NOV, Compliance Order, CDO, show cause hearing, APO, civil action, termination of discharge.</p>	Within 14 days of identifying the violation.

Table 1

Abbreviations: AO- Administrative Order, APO - Administrative Penalty Order, CDO - Cease and Desist Order, NOV - Notice of Violation, SNC = Significant Non-compliance.

Violation	Circumstances	Typical Range of Enforcement Responses⁽³⁾	Typical timeframe for initiating the enforcement response
Exceeds a local limit (Pretreatment Standard) that is not included as a permit limit in the existing IU permit. This includes violation of a BMP.	No environmental or POTW impact and the pollutant was disclosed in the permit application	NOV, permit modification, AO	Within 14 days of identifying the violation.
	No environmental or POTW impact and the pollutant was not disclosed in the permit application	NOV, Compliance Order, CDO, show cause hearing, APO, judicial action, termination of discharge.	Within 14 days of identifying the violation.
	An environmental or POTW impact	Compliance Order, CDO, show cause hearing, APO, judicial action, injunction, emergency suspension, termination of discharge.	Immediately

Table 1

Abbreviations: AO- Administrative Order, APO - Administrative Penalty Order, CDO - Cease and Desist Order, NOV - Notice of Violation, SNC = Significant Non-compliance.

Violation	Circumstances	Typical Range of Enforcement Responses⁽³⁾	Typical timeframe for initiating the enforcement response
Discharge that presents or may present an imminent or substantial endangerment to health, the environment, personnel, or the POTW.	Any instance	Termination of permit and discharge (emergency suspension), injunction, APO, judicial action.	Immediately
Discharge of wastes specifically prohibited in a discharge permit or the City Ordinance that violates a General or Specific Prohibition.	Any Instance	NOV, Compliance Order, CDO, show cause hearing, APO, judicial action, termination of discharge.	Within 14 days of identifying the violation.
Slug Load	Isolated, no damage to POTW or environment.	NOV, Compliance Order, CDO, APO	Within 14 days of identifying the violation.
	Recurring (>1/3 months) or causing a violation of the General or Specific prohibitions.	NOV (pre-notice), Compliance Order, CDO, show cause hearing, APO, judicial action, termination of discharge.	Within 5-14 days of identifying the violation.

Table 1

Abbreviations: AO- Administrative Order, APO - Administrative Penalty Order, CDO - Cease and Desist Order, NOV - Notice of Violation, SNC = Significant Non-compliance.

Violation	Circumstances	Typical Range of Enforcement Responses⁽³⁾	Typical timeframe for initiating the enforcement response
Failure to report (self-monitoring report), including compliance with Best Management Practices (BMPs)	<30 days late (isolated)	Informal, NOV	Within 14 days of identifying the violation.
	<30 days late (recurring)	Compliance Order, CDO, APO, show cause hearing	Within 45 days of identifying the violation.
	>30 days late	Compliance Order, CDO, show cause hearing, APO, judicial action, revocation of permit.	Within 45 days of identifying the violation.
Failure to Provide Complete Reports (other than failure to monitor), including reports on BMPs	Isolated Occurrence	NOV	Within 5 days of review.
	Recurring (>1 report in 6 months)	NOV, Compliance Order, CDO, APO, other formal actions as appropriate.	Within 14 days of review.
Failure to monitor for all required permit or other required pollutants.	Any instance	NOV, Compliance Order, CDO, APO	Within 14 days of identifying the violation.
Falsification of Data/Reports	Any Instance	Compliance Order, CDO, APO, Judicial Action	Within 45 days of identifying the violation.

Table 1

Abbreviations: AO- Administrative Order, APO - Administrative Penalty Order, CDO - Cease and Desist Order, NOV - Notice of Violation, SNC = Significant Non-compliance.

Violation	Circumstances	Typical Range of Enforcement Responses⁽³⁾	Typical timeframe for initiating the enforcement response
Failure to report an effluent violation within 24 hours	Any Instance (Note: Any failure to accurately report non-compliance is a SNC violation)	NOV (pre-notice), Compliance Order, CDO, show cause hearing, APO, judicial action, revocation of permit.	Within 14 days of identifying the violation.
Failure to resample within 30 days as required.	Any Instance (SNC)	NOV (pre-notice), Compliance Order, CDO, show cause hearing, APO, judicial action, revocation of permit.	Within 14 days of identifying the violation.
Failure to notify of a change in discharge or changed conditions that may affect the potential for a slug discharge.	Any instance	NOV, Compliance Order, CDO, APO, show cause hearing, judicial action, injunction, termination of discharge	Within 14 days of identifying the violation.
Missed compliance schedule milestone or final date within 90 days of deadline (SNC)	Any Instance	Compliance Order, CDO, show cause hearing, APO, judicial action.	Within 14 days of identifying the violation.

Table 1

Abbreviations: AO- Administrative Order, APO - Administrative Penalty Order, CDO - Cease and Desist Order, NOV - Notice of Violation, SNC = Significant Non-compliance.

Violation	Circumstances	Typical Range of Enforcement Responses⁽³⁾	Typical timeframe for initiating the enforcement response
Failure to provide a required notification or submit a required report, including submitting incomplete information, other than those reports and notifications specifically identified.	<30 days late	NOV, Compliance Order, CDO, APO, show cause hearing	Within 14 days of identifying the violation.
	>30 days late	NOV (pre-notice), Compliance Order, CDO, APO, show cause hearing, APO, judicial action, revocation of permit.	Within 14 days of identifying the violation.
Tampering with monitoring equipment or methods.	Any Instance	Compliance Order, CDO, APO, judicial action, termination of permit/discharge	Within 45 days of identifying the violation.
Denial of access, refusal of entry or withdrawal of access.	Any Instance	Injunction, administrative search warrant, Compliance Order, CDO, show cause hearing, APO, judicial action, termination of discharge.	Immediately
Failure to comply with an order or request for information.	Any Instance	Compliance Order, CDO, show cause hearing, APO, judicial action, revocation of permit.	Within 45 days of identifying the violation.

Table 1

Abbreviations: AO- Administrative Order, APO - Administrative Penalty Order, CDO - Cease and Desist Order, NOV - Notice of Violation, SNC = Significant Non-compliance.

Violation	Circumstances	Typical Range of Enforcement Responses⁽³⁾	Typical timeframe for initiating the enforcement response
Bypassing treatment without authorization or notification to the POTW.	Any Instance	NOV (pre-notice), Compliance Order, CDO, APO, show cause hearing, judicial action, injunction, termination of discharge.	Immediately
Other violations not specifically identified above.	Any Instance	Informal, NOV, Compliance Order, CDO, show cause hearing, APO, judicial action, injunction, emergency suspension, termination of discharge, or any other enforcement option available to the City.	As determined to be appropriate.
Failure to properly operate or maintain a treatment system.	Any instance	Compliance Order, CDO, show cause hearing, APO, judicial action, injunction, termination of discharge.	Immediately – 14 days of identifying the violation.
Failure to install a grease interceptor or sand/oil separator as required.	Any instance	Compliance Order, CDO, show cause hearing, APO, judicial action.	Within 15 days of identifying the violation.
Failure to maintain a grease interceptor or sand/oil separator as required.	Any instance	NOV, Compliance Order, CDO, APO.	Immediately – 5 days of identifying the violation.

Table 1

Abbreviations: AO- Administrative Order, APO - Administrative Penalty Order, CDO - Cease and Desist Order, NOV - Notice of Violation, SNC = Significant Non-compliance.

Violation	Circumstances	Typical Range of Enforcement Responses⁽³⁾	Typical timeframe for initiating the enforcement response
Failure to install monitoring structures or equipment as required.	Any instance	Compliance Order, CDO, show cause hearing, APO, judicial action, injunction, cease and desist, termination of discharge.	Within 45 days of identifying the violation.
Failure to use appropriate analytical methods.	Any instance	NOV, Compliance Order, CDO, APO.	Within 14 days of identifying the violation.
Failure to sample as required, including wrong sample type, exceeding holding times, no chain of custody, etc.	Any instance	NOV, Compliance Order, CDO, APO.	Within 14 days of identifying the violation.
Industrial user is using dilution to meet limits.	Any instance	NOV (pre-notice), Compliance Order, CDO, show cause hearing, APO, judicial action, injunction, cease and desist, termination of discharge.	Within 14 days of identifying the violation.
Failure to maintain records on-site as required.	Any instance	NOV, Compliance Order, CDO, APO	Within 14 days of identifying the violation.
Failure to comply with inspection required actions.	Any instance	NOV, Compliance Order, CDO, APO, judicial action.	Within 45 days of identifying the violation.

Table 1

Abbreviations: AO- Administrative Order, APO - Administrative Penalty Order, CDO - Cease and Desist Order, NOV - Notice of Violation, SNC = Significant Non-compliance.

Violation	Circumstances	Typical Range of Enforcement Responses⁽³⁾	Typical timeframe for initiating the enforcement response
pH violation.	<5.0, no damage	NOV, Compliance Order, CDO, compliance schedule, APO	Within 14 days of identifying the violation.
	<5.0, damage to the monitoring structure, service line or POTW	NOV (pre-notice), Compliance Order, CDO, show cause hearing, APO, judicial action, injunction, cease and desist, termination of discharge.	Within 14 days of identifying the violation.
Violations determined to be knowing, willful or due to negligence not specified above.	Any instance	Compliance Order, CDO, show cause hearing, APO, judicial action, injunction, emergency suspension, termination of discharge, or any other enforcement option available to the City.	Within 45 days of identification of the violation.

- (1) Where NOV is specified in the Table: NOVs may be used as the initial response to violations. For serious, chronic or SNC violations, the NOV would be followed up with a formal enforcement action.
- (2) The City may issue administrative fines for violations through issuance of an administrative penalty order (APO) for up to \$1,000 per violation per day. The City may seek penalties in civil court for up to \$1,000 per violation per day. In addition to any administrative or civil penalties, the City may recover reasonable attorney’s fees, court costs, court reporter’s fees and other expenses of litigation by appropriate lawsuit against the violator. Such fines shall be in addition to any actual damages the City may incur because of such violations. Where a violation is found to have caused Interference or Pass Through, the maximum penalty may be increased as necessary to allow the City to recover any fines or penalties paid by the City for NPDES permit violations due to the Interference or Pass Through.

CPF Pretreatment Program ERP

- (3) The range of enforcement response incorporates three program approaches:
 - A. Unless otherwise specified, the POTW will generally increase or escalate its enforcement response if violations are repeated or violations in multiple categories occur.
 - B. The issuance of penalties will generally follow those guidelines in Section IV of this plan and will increase for repeated violations or violations in multiple categories.
 - C. If an industrial user has a violation or violations that result in a determination of SNC, the City will generally issue a formal enforcement action.
- (4) Judicial Action is a general term that may include civil and/or criminal judicial actions or other judicial action deemed appropriate by the City.

V. Administrative Penalty Guide

The City will use the following general guidelines for determining the appropriate administrative penalty for a violating Industrial User. The City is not constrained by these guidelines, as a particular case may warrant a different approach to penalty assessment.

PENALTY ASSESSMENT GUIDE		
	MINOR VIOLATIONS	SIGNIFICANT VIOLATIONS
TYPE OF VIOLATION	Maximum Fine = \$1,000*/DAY/VIOLATION	Maximum Fine = \$1,000*/DAY/VIOLATION
ILLEGAL DISCHARGE	IU did not apply or re-apply for permit as required by Ordinance or permit, but did so within the deadline provided in the NOV.	IU refused to apply or re-apply for permit.
DISCHARGE LIMIT OR SLUG LOAD VIOLATION	Isolated incident and the violation can reasonably be expected to not have a measurable effect on the POTW, public health or the environment, and the IU reported the incident as required by Ordinance or Permit.	Repeated incidents or the violation can reasonably be expected to have a measurable effect on the POTW, public health or the environment, or the violation was not reported as required by Ordinance or Permit.
MONITORING, ANALYSIS OR REPORTING VIOLATION	Isolated incident and the IU made corrections within the time specified by the NOV.	Repeated incidents, or the IU failed to make corrections within the time specified by the NOV.
DILUTION OF WASTESTREAM PRIOR TO MONITORING	Initial violation, corrected within time specified by the NOV.	Repeated incidents, or the IU failed to make corrections within the time specified by the NOV.
MISSED MILESTONE DATE	Initial violation, corrected within the time specified by the NOV.	Repeated incidents, or the IU failed to make corrections within the time specified by the NOV.
TAMPERING WITH MONITORING EQUIPMENT	NA	Tampering with monitoring equipment.
FALSIFYING DATA OR OTHER INFORMATION	NA	Falsification of data or other information.
OTHER VIOLATIONS	As determined by the City.	As determined by the City.

* 40 CFR 403.8(1)(f)(vi)(a)

APPENDIX C.1
Survey Sent to IUs

City of Post Falls Industrial User Survey

Please answer each question as completely as possible and return by mail, in person, or complete online at www.surveymonkey.com/r/postfallspretreatment

1. Company Name:				
2. Authorized Official:				
3. Company Address:				
4. Production Facility Address (if different than Company Address):				
5. Operator Phone:				
6. Top 4 SIC or NAICS codes in order of priority from major to minor products: (lookup codes at https://www.census.gov/eos/www/naics)				
7. List the products the facility manufactures:				
8. List the raw materials and process additives used:				
9. Indicate the types of waste generated by this facility:	<input type="checkbox"/> Domestic waste (organic material /household waste)	<input type="checkbox"/> Noncontact cooling	<input type="checkbox"/> Boiler/tower blowdown	<input type="checkbox"/> Contact cooling water
	<input type="checkbox"/> Process	<input type="checkbox"/> Washdown	<input type="checkbox"/> Air pollution control	<input type="checkbox"/> Storm water runoff
10. Indicate where waste is discharged:	<input type="checkbox"/> Sanitary sewer	<input type="checkbox"/> Storm sewer	<input type="checkbox"/> Surface water	
	<input type="checkbox"/> Ground water	<input type="checkbox"/> Waste hauler	<input type="checkbox"/> Evaporation	
<i>If answered "domestic waste" to question 9 please skip to question 15</i>				
11. What are the maximum and average daily flows discharged from this facility (gallons per day)?				

12. What is the average nutrient load at this facility (pounds per day)?	
13. List pollutants discharged by this facility:	
14. Describe any existing pretreatment technology:	
15. Does the facility perform processes in any of the industrial categories or business activities listed below?	
<input type="checkbox"/> Airport Deicing	<input type="checkbox"/> Leather Tanning and Finishing
<input type="checkbox"/> Aluminum Forming	<input type="checkbox"/> Meat and Poultry Products
<input type="checkbox"/> Asbestos Manufacturing	<input type="checkbox"/> Metal Finishing
<input type="checkbox"/> Battery Manufacturing	<input type="checkbox"/> Metal Molding and Casting
<input type="checkbox"/> Canned and Preserved Fruits and Vegetables	<input type="checkbox"/> Metal Products and Machinery
<input type="checkbox"/> Canned and Preserved Seafood	<input type="checkbox"/> Mineral Mining and Processing
<input type="checkbox"/> Carbon Black Manufacturing	<input type="checkbox"/> Nonferrous Metals Forming and Metal Powders
<input type="checkbox"/> Cement Manufacturing	<input type="checkbox"/> Nonferrous Metals Manufacturing
<input type="checkbox"/> Centralized Waste Treatment	<input type="checkbox"/> Oil and Gas Extraction
<input type="checkbox"/> Coal Mining	<input type="checkbox"/> Ore Mining and Dressing
<input type="checkbox"/> Coil Coating	<input type="checkbox"/> Organic Chemicals, Plastics, and Synthetic Fibers (OCPSF)
<input type="checkbox"/> Concentrated Animal Feed Operations (CAFO)	<input type="checkbox"/> Paint Formulating
<input type="checkbox"/> Concentrated Aquatic Animal Production (CAAP)	<input type="checkbox"/> Paving and Roofing Materials (Tars and Asphalt)
<input type="checkbox"/> Construction and Development	<input type="checkbox"/> Pesticide Chemicals
<input type="checkbox"/> Copper Forming	<input type="checkbox"/> Petroleum Refining
<input type="checkbox"/> Dairy Products Processing	<input type="checkbox"/> Pharmaceutical Manufacturing
<input type="checkbox"/> Electrical and Electronic Components	<input type="checkbox"/> Phosphate Manufacturing
<input type="checkbox"/> Electroplating	<input type="checkbox"/> Photographic Processing
<input type="checkbox"/> Explosives Manufacturing	<input type="checkbox"/> Porcelain Enameling
<input type="checkbox"/> Ferroalloy Manufacturing	<input type="checkbox"/> Pulp, Paper, and Paperboard
<input type="checkbox"/> Fertilizer Manufacturing	<input type="checkbox"/> Rubber Manufacturing
<input type="checkbox"/> Glass Manufacturing	<input type="checkbox"/> Soap and Detergent Manufacturing

<input type="checkbox"/> Grain Mills	<input type="checkbox"/> Steam Electric Power Generating
<input type="checkbox"/> Gum and Wood Chemicals Manufacturing	<input type="checkbox"/> Sugar Processing
<input type="checkbox"/> Hospitals	<input type="checkbox"/> Textile Mills
<input type="checkbox"/> Ink Formulating	<input type="checkbox"/> Timber Products Processing
<input type="checkbox"/> Inorganic Chemicals Manufacturing	<input type="checkbox"/> Transportation Equipment Cleaning
<input type="checkbox"/> Iron and Steel Manufacturing	<input type="checkbox"/> Waste Combustors
<input type="checkbox"/> Landfills	

16. Indicate whether any of the following chemicals are used in your facility:

LEGEND:

Leave blank if Status is Absent

Mark "S" if Status is Suspected Absent

Mark "P" if Status is Present

Mark "M" if Status is Suspected Present

<u>Chemical Compound</u>	<u>Status</u>	<u>Chemical Compound</u>	<u>Status</u>
ACENAPHTHENE		ACENAPHTHYLENE	
ACROLEIN		ACRYLONITRILE	
ALDRIN		ALPHA-ENDOSULFAN	
ALPHA-LINDANE		ANTHRACENE	
ANTIMONY		AROCLOR 1016	
AROCLOR 1221		AROCLOR 1232	
AROCLOR 1242		AROCLOR 1248	
AROCLOR 1254		AROCLOR 1260	
ARSENIC		ASBESTOS (FRIABLE)	
BENZ(A)ANTHRACENE		BENZENE	
BENZIDINE		BENZO(A)PYRENE	
BENZO(B)FLUORANTHENE		BENZO(GHI)PERYLENE	
BENZO(K)FLUORANTHENE		BENZYL BUTYL PHTHALATE	
BERYLLIUM		BETA-ENDOSULFAN	
BETA-LINDANE		BIS(2-CHLORO-1-METHYLETHYL) ETHER	
BIS(2-CHLOROETHOXY)METHANE		BIS(2-CHLOROETHYL) ETHER	
BIS(2-CHLOROISOPROPYL) ETHER		BIS(2-ETHYLHEXYL)PHTHALATE	
BIS(CHLOROMETHYL) ETHER		4-BROMOPHENYL PHENYL ETHER	
CADMIUM		CAMPHECHLOR	

CARBON TETRACHLORIDE		4-CHLOR-M-CRESOL	
CHLORDANE		CHLOROENZENE	
CHLORODIBROMOMETHANE		CHLOROETHANE	
2-CHLOROETHYL VINYL ETHER		CHLOROFORM	
CHLOROMETHANE		2-CHLORONAPHTHALENE	
2-CHLOROPHENOL		4-CHLOROPHENYL PHENYL ETHER	
CHROMIUM		CHRYSENE	
COPPER		CYANIDE	
DDD		DDE	
DDT		DELTA-LINDANE	
DI-N-OCTYL PHTHALATE		DI-N-PROPYLNITROSAMINE	
DIBENZ(A,H)ANTHRACENE		1,2-DIBROMOETHANE	
DIBUTYL PHTHALATE		1,4-DICHLOROENZENE	
1,2-DICHLOROENZENE		1,3-DICHLOROENZENE	
3,3'-DICHLOROBENZIDINE		DICHLOROBROMOMETHANE	
1,2-DICHLOROETHANE		1,1-DICHLOROETHANE	
1,1-DICHLOROETHYLENE		DICHLOROMETHANE	
2,4-DICHLOROPHENOL		1,2-DICHLOROPROPANE	
1,3-DICHLOROPROPENE (MIXED ISOMERS)		DIELDRIN	
DIETHYL PHTHALATE		DIMETHYL PHTHALATE	
2,4-DIMETHYLPHENOL		4,6-DINITRO-O-CRESOL	
2,4-DINITROPHENOL		2,4-DINITROTOLUENE	
2,6-DINITROTOLUENE		1,2-DIPHENYLHYDRAZINE	
ENDOSULFAN SULFATE		ENDRIN	
ENDRIN ALDEHYDE		ETHYLBENZENE	
FLUORANTHENE		FLUORENE	
GAMMA-LINDANE		HEPTACHLOR	
HEPTACHLOR EPOXIDE		HEXACHLORO-1,3-BUTADIENE	
HEXACHLOROENZENE		HEXACHLOROCYCLOPENTADIENE	
HEXACHLOROETHANE		INDENO(1,2,3-CD)PYRENE	
ISOPHORONE		LEAD	

MERCURY		METHANAMINE, N-METHYL-N-NITROSO	
METHYL BROMIDE		N-NITROSODIPHENYLAMINE	
NAPHTHALENE		NICKEL	
NITROBENZENE		4-NITROPHENOL	
2-NITROPHENOL		PENTACHLOROPHENOL	
PHENANTHRENE		PHENOL	
PYRENE		SELENIUM	
SILVER		2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN (TCDD)	
1,1,2,2-TETRACHLOROETHANE		TETRACHLOROETHYLENE	
2,3,4,6-TETRACHLOROPHENOL		THALLIUM	
TOLUENE		1,2-TRANS-DICHLOROETHYLENE	
TRIBROMOMETHANE		1,2,4-TRICHLOROBENZENE	
1,1,2-TRICHLOROETHANE		1,1,1-TRICHLOROETHANE	
TRICHLOROETHYLENE		2,4,6-TRICHLOROPHENOL	
VINYL CHLORIDE		ZINC	
<p>In accordance with Title 40 of the Code of Federal Regulations Part 403 Section 403.14, information provided in this questionnaire will be available to the public without restriction. Requests for confidential treatment of other information shall be governed by procedures specified in 40 CFR 2.</p> <p>“I have personally examined and am familiar with the information submitted in this document. Based upon my inquiry of those individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment.”</p>			
Signature			
Date			

APPENDIX C.2
Master List of IUs

Business Name	IU Type ID	Reason*	Pollutants of Concern	Survey Completion Date	Data Source	Eliminated from Survey?	Survey Sent Date	If not returned, actions taken	Business Type	Contact	Phone#	Business Address	Business City	Business State	Business Zip	Mail Address	Mail City	Mail State	Mail Zip	Business Phone	SIC CODE	NAICS CODE
River City Lanes	NIU	?	Fogs; Cleaning Supplies	09/24/13	WRF	Yes			Services	Robert Covington	208-773-7575	965 W Seltice Way								7933	713950	
"Junk Genie"	NIU	No pollutants of concern	None	06/12/13	WRF	Yes			Tcegs, Agri, For, Fish	Anthony Dean Bartolo	208-704-1205	3274 N Treaty Rock Blvd								4953 0782	562111 516730	
2 Doas Walking	NIU	No pollutants of concern	None	01/07/14	WRF	Yes			Agri; Fishing; Forestry	Molly Robbins	208-661-0524	5151 E Shore Cv								752	812910	
2nd Amendment Sling, LLC	NIU	No reasonable potential	None		License	Yes	1/18/2018		Retail-Sporting Goods	David W Hall	509-218-0580	2875 N Stagecoach Drive	Post Falls	ID	83854	2875 N Stagecoach Drive	Post Falls	ID	83854		6411	524210
3 Acorn Lc Dba Acorn Insurance & Financial Services	NIU	No pollutants of concern	None	07/01/13	WRF	Yes			Fin, Ins, Re	Randy Oaks	208-758-0480	201 E Fourth Ave										
3 Ops Tactical Llc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Survval Training	Mark Masten	509-979-4153	4246 W Riverbend Avenue	Post Falls	ID	83854	4246 W Riverbend Avenue	Post Falls	ID	83854	509-979-4153	6411	524210
3D, Incorporated Of Federal Way	NIU	?	Simple Green Gasoline; Diesel	09/11/13	WRF	Yes			Services	Kip & Sandra Descombes	208-773-3900	5380 E Seltice Way Ste B										
41 Express Conco/In Coporation	NIU	?		06/06/12	WRF	Yes			Retail Trade	Lee Sang Hyun	208-777-7705	2509 N Hwy 41										
4M Property Management Team Lc	NIU	No pollutants of concern	None	10/17/12	WRF	Yes			Fin, Ins, Re	Terry A Mason	208-773-7897	1884 W Nesqually Ave	Post Falls	ID	83854	1088 W Cardinal Avenue	Hawden	ID	83835	208-691-5283	7378	811212
59 Escape Adventures	NIU	No reasonable potential	None		License	Yes	1/18/2018		Family Entertainment	Alissa Zass	208-691-5283	4294 W Riverbend Avenue	Post Falls	ID	83854	1088 W Cardinal Avenue	Hawden	ID	83835	208-691-5283	5541	445120
7 Day Dental Smiles	NIU	No reasonable potential	None		License	Yes	1/18/2018		Clinic-Dental	Dr. Rheanna Burnham	208-301-3548	105 E. 10th Avenue, Ste. B	Post Falls	ID	83854	105 E. 10th Avenue, Ste. B	Post Falls	ID	83854	208-773-8388	7378	811212
7-Eleven 2303-23781D	NIU	No pollutants of concern	None	01/13/14	WRF	Yes			Retail Trade	A Gulati	208-773-9130	650 N Idaho St										
8-Bit Ages	NIU	No reasonable potential	None		License	Yes	1/18/2018		Video Games	Jeremiah Brian Johnson	208-446-4182	4424 W Riverbend Avenue	Post Falls	ID	83854	4424 W Riverbend Avenue	Post Falls	ID	83854	208-773-7148	5541	445120
A & A Construction & Development, Inc.	NIU	No reasonable potential	None		License	Yes	1/18/2018		Construction	Bill Lawson	509-624-1170	4072 E Second Ave Unit A	Post Falls	ID	83854	2510 N Pines Road, Suite 1	SpoKane Valley	WA	99206	208-624-7180	7219	811490
A & K Lc Dba Hoffman'S Lock & Key	NIU	No pollutants of concern	None	10/23/13	WRF	Yes			Services	Gaylen G Bateman	208-755-2200	4072 E Second Ave Unit A										
A Better Choice - Abc Management	NIU	No pollutants of concern	None	08/18/13	WRF	Yes			Fin, Ins, Re	Stephanie Givens	208-777-9918	605 E Eighth Ave Ste C										
A Better Choice, Inc. - Abc Management	NIU	No reasonable potential	None		License	Yes	1/18/2018		Property Management	Stephanie Givens	208-777-9918	605 E 8th Ste C	Post Falls	ID	83854	P.O. Box 3450	Post Falls	ID	83877	208-777-9918	6531	531312
A Better Storage Solution	NIU	No pollutants of concern	None	10/01/13	WRF	Yes			Services	John Wood	208-457-8733	995 N Boulder Ct										
A Body Shop	NIU	No reasonable potential	None		License	Yes	1/18/2018		Body Shop	Julie Hurley	208-457-8409	3128-B W Seltice Way	Post Falls	ID	83854	1902 E Plaza Drive	Post Falls	ID	83854	208-640-5207	7299	531130
A Clean Slate	NIU	No reasonable potential	None		License	Yes	1/18/2018		Cleaning Service	Joan Anabie	208-625-8561	2700 W Dawn Avenue	Post Falls	ID	83854	2700 W Dawn Avenue	Post Falls	ID	83854	208-625-8561	7299	561622
A Clean Sweep, Llc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Organizing	Lenore C McDonald	208-640-0724	3080 N Precept Court	Post Falls	ID	83854	3080 N Precept Court	Post Falls	ID	83854	208-640-0724	7299	531312
A Cut Above	NIU	No pollutants of concern	None	03/15/13	WRF	Yes			Services	Julie Bossard	208-773-8092	804 N Lincoln St Ste 1										
A Growing Place	NIU	No pollutants of concern	None	01/08/14	WRF	Yes			Services	Cynthia Porter	208-625-0864	3622 E Mullian Ave										
A Mini Storage	NIU	No pollutants of concern	None	12/19/12	WRF	Yes			Services	Elizabeth Kelly	208-773-4981	2645 E Seltice Way										
A Necessary Luxury Massage With Bridgewater Chiropractic	NIU	No pollutants of concern	None	08/07/13	WRF	Yes			Services	Arlene Jarmelawicz	208-282-1168	640 N Thornton St										
A Place For Kids	NIU	?	Cleaning Supplies	05/07/13	WRF	Yes			Services	Shannon & Tony Vandever	208-457-0103	112 W Ninth Ave										
A Quality Dental Lab	NIU	No pollutants of concern	None	07/29/13	WRF	Yes			Services	Sean Thorp Cdt	208-777-9817	329 N William St										
A To Z Rentals Inc.	NIU	No reasonable potential	None		License	Yes	1/18/2018		Rental-Heavy Equipment	A To Z Rentals And Sales, Inc. Trevor Ketrick, Pres.	509-924-2000	570 N Greensferry Rd	Post Falls	ID	83854	10903 E Sprague Avenue	SpoKane Valley	WA	99206	208-773-8700	8351	624410
A To Z Sewing	NIU	No pollutants of concern	None	01/23/13	WRF	Yes			Services	Carcl Murphy	208-698-2942	615 E South Ave Ste C										
A Touch Of Love Grooming	NIU	?	Shampoo/Cleaning Supply	07/29/13	WRF	Yes			Agri, For, Fish	Jan Yager	208-773-2516	205 E Third Ave										
A&D Fire Sprinklers, Inc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Professional, Scientific, and Technical Services	Gaylen G. Bateman	208-755-2200	4072 E 2nd Ave #B	Post Falls	ID	83854	PO Box 1692	Post Falls	ID	83877	208-755-2200	7361	561310
A&K Lc Dba Hoffman'S Lock & Key	NIU	No pollutants of concern	None	09/16/13	WRF	Yes			Locksmith	James B & Brenda K Cooper	208-777-9045	601 E Seltice Way Ste 103										
A.E.S. Inc.	NIU	No pollutants of concern	None		License	Yes	1/18/2018		Professional, Scientific, and Technical Services	William Amaya	208-640-4288	2350 N Mackenzie Drive	Post Falls	ID	83854	2350 N Mackenzie Drive	Post Falls	ID	83854	208-640-4288	2431	321918
A1 Certified Home Inspections	NIU	No reasonable potential	None	05/16/13	WRF	Yes			Professional, Scientific, and Technical Services	Mike & Kelly Aagesen	208-777-2728	3700 E Covington Ave										
A1 Doctor Tnt Llc	NIU	No pollutants of concern	None	04/09/13	WRF	Yes			Manuf	Bruce & Charlene Weaver	208-777-0308	601 E Seltice Way Ste 101										
Aa Landscape Maintenance, Llc	NIU	No pollutants of concern	None		License	Yes	1/18/2018		Software Consultant/Developer	Aaron Dolly	208-568-8829	1658 Nesqually Avenue	Post Falls	ID	83854	1658 Nesqually Avenue	Post Falls	ID	83854	206-595-8629	8361	623312
Aaesens Millworks Inc	NIU	No pollutants of concern	None	02/06/12	WRF	Yes			Services	Conrad J Berg	208-416-1300	304 N Beckwith St										
Aaging Better In-Home Care	NIU	No reasonable potential	None		License	Yes	1/18/2018		Property Management	Jim Lindsey	208-819-4091	2004 N Sawtooth Drive	Post Falls	ID	83854	PO Box 2684	Post Falls	ID	83877		8999	
Aaron Dolly	NIU	No reasonable potential	None		License	Yes	1/18/2018		Professional, Scientific, and Technical Services	William Benway	208-771-0140	1000 E 3rd Avenue	Post Falls	ID	83854	1000 E 3rd Avenue	Post Falls	ID	83854	208-771-0140	7231	812112
Aberrant De Exhibition Arts	NIU	No reasonable potential	None		License	Yes	1/18/2018		Other Services (except Public Administration)	William Benway	208-771-0140	1000 E 3rd Avenue	Post Falls	ID	83854	1000 E 3rd Avenue	Post Falls	ID	83854	208-771-0140	8351	624410
Above & Beyond Property Management	NIU	No reasonable potential	None		License	Yes	1/18/2018		Construction	Becky Derrney	208-773-9045	601 E Seltice Way Ste 103	Post Falls	ID	83854	208-773-9045	Post Falls	ID	83854	208-640-5207	7299	531130
Above All Sprinklers and More	NIU	No pollutants of concern	None	03/07/13	WRF	Yes			Safety/Health Consulting	Debra Hummel	208-457-9094	1600 E Seltice Way Ste A	Post Falls	ID	83854	775-351-5235	Post Falls	ID	83854	208-625-8561	7299	531130
Absolute Mobile Drug Testing LLC	NIU	?	Bleach, Dental Chemicals	04/16/13	WRF	Yes			Services	Timothy L Gatten & S Ryan Facer	208-262-2620	602 N Calgary Ct Ste 301										
Absolute Quality Construction, Inc.	NIU	No pollutants of concern	None	12/19/13	WRF	Yes			Manuf	John & Keri Spano	208-660-8032	2625 E Seltice Way										
Absolute Safety	NIU	No pollutants of concern	None	05/14/13	WRF	Yes			Services	Sharon Holting	208-777-8023	1804 N Summer Rose St										
Academy Of Cosmetology	NIU	No pollutants of concern	None	05/14/12	WRF	Yes			Retail Trade	Sandy & Nancy Seiright	208-777-5817	1604 E Seltice Way										
Access Endodontic Specialists / Aes Post Falls, Pllc	NIU	No pollutants of concern	None	12/19/13	WRF	Yes			Services	William & Douglas Ramsbottom	208-773-9305	660 N Silkwood Dr										
Accurate Covers	NIU	No reasonable potential	None		License	Yes	1/18/2018		Drafting	Roger J Glessner	208-660-4555	609 N Calgary Court, Suite 7	Post Falls	ID	83854	609 N Calgary Court, Suite 7	Post Falls	ID	83854	208-660-4555	8351	624410
Accurate Management Services	NIU	No pollutants of concern	None	05/01/13	WRF	Yes			Services	Ronald Lee Olson	208-773-1446	1402 N Lincoln St										
Ace Hardware	NIU	No pollutants of concern	None	08/19/13	WRF	Yes			Services	Donald Gross	208-292-2188	1700 E Schmiedmiller Ave										
Ace Janitorial Floors 'N More	NIU	No pollutants of concern	None	03/28/12	WRF	Yes			Services	Tracy Vance	208-457-1540	1125 E Polston Ave Ste A										
Ace Solutions, Llc	NIU	No pollutants of concern	None	09/16/13	WRF	Yes			Const	William Radobenko	208-209-0199	3569 W Seltice Way										
Ace Tax Service	NIU	No pollutants of concern	None	09/20/12	WRF	Yes			Const	Mike & Joyce Iiams	208-773-8000	1045 N Hwy 41										
Aces Community Health Services	NIU	No pollutants of concern	None	05/14/13	WRF	Yes			Services	Robert & Angela Lee	208-777-0850	2671 W Seltice Way										
Aces, Inc Dba Abundant Wellness Center	NIU	No pollutants of concern	None	04/24/13	WRF	Yes			Retail Trade	Vivian L Thiele	208-202-1194	1195 N Kariksu St										
Act Northwest Inc	NIU	No pollutants of concern	None	05/14/13	WRF	Yes			Financial-Payday Loans	Thomas Murphy	208-773-5755	1603 E Seltice Way Ste B	Post Falls	ID	83854	P.O. Box 3058	Spartanburg	SC	29304	208-773-7578	5461	311811
Acme Electric, Inc	NIU	No pollutants of concern	None	08/10/13	WRF	Yes			Retail Trade Wholesale	Ralph Zimmerman	208-777-1111	711 N Dundee Dr										
Action Recovery Services Llc	NIU	?	O&G, Tss	05/11/11	WRF	Yes			Wholesale Trade	Curtis Williams	208-665-7878	6180 E Commerce Lp										
Adorable Desserts	NIU	No reasonable potential	None		License	Yes	1/18/2018		Professional, Scientific, and Technical Services	Mike Yost	509-995-4856	6411 N Perry Spokane WA 99217	Post Falls	ID	83854	PO Box 18495	Spokane	WA	99228	509-995-4856	7299	531130
Advances In Photography	NIU	No pollutants of concern	None																			

Business Name	IU Type ID	Reason*	Pollutants of Concern	Survey Completion Date	Data Source	Eliminated from Survey?	Survey Sent Date	If not returned, actions taken	Business Type	Contact	Phone#	Business Address	Business City	Business State	Business Zip	Mail Address	Mail City	Mail State	Mail Zip	Business Phone	SIC CODE	NAICS CODE
Armstrong Carpet & Upholstery Cleaning	NIU	No reasonable potential			License	Yes	1/18/2018		Other Services (except Public Administration)	Arnold Powell	509-998-8253	3006 N. Distant Star	Post Falls	ID	83854	3006 N. Distant Star	Post Falls	ID	83854	509-998-8253		
Arns	NIU	No pollutants of concern	None	10/17/13	WRF	Yes			Food Processing-Wild Game Services	Casey Lawrence	509-220-8965	5539 E Marina Ct	Post Falls	ID							7389	541350
Art Growhard Property Preservation	NIU	No reasonable potential			License	Yes	1/18/2018		General Construction	Serge Artemenko	916-834-3746	4320 E Hope Avenue	Post Falls	ID	83854	4320 E Hope Avenue	Post Falls	ID	83854	916-834-3746		
Artisan Granite & Tile LLC	NIU	No pollutants of concern	None	08/26/13	WRF	Yes			Construction Services	Anthony K Walton	208-773-9712	2600 E Seltice Way	Post Falls	ID	83854	2615 N Rawhide Ridge Road	Post Falls	ID	83854	801-791-9254	7221	541921
Artisan Portrait & Design	NIU	No reasonable potential			License	Yes	1/18/2018	Resent via mail	Crochet Patterns, Supplies And Dolls Services	Bobbi Wetzer	801-791-9254	2600 E Seltice Way #B	Post Falls	ID	83854	2600 E Seltice Way #B	Post Falls	ID	83854	509-995-5215		
Artistic Gaming, Llc	NIU	No reasonable potential			License	Yes	2/2/2018			Yan Liu	208-667-7511	6075 E Commerce Ln	Post Falls	ID							5261	444220
Asia Massage	NIU	No pollutants of concern	None	08/07/13	WRF	Yes			Retail Trade Services	William J & Barbara Armstrong	208-773-2343	706 W Twelfth Ave	Post Falls	ID	83854	1804 E Strand Avenue	Post Falls	ID	83877		7539	811118
Aspen Landscaping Inc	NIU	No pollutants of concern	None	08/07/13	WRF	Yes			Dish Network Dealer	Robert Rosier	208-773-2122	1804 E Strand Avenue	Post Falls	ID	83854	PO Box 573	Post Falls	ID	83877			
Astro Electric	NIU	No pollutants of concern	None	08/07/13	WRF	Yes			Retail Trade Services	Brett Barna & Erica Chvilicek	208-661-6366	1459 W Yaquina Dr	Post Falls	ID	83854	1459 W Yaquina Drive	Post Falls	ID	83854	208-661-6366	8049	621340
Astrovision, Inc.	NIU	No reasonable potential			License	Yes	1/18/2018		Manufacturer Of Aerospace Parts	Den Jorgenson	208-893-4100	1224 N Lean Street	Post Falls	ID	83854	1224 N Lean Street	Post Falls	ID	83854	509-893-4100		
Asylum Comics and More	NIU	No pollutants of concern	None	08/07/13	WRF	Yes			Services	Jeanine Hitchcock	208-660-8141	3879 W Fifth Ave	Post Falls	ID	83854	211 N Frederick St	Liberty Lake	WA	99019	509-215-6988	5812	722515
At Home Physical Therapy Pc	NIU	No pollutants of concern	None	12/4/2018	WRF	Yes	1/18/2018		Retail-Security Lighting Services	Sean Stiller And Scott Shagool	509-215-6988	211 N Frederick St	Post Falls	ID	83854	PO Box 429	Liberty Lake	WA	99019	509-215-6988		
ATC Manufacturing	NIU	No pollutants of concern	None	10/29/13	WRF	Yes			Services	Sandy Daniel	208-773-7731	1596 E Seltice Way	Post Falls	ID							8742	541611
Atomic Java	NIU	No pollutants of concern	None	08/06/13	WRF	Yes			Services	Jerry L & Fran Ausburn	208-773-3789	109 E Tenth Ave	Post Falls	ID							7538	811111
Ats Group Inc	NIU	No pollutants of concern	None	07/29/13	WRF	Yes			Retail Trade	Bill Funk	208-457-9787	120 W Seltice Way 115 & 120	Post Falls	ID							5521	441120
Auburn Crest Hospice	NIU	No pollutants of concern	None	07/18/13	WRF	Yes			Professional, Scientific, and Technical Services													
Ausburn Auto Repair	NIU	No pollutants of concern	None	01/30/13	WRF	Yes			Services	William C Robinson	208-777-7062	4253 E Third Ave Ste B	Post Falls	ID							7538	811111
Auto Credit	NIU	No pollutants of concern	None	10/29/13	WRF	Yes			Services	Ronald P Skarisky	509-924-3063	2355 W Seltice Way	Post Falls	ID							7538	522110
Auto Trackers and Recovery North	NIU	No pollutants of concern	None	10/29/13	WRF	Yes			Auto Sales/Service	Douglas Johnson	208-651-5900	516 E 3rd Street	Post Falls	ID	83854	516 E 3rd Street	Post Falls	ID	83854	208-773-2277		
Automotive Excellence	NIU	No pollutants of concern	None	03/27/13	WRF	Yes	1/18/2018	Left message	Retail Trade	Auren Harey	28-773-2300	317 E Seltice Way	Post Falls	ID							5531	441310
Automotive Valve Service	NIU	No pollutants of concern	None	10/03/13	WRF	Yes			Services	Jason Harris	208-964-3436	1679 W Neesqually Ave	Post Falls	ID							7812	512110
Autosport Northwest	NIU	No pollutants of concern	None	10/11/13	WRF	Yes			Fin, Ins, Re	Ronnie K Warrington	208-773-8839	55 N Cedar St Ste 205	Post Falls	ID							6531	
Autozone #3701	NIU	No pollutants of concern	None	06/11/13	WRF	Yes			Retail Trade Manuf	Mindy Hatcher	208-777-7300	2700 E Seltice Way Ste 8	Post Falls	ID							5999	3479
Av Integrators	NIU	No pollutants of concern	None	06/11/13	License	Yes	1/18/2018	Left message	Concrete Finisher	Brian Sterling	208-773-3169	700 W 14th Avenue	Post Falls	ID	83854	700 W 14th Avenue	Post Falls	ID	83854	208-771-3169		
Available Rentals	NIU	No pollutants of concern	None	05/14/13	License	Yes	1/18/2018	Left message	Sales Essential Oils	Christine Kirby	208-660-1057	440 S Ester Place	Post Falls	ID	83854	208-660-1057	Post Falls	ID	83854	208-660-1057		
Awards Etc	NIU	No pollutants of concern	None	10/01/13	WRF	Yes			Childcare	Rayna Cook	208-640-4120	710 W Mullan Ave #C	Post Falls	ID	83854	710 W Mullan Ave #C	Post Falls	ID	83854	208-640-4120		
B & S Concrete	NIU	No pollutants of concern	None	05/25/12	WRF	Yes			Retail Trade Services	K Tina Swanson	208-773-4818	212 E Seltice Way	Post Falls	ID							5813	722410
Baby Bear Daycare	NIU	No pollutants of concern	None	05/14/13	WRF	Yes			Services	Hildreth Arletta Guilford	208-457-7188	501 S Global Ct	Post Falls	ID							7219	811490
B21 Club Llc Dba Bob'S 21 Club	NIU	No pollutants of concern	None	05/14/13	WRF	Yes			Retail Trade	Lee Badger	208-773-1848	2813 E Seltice Way	Post Falls	ID							5211	444110
Back 2 Basics Sewing & Ironing Services	NIU	No pollutants of concern	None	09/05/13	WRF	Yes			Other Services (except Public Administration)													
Badger Building Center	NIU	No pollutants of concern	None	11/08/13	WRF	Yes			Fin, Ins, Re	Kylie Trout	208-773-4591	804 N Henry St	Post Falls	ID							6022	522110
Bammy's Nails & Beauty	NIU	No pollutants of concern	None	11/08/13	WRF	Yes			Const	William & Christina Haines	208-691-8742	3301 N Radiant Star Rd	Post Falls	ID							1794	238910
Bank Of America	NIU	No reasonable potential			License	Yes	1/18/2018		Nutrition/Fitness Coaching	Tosha Stafford	509-868-5887	913 E Glacier Peak Drive	Post Falls	ID	83854	913 E Glacier Peak Drive	Post Falls	ID	83854	509-868-5887		
Bare Concrete & Construction, Inc	NIU	No pollutants of concern	None	06/11/13	WRF	Yes	1/18/2018		Manuf	Walter Pytewski	208-765-3187	5171 E Seltice Way	Post Falls	ID	83854	913 E Glacier Peak Drive	Post Falls	ID	83854	509-868-5887	3423	5211
Barl-Fit, Llc	NIU	No pollutants of concern	None	06/11/13	License	Yes	1/18/2018		Retail, Emergency Supplies	Robert Zender	208-970-1129	4436 W Riverbend Avenue	Post Falls	ID	83854	PO Box 142	Salmon	ID	83467	208-981-1114		
Barwell, Inc	NIU	No pollutants of concern	None	06/11/13	License	Yes	1/18/2018		Professional, Scientific, and Technical Services	Rhea Skinner	208-771-0598	402 W Thirteenth Ave	Post Falls	ID							8811	814110
Base Camp Post Falls	NIU	No pollutants of concern	None	06/11/13	WRF	Yes			Services													
Base Two Solutions LLC	NIU	No pollutants of concern	None	06/24/13	WRF	Yes			Const	Tim Short	208-262-4242	307 N Lincoln St Ste A	Post Falls	ID							1541	1521
Basic Kneads Llc	NIU	No pollutants of concern	None	05/03/13	WRF	Yes			Services	Jerry Hart	208-773-9296	355 S Bay St	Post Falls	ID							7299	531130
Basso, Llc	NIU	No pollutants of concern	None	05/03/13	WRF	Yes			Services	Terry Pfl	208-773-9728	650 N Idalinea Rd	Post Falls	ID								
Bay Street Storage	NIU	No pollutants of concern	None	05/03/13	WRF	Yes			Agriculture, Forestry, Fishing and Hunting													
Baylee'S Rock River Storage	NIU	No pollutants of concern	None	05/03/13	WRF	Yes			Tanning	Rebecca Stassel / Beach Bunnies Llc	208-777-9642	780 N Cecil Road, #103	Post Falls	ID	83854	780 N Cecil Road, #103	Post Falls	ID	83854	208-777-9642		
BC Lawn Care & Maintenance Plus	NIU	No reasonable potential			License	Yes	1/18/2018		Esthetics	Sandy Bradbury	509-710-9804	3900 E 10th Ave Ste A	Post Falls	ID	83854	3900 E 10th Avenue, Suite A	Post Falls	ID	83854	509-710-9804		
Beach Bunnies Tanning	NIU	No reasonable potential			License	Yes	1/18/2018		Bakery	Katy Bean	253-228-8988	2113 N Walnut Street	Post Falls	ID	83854	2113 N Walnut Street	Post Falls	ID	83854	253-228-8988		
Beam	NIU	No pollutants of concern	None	06/07/13	WRF	Yes			Retail Trade	Rebekah L Marshall	208-964-3097	1718 N Quail Run Blvd	Post Falls	ID							5461	344811
Bean & Pie, Llc	NIU	No pollutants of concern	None	07/29/13	WRF	Yes			Retail Trade	Stacey & Brett Beaugrand	208-262-1440	3786 N Alfalfa Ln	Post Falls	ID							5963	722320
Bear Paw Bakery	NIU	No pollutants of concern	None	12/05/13	WRF	Yes			Other Services (except Public Administration)													
Beau Diddley'S Traveling Bbq	NIU	No pollutants of concern	None	12/05/13	WRF	Yes			Services	Kip Clark & Rob Clark	208-457-8880	3398 E Jenalan Ave	Post Falls	ID							7261	812210
Beards Wax	NIU	No pollutants of concern	None	12/13/11	WRF	Yes			Professional, Scientific, and Technical Services													
Bell Tower Funeral Home & Crematory	MIU	No pollutants of concern	None	09/17/13	WRF	Yes			Toggs	Sharon Ponder	208-777-9955	3000 E Seltice Way Ste 218	Post Falls	ID							4213	484121
Bendall Law Firm	NIU	No pollutants of concern	None	06/12/13	WRF	Yes			Retail Trade	Stephanie Brodwater	208-773-7506	740 N Cnd Rd Ste 104	Post Falls	ID							5932	453310
Bennett Motor Express Llc	NIU	No pollutants of concern	None	06/12/13	WRF	Yes			Retail Trade	Wei-Jyh Wu	208-773-0300	105 W Seltice Way	Post Falls	ID							5399	445120
Benson Enterprises, Llc Dba Trader Tots	NIU	No reasonable potential			License	Yes	1/18/2018		Professional, Scientific, and Technical Services	Felicia Antin	208-371-2497	55 N Cedar Street	Post Falls	ID	83854	4710 N Ella Road	Spokane	WA	99212	208-371-2497		
Best Food	NIU	No reasonable potential			License	Yes	1/18/2018		Restoration	Bethany Roome	208-818-0866	109 W 10th Avenue	Post Falls	ID	83854	109 W 10th Avenue	Post Falls	ID	83854			
Best Restoration Inc. Dba Rainbow International Of Cda	NIU	No pollutants of concern	None	05/07/13	WRF	Yes			Baby Sitting	Dennis Shaffer	208-777-4049	447 N Bay St	Post Falls	ID							5541	445120
Bethany Roome	NIU	No pollutants of concern	None	01/29/14	WRF	Yes			Retail Trade	Brad Fickett	208-773-4176	1442 W Seltice Way	Post Falls	ID							8351	624410
Beverage Barn Drive-Thru	NIU	No pollutants of concern	None	07/11/12	WRF	Yes			Services	Catherine & Timothy Riorden	208-457-8465	700 E Eighth Ave	Post Falls	ID							5812	722513
Bev'S Busy Bees Daycare	NIU	No pollutants of concern	None	07/09/13	WRF	Yes			Retail Trade													
Big Bear Deli, Llc	NIU	No pollutants of concern	None	04/02/13	WRF	Yes			Accommodation and Food Services	Claudia D Moberg	208-777-3151	601 E Seltice Way Ste 203	Post Falls	ID							8721	7291
Big Belly Park Daddy's	NIU	No pollutants of concern	None	06/04/13	WRF	Yes																

Business Name	IU Type	Reason*	Pollutants of Concern	Survey Completion Date	Data Source	Eliminated from Survey?	Survey Sent Date	If not returned, actions taken	Business Type	Contact	Phone#	Business Address	Business City	Business State	Business Zip	Mail Address	Mail City	Mail State	Mail Zip	Business Phone	SIC CODE	NAICS CODE
Captured Expressions Taxidermy	NIU	No pollutants of concern	None	1/24/2018	License	Yes	1/18/2018		Taxidermy	Sean West	208-659-6982	1036 Innovation Way	Post Falls	ID	83854	1036 Innovation Way	Post Falls	ID	83854	208-659-6982	1141142	
Car Wash Plaza, Inc	NIU	?	Cleaning Solvents	12/11/13	WRF	Yes			Services	John Hansen & Barbara Chisholm	660-7545	910 N Hwy 41								7542	811192	
Carbonated Solutions Of North Idaho	NIU	?	Cleaners	11/15/13	WRF	Yes			Services	Eric Forsstrom & Kristine Smith	208-771-1103	1299 N Willamette Dr								7217	561740, 561720	
Cardiac Institute Pc	NIU	No pollutants of concern	None	02/12/13	WRF	Yes			Services	Romeo S Pawlic	509-838-2676	750 N Virginia St Ste 203								8011	621111	
Cards By Paula	NIU	No reasonable potential	None		License	Yes	1/18/2018		Designer Cards And Art	Paula Wilkinson	208-262-9438	4930 E Inverness Dr	Post Falls	ID	83854		Post Falls	ID	83854	208-262-9438		
Cargile Enterprises, Llc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Vehicle Leasing	Jessica L Cargile	509-847-4445	3110 N Stagecoach Drive	Post Falls	ID	83854	3110 N Stagecoach Drive	Post Falls	ID	83854	509-847-4445		
Carnation Rebekah Lodge #95	NIU	No pollutants of concern	None	05/03/13	WRF	Yes			Services	Barbara Frazey	208-773-4940	200 E Railroad Ave								8641	813410	
CCT Goods									Other Services (except Public Administration)													
CDA Climbing School									Arts, Entertainment, and Recreation													
Cda Cores	NIU	No pollutants of concern	None	03/14/13	WRF	Yes			Retail Trade	Cade Gillhan	208-773-2289	745 N Idahlne Rd								5015	441310	
Cem Lifts Inc	NIU	?	Sales & Service Of Lifts	06/27/13	WRF	Yes			Services	Chris Sprinkle	208-773-3331	560 N Greensferry Rd								1796 7699		
Center For Awareness	NIU	No pollutants of concern	None	06/05/12	WRF	Yes			Services	Ed Deatherage	208-773-6791	601 E Seltice Way Ste 209								8322	621330	
Center Partners Inc	NIU	No pollutants of concern	None	04/30/13	WRF	Yes			Services	Gordon Jones	970-206-9000	794 S Clearwater Lp								7389	561422	
Center Target Sports	NIU	No pollutants of concern	None	06/10/13	WRF	Yes			Services	Edward M & Peggy Brock Santos	208-773-2331	3295 E Mullan Ave								71999	719990	
Century Publishing Co. Inc	MIU	No pollutants of concern	None	08/09/13	WRF	Yes			Manuf	David Risdon & Craig Rogers	208-765-6300	5710 E Seltice Way								2759	323119	
Chadco Northwest, Inc	NIU	No pollutants of concern	None	07/18/13	WRF	Yes			Services	Bryan Chadwick	208-762-3900	570 S Clearwater Lp Ste B								7361	561310	
Charlotte Gardunia Photography	NIU	No reasonable potential	None		License	Yes	1/18/2018		Photography	Charlotte Gardunia	208-351-9432	4789 E Alpine Drive	Post Falls	ID	83854	4789 E Alpine Drive	Post Falls	ID	83854	208-351-9432		
Chateau Construction	NIU	No pollutants of concern	None	04/02/13	WRF	Yes			Const	Tyler Vranich	208-600-5004	4484 E Camasback Ave								1751	238350	
Chazz Creations	NIU	No pollutants of concern	None	03/15/13	WRF	Yes			Services	Charles Meon	208-777-8155	303 E Thirtieth Ave								7336	541430	
Check N Go	NIU	No pollutants of concern	None	06/12/13	WRF	Yes			Fin, Ins, Re	Edward Crosby	208-773-6228	740 N Cecil Rd Ste 114								6099	522298	
Chef'S Classic Of North Idaho	NIU	No pollutants of concern	None	01/10/13	WRF	Yes			Retail Trade	Zeno Cohen	208-262-9242	2302 N Lincoln St								5963	454390	
Chek Painting, Llc	NIU	No pollutants of concern	None	03/26/10	WRF	Yes			Day Care	Sergey Cheketa	208-777-8322	820 S Majestic View Dr								1721		
Chelsea'S Cuddy Cubs	NIU	No reasonable potential	None		License	Yes	1/18/2018		Day Care	Chelsea Clark	406-599-7677	4638 W Palmwood Lane	Post Falls	ID	83854	4838 W Palmwood Lane	Post Falls	ID	83854	7217	561740	
Chem Dry Of Coeur D'Alene	NIU	?	Carpet & Floor Cleaning Products	11/06/13	WRF	Yes			Services	Marlene Moore	208-774-1118	3680 E Covington Ave Ste 1								5812	722513	
Cherix Dba Little Caesars	NIU	?	Fogs/Phos	01/11/13	WRF	Yes			Retail Trade	Zane Q Mugleston	208-773-6659	1790 E Seltice Way								5812	722513	
Chiropractic Health	NIU	No pollutants of concern	None	09/11/12	WRF	Yes			Services	Mary Jo White, Dc Pa	208-777-2884	606 N Spokane St								8041	813110	
Choice Investors Group									Accommodation and Food Services													
Christian Character Builders	NIU	No reasonable potential	None		License	Yes	1/18/2018		Church	Lou Zebedeo	208-215-1186	430 E Tiger Ave	Post Falls	ID	83854		Post Falls	ID	83854	208-215-1186		
Christian Construction Llc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Painting & Drywall	Jesse Williamson	208-699-1604	1826 Rainier Drive	Post Falls	ID	83854		Post Falls	ID	83854	208-699-1604		
Church Of The Nazarene	NIU	No pollutants of concern	None	07/09/13	WRF	Yes			Services	Pastor Mark Mowharter	208-773-4621	308 W Twelfth Ave								8661	813110	
Dimmaron Property	NIU	No pollutants of concern	None	11/04/13	WRF	Yes			Fin, Ins, Re	Claire Ierley	208-777-1529	4261 E Weatherby Ave								6531	531312	
Circle Of Care / Family Support Services / A Developing Mind Montessori School	NIU	?	Cleaning Supplies	09/06/13	WRF	Yes			Services	Jodi Smith & Pascale Cafferty	208-777-1600	3755 E Covington Avenue	Post Falls	ID	83854		Post Falls	ID	83854	208-777-1600	8299	611110
Cityblocks.Com	NIU	No reasonable potential	None		License	Yes	1/18/2018		Online Retail	Richard C Tucker	208-262-4527	904 E 1st Ave	Post Falls	ID	83854		Post Falls	ID	83854	208-262-4527		
CIS Towing And Recovery	NIU	No reasonable potential	None	03/05/13	WRF	Yes			Services	Jay Retter	208-704-6213	55 N Cedar St Yard #2								7549	488410	
Clampet Excavation Llc	NIU	No pollutants of concern	None	04/02/13	WRF	Yes			Const	Jim Clampet	208-773-1879	720 E Ninth Ave								1794	238910	
Classic Truck Wash	NIU	?	Detergents	03/07/13	WRF	Yes			Services	Inderjit Singh	208-773-2121	3875 W Fifth Ave								7542	81192	
Classic Vacations	NIU	No pollutants of concern	None	09/05/13	WRF	Yes			Trags	Joy Vogel	208-777-9105	570 S Clearwater Lp Ste 2								8742	541613	
Classical Baby Academy	NIU	No reasonable potential	None		License	Yes	1/18/2018		Day Care	Tamera J Duncan	208-699-7168	2662 N Mackenzie Drive	Post Falls	ID	83854		Post Falls	ID	83854	208-699-7168		
Cic Idaho, Llc Post Falls - Taco Bell 19676	NIU	FOG		12/23/2018	License	Yes	1/18/2018		Restaurant/Mexican	Gary Kline	406-543-4558	1785 E Covington Ave	Post Falls	ID	83854		Post Falls	ID	83854	208-773-8308	722513	
Cic Post Falls - A&W	NIU	?	Fog / Phos	06/25/13	WRF	Yes			Retail Trade	Craig Langel	208-773-3534	325 N Ross Point Rd								5812	722511	
Cic Post Falls - Kfc	NIU	?	Fog / Phos	06/25/13	WRF	Yes			Retail Trade	Craig Langel	208-773-3534	325 N Ross Point Rd								5812	722511	
Clean Lines Painting	NIU	No reasonable potential	None		License	Yes	1/18/2018		Painting	Donald Peterson	208-704-4233	3084 N Durrow Loop	Post Falls	ID	83854		Post Falls	ID	83854	208-704-4233		
Clean Rite Of Post Falls	NIU	No pollutants of concern	None	05/07/13	WRF	Yes			Services	Tom Priel	208-457-3285	2497 W Beth Lp								7217	561720	
Cloud Vapor Sales	NIU	No reasonable potential	None		License	Yes	1/18/2018		Vapor E-Cigs	Annelle Desjardins	208-446-6381	2700 E Seltice Way #14	Post Falls	ID	83854		Post Falls	ID	83877	208-819-6201		
Club Tan Post Falls	NIU	No pollutants of concern	Tanning Lotion	07/30/13	WRF	Yes			Services	Tracie Lyn Cawley	208-457-9700	900 N Hwy 41 Ste 9								7299	812199	
Club Tequila	NIU	No pollutants of concern	Cleaners, Oils & Grease	05/13/13	WRF	Yes			Retail Trade	Felix Cabrera	208-773-7753	402 E Seltice Way								5813	722410	
Clutches Plus Of Idaho Ltd	NIU	?	Cleaners, Oils & Grease	09/06/13	WRF	Yes			Services	Bernie Kramp	208-773-1630	3520 W Seltice Way								7537	811113	
Cmec, Inc	NIU	No pollutants of concern	None	11/04/13	WRF	Yes			Const	William Welch	208-773-5226	1101 W Grange Ave								8741	231115	
Cms Construction Llc	NIU	No pollutants of concern	None	03/28/13	WRF	Yes			Const	Michael J Nutt, Jr	208-703-9281	1102 N Covington Ave								1751	238350	
Cn Diesel Llc	NIU	No pollutants of concern	None	10/22/13	WRF	Yes			Services	Nick Bowlin	208-755-7810	2869 E Seltice Way								7538	811111	
Coeur D' Alene Core	License	No reasonable potential	None		License	Yes	1/18/2018		Vehicle-Parts	Craig A Gillhan	208-818-3554	745 N Idahlne Rd	Post Falls	ID	83854		Post Falls	ID	83854	208-773-2289		
Coeur D'Alene Pediatrics	NIU	No pollutants of concern	None	06/10/13	WRF	Yes			Services	Terence Neff, Md; Thomas Rau, Md	208-777-1330	1300 E Mullan Ave Ste								8011	621111	
Coeur D'Alene RV Resort	NIU	No pollutants of concern	None	06/11/13	WRF	Yes			Fin, Ins, Re Retail Trade	Brad Downey	208-773-3527	2652 E Mullan Ave								6515 5541	621111	447110
Coffee Crafters, LLC	NIU	?	Gasoline	08/13/13	WRF	Yes			Retail Trade	Michael Colby	208-457-3273	3904 E Mullan Ave Ste H								5099	451120	
Colonic Wellness	NIU	No pollutants of concern	None	05/07/13	WRF	Yes			Retail Trade	Robert S Coleman	208-799-2000	3160 E Seltice Way								5541	447190	
Colonic Wellness	NIU	No pollutants of concern	None	10/11/13	WRF	Yes			Services	Colonic Wellness	760-294-1070	312 E Fifth Ave								8093	621498	
Columbia Bank	NIU	No reasonable potential	None		License	Yes	1/18/2018		Bank	Columbia Bank	208-263-0505	3235 E Mullan Avenue	Post Falls	ID	83854		Post Falls	ID	83877	208-773-9993		
Comfort Heating & Air, Inc	NIU	No pollutants of concern	None	06/04/13	WRF	Yes			Const	Gary Frisbe	208-773-9228	3620 E Covington Ave								1711	238220	
Comfort Inn Post Falls	NIU	?	Cleaning & Laundry	03/07/13	WRF	Yes			Services	Sanjeev Amin	208-773-8900	3175 E Seltice Way								7011	721110	
Comfort Medical, Llc	NIU	No pollutants of concern	None	07/09/13	WRF	Yes			Retail Trade	Cory R Thurlow	208-819-0387	111 N Spencer St								5999	446199	
Command Center Inc	NIU	No pollutants of concern	None	05/22/12	WRF	Yes			Services	Judi Kabrick	208-773-7450	3773 W Fifth Ave Unit 311								7361	561310	
Common-Sense Solutions LLC									Professional, Scientific, and Technical Services													
Community 1st Bank	NIU	No pollutants of concern	None	06/18/13	WRF	Yes			Fin, Ins, Re	David Bobbitt - Jerry Lyon	208-457-9610	707 N Post St								6022	522110	

Business Name	IU Type ID	Reason*	Pollutants of Concern	Survey Completion Date	Data Source	Eliminated from Survey?	Survey Sent Date	If not returned, actions taken	Business Type	Contact	Phone#	Business Address	Business City	Business State	Business Zip	Mail Address	Mail City	Mail State	Mail Zip	Business Phone	SIC CODE	NAICS CODE			
Device Rehab									Professional, Scientific, and Technical Services																
Dezignz	NIU	No pollutants of concern	None	11/12/13	WRF	Yes			Services	Dustin Baze	208-660-6397	100 S Idaho St									7389	541410			
Do Food Services Llc Dba Donut Dupout	NIU	?	Fogs	10/10/13	WRF	Yes			Retail Trade	Kellie & Dennis Gross	208-777-9000	1603 E Seltice Way Ste C									5461	311811			
Diamond Detail	NIU	No pollutants of concern	None	04/26/13	WRF	Yes			Services	Spencer Stainer	406-599-1158	2625 E Seltice Way									7542	811121			
Diamond Line Delivery Systems	NIU	No reasonable potential	None		WRF	Yes	1/18/2018		Trucking Company	Diamond Line Delivery Escp Trust	866-933-8733	6423 W Intermdy Way #4	Post Falls	ID	83854	PO Box 938	Meridian	ID	83680	509-534-1092					
Dickinson Insurance & Financial Services	NIU	No pollutants of concern	None	10/01/13	WRF	Yes			Fin, Ins, Re	James E. Dickinson	208-773-0504	609 N Sryngas St Ste A										6411	524210		
Diesel Connection Llc	License	No pollutants of concern	None	1/31/2018	License	Yes	1/18/2018		Diesel Engine Repair/Service	Naomi Smith	208-818-2959	3128 W Seltice Way, Suite C	Post Falls	ID	83854	3128 W Seltice Way, Suite C	Post Falls	ID	83854	208-818-2959			811111, 811191		
Dipped Painting									Professional, Scientific, and Technical Services																
Dine Health Centers Inc (Dba Heritage Health)	NIU	No reasonable potential	None		License	Yes	1/18/2018		Healthcare Provider	Matt Davis	208-625-8996	925 E Polston Avenue	Post Falls	ID	83854	PO Box 3648	Coeur d'Alene	ID	83816	208-618-0787			7349	561720	
Dirt Deeds Construction Cleanup	NIU	No pollutants of concern	None	10/10/13	WRF	Yes			Services	Ginger Hineslea	208-777-8966	1839 E Wagon Trl													
Disability Action Center - Nw, Inc.	NIU	No reasonable potential	None		License	Yes	1/18/2018		Advocacy (Non-Profit)	Mark Leeper	208-883-0523	3726 E Mullan Avenue	Post Falls	ID	83854	505 N Main Street	Moscow	ID	83843	208-664-9896					
Discovery Zone Children'S Center Inc.	License	No reasonable potential	None		License	Yes	1/18/2018		Day Care	Sarah Bouvier	509-953-5339	2739 W Seltice Way	Post Falls	ID	83854	2739 W Seltice Way	Post Falls	ID	83854						
Discovery Zone Infants And Toddlers	NIU	No reasonable potential	None		License	Yes	1/18/2018		Day Care	Sarah Bouvier	509-953-5339	1596 E Seltice Way	Post Falls	ID	83854	7526 E Bigelow Gulch Road	Spokane	WA	99217	208-777-7713					
Diversified Development Llc Dba Mangia Catering	NIU	No reasonable potential	None		License	Yes	1/18/2018		Catering	Tim Mitchell	208-819-4501	3591 E 3rd Ave Ste 102	Post Falls	ID	83854	PO Box 1167	Post Falls	ID	83877	208-819-4501			1721	238320	
DJ Enterprises	NIU	No pollutants of concern	None	03/21/13	WRF	Yes			Const	Jane Over Bust	208-777-0752	503 E Nineteenth Ave													
DJ Hart Llc Dba Post Falls French Cleaners	NIU	?		09/23/13	WRF	Yes			Services	David L Hart	208-777-8121	102 E Fourth Ave													
D-Macs	NIU	No reasonable potential	None		License	Yes	1/18/2018		Food Trailer	Matthew Isom	509-290-7122	2932 N Radiant Star Road	Post Falls	ID	83854	2932 N Radiant Star Road	Post Falls	ID	83854	509-290-7122			7216	812320	
Dng Designs Ltd	NIU	No reasonable potential	None		License	Yes	1/18/2018		Signs	John Mitchell	208-661-1970	3635 E Covington #C	Post Falls	ID	83854	3635 E Covington #C	Post Falls	ID	83854	208-661-1970					
Do So PIZZA, Inc Dba Little Caesar'S	NIU	No pollutants of concern	Fogs	2/12/2018	License	Yes	1/18/2018		Restaurant-Pizza	David Olsen	509-385-8060	1790 E Seltice Way	Post Falls	ID	83854	3811 E Queen Ave Suite B	Spokane	WA	99217	208-773-6659			5963	722513, 238290	
Dodd Flexible Connector Inc	NIU	No pollutants of concern	None	02/07/14	WRF	Yes			Agri, For & Fish	William & Noreen Dodd	208-773-7443	1659 W Polo Green Ave													
Dog House Grooming	NIU	?	Grooming Supplies	07/09/13	WRF	Yes			Agri, For, Fish	Ann L Quick	208-777-9888	830 N Spokane St C													
Dog Watch Of The Inland Northwest Llc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Underground Dog Fences	Christopher Chatham's/Chelsie Chatham's	208-660-4095	1820 N Willamette Drive	Post Falls	ID	83854	1820 N Willamette Drive	Post Falls	ID	83854	208-660-4095			752	812910	
Do-It-Rite Corp	NIU	?	Antifreeze, Trans & Brake Fluid, Motor Oil	06/24/13	WRF	Yes			Services	Bill & Patty Matthews	208-773-0676	413 E Third Ave													
Dollar Tree #2477	NIU	No pollutants of concern	None	12/05/13	WRF	Yes			Retail Trade	Karl Naton	208-773-8920	740 N Cecil Rd Ste 13													
Doma Coffee Roasting Company	NIU	No pollutants of concern	None	02/28/13	WRF	Yes			Manuf., Retail Trade	Terry & Rebecca Patano	208-667-1267	6240 E Seltice Way Ste A													
Dominos Pizza	NIU	?	Fog	08/28/13	WRF	Yes			Manuf., Retail Trade	Melissa Hightower	208-457-1216	112 E Seltice Way													
Douq Meleod	NIU	No pollutants of concern	None	02/03/12	WRF	Yes			Tcoqs	Doug Mcleod	208-215-6572	309 W Twenty-Third Ave													
Dougherty & Associates, Cpas	NIU	No pollutants of concern	None	06/10/13	WRF	Yes			Services	William P Dougherty	208-773-7551	832 N Lincoln St													
Down From The Attic	NIU	No pollutants of concern	None	05/21/13	WRF	Yes			Retail Trade	William P Dougherty	208-512-7882	2700 E Seltice Way Ste 1													
Dr Decks And Remodeling Services	NIU	No pollutants of concern	None	1/24/2018	License	Yes	1/18/2018		Handyman	David Roes	907-351-4034	1624 E Tualatin Drive	Post Falls	ID	83854	1624 E Tualatin Drive	Post Falls	ID	83854	208-262-9953			238	8742	541330
Dr Jim Park & Associates	NIU	No pollutants of concern	None	07/09/13	WRF	Yes			Services	James Park	208-755-3270	5400 E Woodland Dr													
Dr Bryan Mclelland Dds, Pa	NIU	No reasonable potential	None		License	Yes	1/18/2018		Oral & Facial Surgery	Dr. Bryan Mclelland Dds	509-939-7684	602 Calgary Court, Suite 202	Post Falls	ID	83854	621 N Knudson	Liberty Lake	WA	99019	509-922-2273			8021	621210	
Dr. Michael Boehm Family Dentistry	NIU	?	Cleaners	06/11/13	WRF	Yes			Services	Dr. Michael Boehm	208-773-5505	1280 E Polston Ave													
Dr. Toby Ficklin Chiropractic & Sports Therapy	NIU	?	X-Ray Developer & Fixer	06/27/13	WRF	Yes			Services	Dr Toby Ficklin	208-777-0357	601 E Seltice Way Ste 110													
Dream Pearls Treasures									Other Services (except Public Administration)																
Dry Box Inc									Accommodation and Food Services																
Dsi Post Falls, Llc Dba Us Renal Care Post Falls Dialysis	NIU	No pollutants of concern	None	2/26/2018	License	Yes	1/18/2018		Other Services (except Public Administration)	Hannah Pritchett - Tech	208-618-5164	920 N Highway 41 Suite 3	Post Falls	ID	83854	PO Box 291549	Plano	TX	75025	208-618-5164			8,828,011		
Duane'S Dirt Work	NIU	No pollutants of concern	None	07/18/11	WRF	Yes			Agri, For & Fish	Dsi Post Falls, Llc	208-667-5884	2753 Cranston Ct													
Durfor Pest Control									Professional, Scientific, and Technical Services																
Duncan Marine	NIU	?	Oils	05/16/13	WRF	Yes			Services	Kraig & Melinda Duncan	208-773-2614	1094 N Moquire Rd													
DuPont Construction Inc.									Construction																
Durable Imaging	NIU	No pollutants of concern	None	09/05/13	WRF	Yes	1/18/2018		Manuf	Joseph Heath	208-777-9761	2045 W Polo Green Ave	Post Falls	ID	83854	3303 W Apricot Road	Coeur d'Alene	ID	83815	541-761-2979			3479	339911	
Dutch Bros Coffee	NIU	No reasonable potential	None		License	Yes	1/18/2018		Coffee Stand	Jeff Or Brandt Bulter	541-761-2979	3782 E Mullan Avenue													
Dutch Renovations									Construction																
Dynamic Details	NIU	No pollutants of concern	None	04/17/13	WRF	Yes			Services	Ryan Bartlett	208-704-5041	5070 E Seltice Way													
E Cabins	NIU	No pollutants of concern	None	03/11/13	WRF	Yes			Retail Trade	Phil Tribuzio	425-315-6400	2004 N Post St													
E.K. Wholesale	NIU	No reasonable potential	None		License	Yes	1/18/2018		Purchasing Agent	Eddie Fedele	208-691-6423	320 E Tiger Avenue	Post Falls	ID	83854	2600 A E Seltice Way #154	Post Falls	ID	83854	208-691-6423			5963	454390	
East Thiel Italian Ice									Accommodation and Food Services																
Eby Tree Service LLC									Professional, Scientific, and Technical Services																
Ecoatm, Inc.	NIU	No reasonable potential	None	2/26/2018	License	Yes	1/18/2018		E Recycling	Ecoatm, Inc.	858-766-7235	3050 E Mullan Avenue	Post Falls	ID	83854	10121 Barnes Canyon Road	San Diego	CA	92121	858-766-7235			441120		
Eccom Llc Dba Cd'A Wheels	NIU	No pollutants of concern	None	07/09/13	WRF	Yes			Car Sales	Michael E Gill	208-304-0785	5180 E Seltice Way, Suite C	Post Falls	ID	83854	PO Box 2222	Coeur d'Alene	ID	83816	208-777-4453				441120	
Ednetics Inc	NIU	No pollutants of concern	None	08/16/13	WRF	Yes			Services	Shawn Swanby	208-777-4709	971 S Clearwater Lp													
Edward Jones	NIU	No pollutants of concern	None	08/16/13	WRF	Yes			Fin, Ins Re	Peter Fitzmeyer	208-773-3268	1810 E Schmedmiller Ave Ste 210	Post Falls	ID	83854	PO Box 66526 - 07446	St Louis	MO	63166-62	208-773-3268			6211	523110	
Edward'S Jewelry And Loan	NIU	No pollutants of concern	None	02/21/13	WRF	Yes			Retail Trade Services	Clint Schorzman	208-773-1500 208-773-3860	502 E Seltice Way													
EJH Network, LLC									Retail Trade																
Elaine'S Bits	NIU	No pollutants of concern	None	10/01/13	WRF	Yes			Retail Trade	Elaine Baker	208-777-9701	380 N Promenade Lp Unit 108													
Element Hair & Nail Salon	NIU	No pollutants of concern	None	09/06/12	WRF	Yes			Services	Brenna Davis	208-773-1408	2700 E Seltice Way Ste 6													
Elite Cajun Foods, Llc Dba Popeye'S Louisiana Kitchen	NIU	?	Household Cleaners	02/12/13	WRF	Yes	1/18/2018	Emailed survey	Restaurant	Charanjiv Dhalwal	925-446-6806	767 N Neulife Lane	Post Falls	ID	83854	2190 Meridian Park Blvd, Suite G	Concord	CA	94520	925-446-6806			7349	561720	
Elizabeth'S Residential Cleaning	NIU	?	Household Cleaners	02/12/13	WRF	Yes	1/18/2018	Updated address, remail	Services	Michael & Elizabeth Bourgard	208-449-2097	558 N Elm Rd													
Elsa'S Paw Dog Grooming	NIU	?			License	Yes	1/29/2018	Updated address, remail	Dog Grooming	Julie Blume	208-416-7215	830 N Spokane Street	Post Falls	ID	83854	830 N Spokane Street	Post Falls	ID	83854	208-777-9988					
Elusive Creatures Taxidermy	NIU</																								

Business Name	IU Type	Reason*	Pollutants of Concern	Survey Completion Date	Data Source	Eliminated from Survey?	Survey Sent Date	If not returned, actions taken	Business Type	Contact	Phone#	Business Address	Business City	Business State	Business Zip	Mail Address	Mail City	Mail State	Mail Zip	Business Phone	SIC CODE	NAICS CODE	
Fortress Business Systems Llc	NIU	No reasonable potential			License	Yes	1/18/2018		Retail-Office Equipment	Amber Keyser	208-627-8136	3640 E Covington Avenue	Post Falls	ID	83854	PO Box 2034	Post Falls	ID	83877	208-627-8136			
Fotoman Photography	NIU	No reasonable potential			License	Yes	1/18/2018		Photography	James Park	208-777-2174	605 Shetland Court	Post Falls	ID	83854	PO Box 1206	Post Falls	ID	83877	208-777-2174			
Fox Trailers	NIU	No pollutants of concern	None	03/04/13	WRF	Yes			Sales & Repairs of utility trailers	Chad Fox	208-773-6588	646 N Pleasant View Rd	Post Falls	ID	83854	646 N Pleasant View Rd	Post Falls	ID	83854				
Frank Allen, Llc	NIU	No pollutants of concern	None	09/19/13	WRF	Yes			Services	Frank & Courtney Allen	208-929-2527	605 E Eighth Ave Ste B									7299	812199	
Frank McCarthy Home Repair	NIU	No pollutants of concern	None		WRF	Yes			Const	Frank McCarthy	208-773-6877	213 E Thirteenth Ave									1521	236115	
Franko's Dog House	NIU	No pollutants of concern	None	1/20/2018	License	Yes	1/18/2018		Snacks - Hot Dogs	Kathy Pagano	208-964-5489	2700 E Seltice Way #6	Post Falls	ID	83854	2600 E Seltice Way #142	Post Falls	ID	83854	208-964-5489		722513	
Frederick Post Kindergarten	NIU	No pollutants of concern	None	08/23/13	WRF	Yes			Services	Kandi Kuck	208-777-0479	205 W Mullan Ave									8211	611110	
Freedom Burrito	NIU	No pollutants of concern	None	1/30/2018	License	Yes	1/18/2018		Restaurant	Erik Bottens	208-215-6460	1602 E Seltice Way, Suite B	Post Falls	ID	83854	1602 E Seltice Way, Suite B	Post Falls	ID	83854	208-777-4461		722513	
Freeza	NIU	No reasonable potential			License	Yes	1/18/2018		Fast Serve Ice Cream	Shawn Carr, Mandi Carr	208-739-8783	112 E Seltice	Post Falls	ID	83854	1465 Morfyl Loop	Post Falls	ID	83854	208-739-8783			
Front Line Whole Sale	NIU	No reasonable potential			License	Yes	1/18/2018		Brokerage	Patrick Valliant	509-999-5311	4632 E Mossberg Circle	Post Falls	ID	83854	4632 E Mossberg Circle	Post Falls	ID	83854	509-999-5311			
Frontier Communications	NIU	No pollutants of concern	None	02/15/13	WRF	Yes			Toys	Tom Murn	208-762-0065	821 N William St									4812	513322	
Frontier Grocery	NIU	?	Ammonia & Bleach	05/31/13	WRF	Yes			Retail Trade	Terry & Catherine Werner	208-773-3791	2707 W Seltice Way									5961	445110	
Frontline Fitness	NIU	No pollutants of concern	None	03/31/13	WRF	Yes			Services	Chanda Branson	208-262-6515	414 W Seltice Way									7997	713940	
Frontline Wholesale Inc	NIU	No pollutants of concern	None	06/12/13	WRF	Yes			Wholesale	Mark Valliant	509-999-5311	780 N Thornton St									5122	425120	
Fuel N Stock	NIU	?			License	Yes	1/18/2018	Left message	Wholesale-Gas	Matthews Hale	208-802-9671	4100 W Expo Parkway	Post Falls	ID	83854	4100 W Expo Parkway	Post Falls	ID	83854	208-773-1166			
Fu-K1 Japanese Steak House	NIU	?	Fog	05/07/13	WRF	Yes			Retail Trade	Lily Li	208-457-7077	1500 E Seltice Way									5812	722511	
Full Chances Education	NIU	No reasonable potential			License	Yes	1/18/2018		Education	Brian Johnson	509-362-2800	4424 W Riverbend Avenue	Post Falls	ID	83854	4424 W Riverbend Avenue	Post Falls	ID	83854	208-773-7130			
Full Circle Satellite	NIU	No pollutants of concern	None	03/26/13	WRF	Yes			Toys	Jeremy Clark	208-777-9699	4010 E Seltice Way Ste A									1799	238290	
Full Finish Drywall	NIU	No pollutants of concern	None	08/23/13	WRF	Yes			Const	Jeremiah Bauer	208-819-0998	3600 E Jordan Dr									1742	238310	
Full Throttle Plus	NIU	?		06/21/13	WRF	Yes			Services	Carol Goodman	208-777-9681	426 N Bay St									7538	811111	
Fur Falls Grooming	NIU	No pollutants of concern	None	07/23/13	WRF	Yes			Services	Khriss Rogers	208-777-1555	2700 E Seltice Way Ste 9									752	812010	
Furry Friends Grooming	NIU	No reasonable potential			License	Yes	1/18/2018		Pet Grooming	Khriss Rogers	208-618-1790	3253 E Seltice Way	Post Falls	ID	83854	3253 E Seltice Way	Post Falls	ID	83854	208-618-1321			
G Squared	NIU	No reasonable potential			License	Yes	1/18/2018		Woodworking	Greg Meyer	208-755-9597	203 W 11th	Post Falls	ID	83854	203 W 11th	Post Falls	ID	83854	208-755-9597			
GA Massage & Fitness, Inc - Medical Billing	NIU	No pollutants of concern	None	04/30/13	WRF	Yes			Services	Gino Agostinelli	208-964-6500	808 E Stinging Hills Dr									8721	541219	
Gain Investigative Services	NIU	No pollutants of concern	None	06/03/13	WRF	Yes			Services	Michael Gain	208-755-2701	2426 N Rawhide Ridge Rd									7381	561611	
Garage Door Center	NIU	No pollutants of concern	None	06/17/13	WRF	Yes			Const	Dale B Buske I & Marly Buske	208-773-2941	808 W Mullan Ave									5211	444190	
Garden Plaza Of Post Falls	NIU	No pollutants of concern	None	1/24/2018	Energov	License	1/18/2018		Electrical Contractor	Greg Elliot	545 N Garden Plaza Ct	545 N Garden Plaza Ct	Post Falls	ID	83854	545 N Garden Plaza Ct	Post Falls	ID	83854	208-773-3701			
Garner Electric Washington, Llc	NIU	No reasonable potential			License	Yes	1/18/2018		Professional, Scientific, and Technical Services	Garner Electric Washington, Llc	253-872-6051	402 Valley Ave NW Suite 106	Post Falls	ID	83854	402 Valley Ave NW Suite 106	Puyallup	WA	98371	253-872-6051			
Garner Ridge Designs, LLC									Professional, Scientific, and Technical Services														
Garth V Rogers, CPA PLLC									Finance and Insurance														
Garwood Geoservices									Professional, Scientific, and Technical Services														
Gateway Landscape Company									Professional, Scientific, and Technical Services														
Gem State Ventures, LLC									Professional, Scientific, and Technical Services														
Genesis Services	NIU	No pollutants of concern	None	03/26/13	WRF	Yes			Services	Renate Bern-Wilde	208-777-9089	1001 E First Ave									7299	812090	
General Pneumatic Tools, Llc	NIU	?		05/03/13	WRF	Yes			Manuf	Steve Astlund / Gal & Shannon Grimhall	208-773-8080	305 S Clearwater Lp									3542	33513	
Genesis Financial Inc	NIU	No pollutants of concern	None	05/14/13	WRF	Yes			Services	John R Coghlan	208-457-9442	3773 W Fifth Ave Ste 301									8721	541219	
Genesis Packaging Company Llc	NIU	No reasonable potential			License	Yes	1/18/2018		Manufacturing Rep	Demian Rose	208-762-7555	3538 E Galway Circle	Post Falls	ID	83854	3538 E Galway Circle	Post Falls	ID	83854	208-762-7555			
Genesis Preparatory Academy	NIU	No pollutants of concern	None	09/06/13	WRF	Yes			Services	Chris Finch	208-691-0172	1866 N Cecil Rd									8299	611110	
Georgia Messuri Photography	NIU	No pollutants of concern	None		WRF	Yes			Photography Services	Georgia Messuri	619-609-0718	N Bunting Ln	Post Falls	ID	83854	N Bunting Ln	Post Falls	ID	83854	619-609-6078		8721	541219
Gilman Partnership	NIU	No pollutants of concern	None	08/03/13	WRF	Yes			Fin, Ins, Re	Larry Gilman	208-773-7298	900 N Idaho St #214									6531	531312	
Gimme A Break Cleaning & Concierge	NIU	No pollutants of concern	None	02/27/12	WRF	Yes			Services	Melissa Washburn	208-262-6892	304 N Greensfery Rd Unit 205									7349	561720	
Glacier Property Solutions, Inc.									Construction														
Gladhart Realty Inc	NIU	No reasonable potential			License	Yes	1/18/2018		Real Estate	Kirk Gladhart	208-292-7990	520 S Shore Pines Road	Post Falls	ID	83854	520 S Shore Pines Road	Post Falls	ID	83854	208-292-7990		7532	811121
Glenn Vaughn Restoration Services, Inc.	NIU	?	Waste Oil, Waste Fuel	06/05/13	WRF	Yes			Services	Glenn & Karen Vaughn	208-773-3525	550 W Greensfery Rd									6019	522130	
Global Credit Union	NIU	No pollutants of concern	None	09/12/13	WRF	Yes			Fin, Ins, Re	Shelli Harvey	509-455-4700	3640 E Seltice Way									8351	624410	
Gloria'S Daycare	NIU	No pollutants of concern	None	07/18/13	WRF	Yes			Services	Gloria Arroyo	208-704-3384	3994 E Laurelbrook Dr											
Godahavit Thrift Store	NIU	No reasonable potential			License	Yes	1/18/2018		New & Used Clothing	Annette Desjardins & Christina Smith	208-446-8381	2700 E Seltice Way, Suite 14	Post Falls	ID	83854	PO Box 475	Post Falls	ID	83877	208-446-8381			
Golden Dragon	NIU	?	Fog, Phos	06/17/13	WRF	Yes			Retail Trade	Alan S. Chen	208-451-0137	106 W Seltice Way									5812	722511	
Golden Oldies Costumes	NIU	No pollutants of concern	None	09/24/13	WRF	Yes			Services	Diana Wright	208-773-2225	5522 E Seltice Way									7299	532220	
Good News Mobile Small Engine Repair	NIU	No reasonable potential			License	Yes	1/18/2018		Small Engine Repair	Bert Gall	208-930-3073	310 E Tiger Avenue	Post Falls	ID	83854	310 E Tiger Avenue	Post Falls	ID	83854	208-930-3073			
Good Survival, Llc	NIU	No pollutants of concern	None	03/15/13	WRF	Yes			Retail Trade	Michael Anton	208-699-8007	931 E Stonybrook Lp									5961	454111	
Good Times Tavern	NIU	?	Fogs	06/11/13	WRF	Yes			Retail Trade	Daniel Anderson	208-777-2694	2828 W Seltice Way									5813	722410	
Goodwill Industries Of The Inland Northwest	NIU	No pollutants of concern	None	04/09/13	WRF	Yes			Retail Trade	Kara Gallegos	208-773-6181	317 E Seltice Way									5932	453310	
Gorton Construction, Inc	NIU	No pollutants of concern	None	03/13/12	WRF	Yes			Const	J. Wes Gorton	208-262-9450	1036 N Innovation Way									1761	238170	
Got 'Em Sports	NIU	No reasonable potential			License	Yes	1/18/2018		Sports Clothing	Jason C Triana	208-651-6426	2001 Yaquina Drive	Post Falls	ID	83854	2001 Yaquina Drive	Post Falls	ID	83854	208-651-6426			
Graceful Creations Idaho									Retail Trade														
Graffiti Sound Solutions	NIU	No pollutants of concern	None	04/09/13	WRF	Yes			Retail Trade	Jeff Kemp	208-777-4477	525 N Graffiti St									5731	441310	
Great Clips	NIU	?	Hair Products	06/30/13	WRF	Yes			Services	Kirk Goodwin	208-773-8348	3134 E Mullan Ave Ste C									7231	812112	
Great Floors Granite	NIU	?	Adhesives - Epoxy	07/29/13	WRF	Yes			Manuf Const	Charles Ratiff	208-694-3050	3293 W Seltice Way									3281	1799	
Green Acres Motors	NIU	?			License	Yes	1/18/2018	Will call City back	Used Car Sales	Rosanna Maslingale	208-777-4440	2635 W Seltice Way	Post Falls	ID	83854	2635 W Seltice Way	POST FALLS	ID	83854	208-777-4440			
Green Earth Recycling Llc	NIU	No pollutants of concern	None	07/24/13	WRF	Yes			Toys	Adrian Davis & Brad Davis	208-704-6796	3446 E Jordan Dr									4359	562111	
Green Star Lawn Service LLC									Professional, Scientific, and Technical Services														
Green Team	NIU	?			License	Yes	1/18/2018	Emailed survey															

Business Name	IU Type	Reason*	Pollutants of Concern	Survey Completion Date	Data Source	Eliminated from Survey?	Survey Sent Date	If not returned, actions taken	Business Type	Contact	Phone#	Business Address	Business City	Business State	Business Zip	Mail Address	Mail City	Mail State	Mail Zip	Business Phone	SIC CODE	NAICS CODE	
I Do	NIU	No pollutants of concern	None	01/02/14	WRF	Yes			Services	Tiege Arman	208-755-7963	1820 N Stagecoach Dr									8742	812990	
Ian Sargent	NIU	No pollutants of concern	None	06/20/13	WRF	Yes			Construction	Kelly Norton	208-262-9190	1000 N Boulder Ct									1522 1521	236220 236118	
Icon Construction Group	NIU	No pollutants of concern	None	07/18/13	WRF	Yes	1/18/2018		Const	Barb Formelle	208-826-3229	761 N Thornton St Ste E	Post Falls	ID	83854	2765 W. Seltice Way	Post Falls	ID	83854	208-773-9219		8211	611110
Idaho Iron Gym	NIU	No reasonable potential	None		License	Yes			Gym	Chad Larson	208-661-5229	2765 W. Seltice Way										5332	453310
Idaho National Guard Armory	NIU	No pollutants of concern	None	09/11/13	WRF	Yes			Public Admin	Mark Agenbroad	208-769-1546	5453 E Seltice Way									9711	928110	
Idaho Northern Wholesale Lic	NIU	No reasonable potential	None		License	Yes	1/18/2018		Wholesale Vehicles	Lance Gibson	208-704-6273	2811 W Seltice Way	Post Falls	ID	83854	3267 N 12th Street	Coeur d'Alene	ID	83815	208-916-1648		6141	522298
Idaho Stateline Quik Loans	NIU	No pollutants of concern	None	07/09/13	WRF	Yes			Fin, Ins, Re	Jerry B Mote	208-457-1433	3920 W Fifth Ave Ste A2									2493	321219	
Idaho Veneer Company	NIU	No pollutants of concern	None	05/07/13	WRF	Yes			Manuf	Dan Campbell	208-773-4511	704 E Fourth Ave									8641	813410	
Idaho Youth Ranch	NIU	No pollutants of concern	None	08/02/13	WRF	Yes			Retail Trade	Rick Ales	208-773-0388	317 E Seltice Way Ste B									8299	611110	
Ihclub Dba I Hookah	NIU	No pollutants of concern	None	07/25/13	WRF	Yes			Services	John R Hyatt	509-808-3800	2600 E Seltice Way Ste F									5945	451220	
Immaculate Conception Academy	NIU	No pollutants of concern	None	07/09/13	WRF	Yes			Services	Immaculate Conception Catholic Church	208-773-2312	614 E Fifth Ave									8049	621340	
In Control Hobbies	NIU	No pollutants of concern	None	07/05/12	WRF	Yes			Retail Trade	Kim N Buchheit	208-457-8166	1603 E Seltice Way											
In Touch Rehabilitation Services Dba In Touch Physical Therapy	NIU	No pollutants of concern	None	06/13/13	WRF	Yes	1/18/2018		Services	Brad Sharples-Faucher & Lee Nagle	208-777-9740	104 W Ninth Ave	Post Falls	ID	83854	203 W 11th Avenue	Post Falls	ID	83854	208-755-9798		8721	62110
Indulge Salon	NIU	No reasonable potential	None		License	Yes			Professional, Scientific, and Technical Services	Kelly Meyer	208-755-8798	203 W 11th Avenue									6211	523120	
INHABIT studio	NIU	No pollutants of concern	None	04/02/13	WRF	Yes			Services	Mary Ann Oselinsky	208-773-0373	4756 E Mossberg Cir									8011	621111	
Inland Empire Medical Billing & Consulting Inc	NIU	No pollutants of concern	None	07/29/13	WRF	Yes			Fin, Ins, Re	Valerie Castro	208-777-7900	1200 W Twinkling Star Rd											
Inland Management Group, Inc.	NIU	No pollutants of concern	None	03/15/13	WRF	Yes			Services	Tracy Bauer	208-457-7078	1296 E Polston Ave Ste C	Post Falls	ID	83854	1002 N Spokane Street	Post Falls	ID	83854	208-457-7078		6022	522210
Inland Northwest Anesthesia Pllc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Clinic-Anesthesia	Tracy Bauer	208-457-7078	1002 N Spokane Street									8043	521370	
Inland Northwest Bank	NIU	?	Cleaning Supplies	08/16/13	WRF	Yes			Fin, Ins, Re	Randall L Fewel	208-777-0887	1729 E Seltice Way											
Inland Northwest Consultants	NIU	No pollutants of concern	None	12/18/12	WRF	Yes			Services	W Brant Morris	208-773-8370	609 N Calgary Ct Ste 7									8043	621391	
Inland Northwest Foot & Ankle Pc	NIU	No pollutants of concern	None	09/10/13	WRF	Yes			Services	Bryan T Thompson	208-777-9794	1590 E Polston Ave Ste A											
Inland Nw Satellite	NIU	No reasonable potential	None		License	Yes	1/18/2018		Satellite Installation	Darryl Burnett	208-818-6841	115 S Linden Street	Post Falls	ID	83854	115 S Linden Street	Post Falls	ID	83854	208-818-6841		5961	454111
Inspire - Create, Craft Supplies For Less, Inc	NIU	No pollutants of concern	None	12/05/13	WRF	Yes			Retail Trade	Mariann Rector	208-765-3771	6280 E Seltice Way Ste A											
Inspired by YOU, LLC	NIU	No pollutants of concern	None	07/29/13	WRF	Yes			Health Care and Social Assistance	Jamie Buta	509-279-3627	210 S Pinewood Dr									7299	812990	
Inspired Events By Jamie	NIU	No pollutants of concern	None	03/26/13	WRF	Yes			Services	Byron Pedersen	208-773-2609	1581 E Edmondson Ave									7291	541213	
Instant Tax Solutions	NIU	No pollutants of concern	None	08/08/13	WRF	Yes			Manuf	Michael & Karen Ray	208-262-7200	6184 W Seltice Way									33298	339950 561499	
Integrity Auto Repair	NIU	No pollutants of concern	None	2/24/2018	WRF	Yes	1/18/2018		Auto Body Repair	Michael Baker	208-755-2712	5050 E Seltice Way	Post Falls	ID	83854	5050 E Seltice Way	Post Falls	ID	83854	218-753-4025		5171	424710
Intermountain Signage Supplies, Inc	NIU	?		11/06/13	WRF	Yes			Manuf	David Lawless	208-773-3119	5320 E Seltice Way									5599	441299	
Interstate Gas Service	NIU	No pollutants of concern	None	05/10/13	WRF	Yes			Retail Trade	Ray Miks	208-773-1512	2595 E Seltice Way									3084	326122	
Interstate Group, Llc Dba Trailers Plus	NIU	No pollutants of concern	None	02/28/13	WRF	Yes			Retail Trade	Michael Snow	208-442-7630	601 N Cecil Rd									5961	454111	
Interstate Plastic, Inc	NIU	No pollutants of concern	None	06/12/13	WRF	Yes			Manuf	Roger Kaiser	208-773-4538	3375 E Seltice Way											
Intestibles	NIU	No pollutants of concern	None	11/13/13	WRF	Yes			Retail Trade	Kristie Sue Smith	208-640-4299	2195 N Methow Ct											
Isabella Enterprises (Jewelry Division)	NIU	No reasonable potential	None		License	Yes	1/18/2018		Jeweler-Fabrication	Tina Dankel	208-910-3609	534 Hydra Place Unit B	Post Falls	ID	83854	PO Box 1475	Post Falls	ID	83877	208-262-1949		5511	441110
Isabella Enterprises (Language Division)	NIU	No reasonable potential	None		License	Yes	1/18/2018		Teaching-Foreign Language	Tina Dankel	208-910-3609	2478 E Poleline Ave	Post Falls	ID	83854	PO Box 1475	Post Falls	ID	83877	208-262-1949		5511	441110
Isurance Services - 3 Acorn Agency	NIU	No reasonable potential	None		License	Yes	1/18/2018		Insurance-Financial Service	Randy Oaks	208-699-0626	201 E 4th Ave	Post Falls	ID	83854	1311 Northwood Center Court	Coeur d'Alene	ID	83814	208-758-0480		5511	441110
Itchawawies	NIU	No reasonable potential	None		License	Yes	1/18/2018		Computer Tech Support	Indejit Singh	509-263-1896	3875 W 9th Avenue	Post Falls	ID	83854	3875 W 9th Avenue	Post Falls	ID	83854	208-819-4945		1751	238350
J & Da Holdings, Llc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Vehicle-Sales Wholesale	Joe And Donna Arrotta	208-819-4945	1885 E Polston Ave	Post Falls	ID	83854	PO Box 1269	Post Falls	ID	83877	208-819-4945			
J & R Cabinets Llc Dba The Woodmill Llc	NIU	?	Paints/ Stains/ Adhesives	04/05/13	WRF	Yes			Const	Jerry Eckard	208-457-8904	4610 W Seltice Way Ste B											
J & R Pizza, LLC	NIU	No reasonable potential	None		License	Yes	1/18/2018		Accommodation and Food Services	Jason E Allen	208-512-0340	900 N Tucson Street	Post Falls	ID	83854	900 N Tucson Street	Post Falls	ID	83854	208-512-0340		1731	238210
J Allen Photography	NIU	No pollutants of concern	None	06/12/12	WRF	Yes			Photography Services	Martin Joos	208-819-7524	1954 E Bobwhite Ln	Post Falls	ID	83854	900 N Tucson Street	Post Falls	ID	83877	208-704-1910			
J11 Concepts	NIU	No pollutants of concern	None		License	Yes	1/18/2018		Const	Russ Stevens	208-704-1910	404 E 21st Avenue	Post Falls	ID	83854	PO Box 295	Post Falls	ID	83854	208-961-0014			
Jada - Russ Stevens	NIU	No reasonable potential	None		License	Yes	1/18/2018		Back Flow Inspector	Anthony Campbell	208-419-5971	841 N Boulder Court, Suite B	Post Falls	ID	83854	841 N Boulder Court, Suite B	Post Falls	ID	83854	208-419-5971		7349	561720
Jade Marketing	NIU	No pollutants of concern	None	03/19/13	WRF	Yes			Sales/Marketing	Jason Allen Godwin	208-691-7938	3449 E Solena Ave											
Jag Cleaning Concepts	NIU	No reasonable potential	None		License	Yes	1/18/2018		Marine Construction	Jake Terpstra	208-818-0373	670 N Tybalt Street	Post Falls	ID	83854	670 N Tybalt Street	Post Falls	ID	83854	208-818-0373		8041	621310
Jake On The Lakes Lc	NIU	No pollutants of concern	None	05/14/13	WRF	Yes			Services	James E Vancho	208-773-1968	102 W Eleventh Ave Ste B											
James E Vancho, Dc	NIU	No pollutants of concern	None	03/28/13	WRF	Yes			Services	James E Vancho	208-691-7338	1240 W Palouse Dr											
Jametta Enterprises Dba Classic Work Studios	NIU	No pollutants of concern	None	02/12/13	WRF	Yes			Services	Jametta Bendinelli	208-929-0665	220 W Chippewa Dr											
Jarrin X Networks Llc	NIU	No pollutants of concern	None	04/19/13	WRF	Yes			Retail Trade	Jackie Clark	208-773-8369	501 E Seltice Way											
Java The Hut	NIU	No pollutants of concern	None	03/07/13	WRF	Yes			Services	Jacqueline Maurer	208-660-6109	3279 N Treaty Rock Blvd											
Jax Daycare	NIU	No pollutants of concern	None	07/29/13	WRF	Yes			Retail Trade	Jared Wilson	208-777-8100	3350 W Seltice Way											
Jc Auto, Llc	NIU	No pollutants of concern	None	09/10/13	WRF	Yes			Retail Trade	Jason Eubanks	208-660-4930	3680 E Coalingan Ave Ste 2											
Jd Upholstery	NIU	No reasonable potential	None		License	Yes	1/18/2018		Eye Care Services	Jeanine Stolp	360-608-9897	6405 W Pointe Parkway	Post Falls	ID	83854	5924 S Summerwood Street	Spokane	WA	99224	208-777-4151		7641 7532	811420 811121
Jeffrey White II	NIU	No pollutants of concern	None	03/08/11	WRF	Yes			Services	Jeffrey D White II	509-362-3274	306 N Spokane St Ste E											
Jemma Abdurahmanov Day Care	NIU	No reasonable potential	None		License	Yes	1/18/2018		Day Care	Jemma Abdurahmanov	208-818-8892	2619 N Reddington Way	Post Falls	ID	83854	2619 N Reddington Way	Post Falls	ID	83854	208-818-8892		7299	812199
Jennifer A Lee Cmt	NIU	No pollutants of concern	None	09/23/13	WRF	Yes			Services	Jennifer A Lee	208-691-8296	1624 E Seltice Way											
Jennifer Lynn Molina Massage	NIU	No pollutants of concern	None	11/01/13	WRF	Yes			Services	Jennifer Lynn Molina	208-610-6946	4365 E Coalingan Ave											
Jeremy Lacaria State Farm	NIU	No pollutants of concern	None	07/29/13	WRF	Yes			Fin, Ins, Re	Jeremy Lacaria	208-773-7537	609 N Calgary Ct Unit 2											
Jh Coture	NIU	No pollutants of concern	None	10/30/13	WRF	Yes			Retail Trade	Joan Hillstead	509-939-7427	231 S Sunset Dr											
Jigsaw Data Corporation	NIU	No pollutants of concern	None	02/16/10	WRF	Yes			Services	Jim Fowler & Garth Mohlon	208-777-8333	510 S Clearwater Lp Ste 2											
Jiltezz Espresso	NIU	No reasonable potential	None		License	Yes	1/18/2018		Coffee Stand	Laura Quast	208-755-0130												

Business Name	IU Type ID	Reason*	Pollutants of Concern	Survey Completion Date	Data Source	Eliminated from Survey?	Survey Sent Date	If not returned, actions taken	Business Type	Contact	Phone#	Business Address	Business City	Business State	Business Zip	Mail Address	Mail City	Mail State	Mail Zip	Business Phone	SIC CODE	NAICS CODE
Kootenai County Fire & Rescue Maintenance & Training	NIU	?	Motor Oil, Antifreeze, Lub Grease, Hh Cleaners	09/05/13	WRF	Yes			Public Admin	Chief Warren Merritt	208-777-8500	5271 E Seltice Way									9224	922160
Kootenai County Fire & Rescue Station #3	NIU	?	Household Cleaners, Car Wash Soap	09/05/13	WRF	Yes			Public Admin	Chief Warren Merritt	208-777-1463	3850 E Sixteenth Ave									9224	922160
Kootenai Humans Society Thrift Store	NIU	No pollutants of concern	None	10/07/13	WRF	Yes			Retail Trade	Chris McDowell	208-773-3074	1800 E Seltice Way Ste F									5932	453310
Kootenai Motors Llc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Used Car Sales	Ron Ellis	208-664-3050	780 Thornton Street	Post Falls	ID	83854	1830 E Foxborough Court	Hayden	ID	83835	208-664-3050	62	339113
Kootenai Prosthetics And Orthotics	NIU	?	None	2/21/2018	License	Yes	1/18/2018		Clinic-Medical-Prosthetics/Orthotics	Alexandria Wagner	208-457-1545	1160 E Polston Ave	Post Falls	ID	83854	1160 E Polston Ave	Post Falls	ID	83854	208-457-1545	62	339113
Kootenai Prosthetics And Orthotics / Valley Orthopedic	NIU	No pollutants of concern	None	07/02/13	WRF	Yes			Retail Trade	Robert Miller	208-457-1545	1160 E Polston Ave									5999	8011
Kootenai Urgent Care, Llc	NIU	?	Bleach, Disinfectants, Cleaners	02/14/13	WRF	Yes			Services	Eric Koelsch	208-777-1157	1300 E Mullan Ave Ste 600									8011	621320
Kootenai Vision Center	NIU	?	None	12/23/12	WRF	Yes			Services	Will Fagan	208-773-0202	1101 E Polston Ave Ste B									8042	
Krae Chic	NIU	No reasonable potential	None		License	Yes	1/18/2018		Fashion Business	Kelsey Hillard & Rachel Palmer	208-819-8390	1379 W Polo Green	Post Falls	ID	83854	1379 W Polo Green	Post Falls	ID	83854	208-819-8390	7231	812113 812112
Krazy Nails, Hair & Body Shop	NIU	No pollutants of concern	None	04/02/13	WRF	Yes			Hair Salon	Don Chaffin/Shaylena Pulford	208-818-1145	2700 E Seltice Way Ste 12A	Post Falls	ID	83854	2700 E Seltice Way, Suite 12A	Post Falls	ID	83854	208-818-1145	7231	812113 812112
Kristie'S Infant Care	NIU	No pollutants of concern	None	02/09/13	WRF	Yes			Services	Kristie Palmer	208-446-4444	216 S Ridgewood Dr									8351	624410
Kwi, Llc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Property Management	Kenneth Wilkinson	208-292-2198	306 N Spokane Street, Suite I	Post Falls	ID	83854	306 N Spokane Street, Suite I	Post Falls	ID	83854	208-292-2198	2732	323117
L & E Print & Bind	NIU	No reasonable potential	None	12/05/13	WRF	Yes			Manuf	Theresa Leback	208-661-6463	3140 N Trealy Rock Blvd									2732	323117
L & L Property Management, Llc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Property Management	Louis Litzko	208-691-0853	201 N Caton Street #1	Post Falls	ID	83854	201 N Caton Street #1	Post Falls	ID	83854	208-691-0853	7349	561720
L & M Top Services	NIU	No pollutants of concern	None	12/30/13	WRF	Yes			Services	Robert & Debbie Hagsath	208-704-5607	2321 N Rawhide Ridge Rd									7991	713940
L Salon & Spa Llc	NIU	No pollutants of concern	None	01/13/14	WRF	Yes			Services	Lindsey Grossglauer	208-777-8821	3904 E Mullan Ave Ste G									5812	722511
L.E.O. Firstone, LLC	NIU	?	Fogs/Phos	07/29/13	WRF	Yes			Educational Services	Damon Simmons	208-773-4325	405 N. Greensferry Rd # 2115	Post Falls	ID	83854	P.O. Box 2115	Post Falls	ID	83854		5812	722511
La Cabana Mexican Restaurant	NIU	?	Chloride	06/18/13	WRF	Yes			Retail Trade	Felix Cabrera	208-773-3159 - 208-	604 E Seltice Way									5531; 7534	441320 811198
Laboratory Corporation Of America	NIU	No pollutants of concern	None	07/18/13	WRF	Yes			Services	David P King - Ceo	457-0695	750 N Syringa St Ste 203 C									8071	621511
Lake Dawg Snacks	NIU	No pollutants of concern	None	04/16/12	WRF	Yes			Retail Trade	Christopher Lake	208-446-6859	2140 W Jester Way									5962	454210
Landgraf Retreats	NIU	No pollutants of concern	None	12/31/13	WRF	Yes			Services	John & Laura Landgraf	650-868-3947	402 S Wide River Rd									8322	621330
Laramie Inspections, Llc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Real Estate Inspection	Matthew P Laramie	831-277-4744	1723 N Chehalis	Post Falls	ID	83854	1723 N Chehalis	Post Falls	ID	83854	208-457-3911	4841	517510
Last Mile Satellite	NIU	No pollutants of concern	None	10/24/13	WRF	Yes			Manuf	Shane E Ward	208-446-6115	2449 N Partridge Ln									3679	334220
Lcf Enterprises	NIU	No pollutants of concern	None	03/18/13	WRF	Yes			Manuf	Lorna Finman	208-777-0555	764 S Clearwater Ln									8351	624410
Learning Garden Children'S Center	NIU	?	Cleaning Supplies	05/31/13	WRF	Yes			Services	Cathleen Kowalski	208-777-2629	412 E Mullan Ave									8011	621111
Legacy Family Dental Care Pllc	NIU	?	"No Lg Contaminers"	02/21/13	WRF	Yes			Services	Whitney M Frank	208-773-1559	801 E Medical Ct									8361	623312
Legacy House Assisted Living	NIU	?	Fogs - Phos	05/04/12	WRF	Yes			Services	Ruby Stoker, Mm	208-773-8218	1136 E Mullan Ave									5632; 5611	448150 448110
LEggs, Hanes Ball Playtex	NIU	?	Cleaning Supplies	06/27/13	WRF	Yes			Retail Trade	Gina McLaughlin	336-519-6160	4286 W Ribenbend Ave	Post Falls	ID	83854	Indirect Tax Dept 1000 E Hanes Mill Rd	Winston-Salem	NC	27105	208-773-1053	5812	722515
Leopard Latte'S	NIU	No pollutants of concern	None	09/10/13	WRF	Yes			Retail Trade	Melissa & Ignacio Valdivinos	208-773-8141	220 N Spokane St									5531; 7534	441320 811198
Les Schwab Tire Center	NIU	?	Brake Fluid, Solvent, 90W Oil, Calcium Chloride	06/18/13	WRF	Yes			Retail Services	Randy Christian	208-773-1566	302 E Seltice Way									7999	811620
Lester Aquatics Starfish Swim School	NIU	No pollutants of concern	None	05/08/13	WRF	Yes			Services	Letauna Lickford	208-693-8922	1224 N Chelmsford Dr									7291	541213
Liberty Tax Service	NIU	?	None	02/06/13	WRF	Yes			Services	David & Barbara Myers	208-773-7400	4082 E Primrose Ln Ste C									8361	623312
Life Abundant 4 U	NIU	No reasonable potential	None		License	Yes	1/18/2018		Internet Sales	Barbara Aparicio	208-640-4951	2914 E Knapp Circle	Post Falls	ID	83854	2914 E Knapp Circle	Post Falls	ID	83854	208-640-4951	8361	623312
Life Care Center Of Post Falls	NIU	?	Fogs	09/05/13	WRF	Yes			Services	Robin Leary	208-777-0318	460 N Garden Plaza Ct									8041	621310
Life Chiropactic Center	NIU	?	X-Ray Chemicals	06/24/13	WRF	Yes			Services	Dr. Richard Thomas	208-457-1551	605 S Sheltand Ct									8351	624410
Life'S Little Miracles	NIU	No pollutants of concern	None	11/28/12	WRF	Yes			Services	Laura Young	208-691-4184	1244 N Maccastle Ct									8661	813110
Lifeway Chapel	NIU	No pollutants of concern	None	05/15/12	WRF	Yes			Services	Pastor Fred Pace	208-773-0541	501 W Fifteenth Ave									8661	813110
Light & Life Christian Fellowship	NIU	?	Chlorine For Pool, Cleaning Agents	11/05/13	WRF	Yes			Services	Pastor Steve Wilson	208-777-3145	3555 E Twelveth Ave	Post Falls	ID	83854	3555 E Twelveth Ave	Post Falls	ID	83854	208-618-7777	3544	333511
Lighting Tool & Manufacturing Inc	NIU	?	Plastic resin, color concentrates	9/27/2013, 1/22/2018	WRF	Yes	1/18/2018		Manuf	Jeff Lange	208-618-7777	4642 W Selway Ave	Post Falls	ID	83854	4642 W Selway Ave	Post Falls	ID	83854	208-618-7777	3544	333511
Lif Britches Day Care	NIU	No reasonable potential	None		License	Yes	1/18/2018		Childcare-In Home	James & Victoria Brooks	208-777-1913	217 S. Pinewood Drive	Post Falls	ID	83854	217 S. Pinewood Drive	Post Falls	ID	83854	208-777-1913	7299	812199
Lisa'S Therapeutic Massage	NIU	No pollutants of concern	None	12/05/13	WRF	Yes			Services	Liyana Moss	208-262-6410	751 N Silverwood Dr									5963	454390
Linda JS Sales	NIU	No pollutants of concern	None	10/04/13	WRF	Yes			Retail Trade	Linda James	208-773-6134	507 E Tenth Ave									4213	484121
Lindtell Corporation	NIU	No pollutants of concern	None	02/21/13	WRF	Yes			Services	Dale Lindsey & Ronda Wright	208-457-1546	1889 E Windwood Ct									8721	541210
Lisa G Stimmel	NIU	No pollutants of concern	None	11/01/13	WRF	Yes			Services	Lisa G Stimmel	208-777-7816	4835 N Lemonwood Ln									7349	561720
Lisa'S Cleaning Service	NIU	No pollutants of concern	None	09/13/13	WRF	Yes			Services	Lisa Muskusie	208-699-3756	4080 E Laurelbrook Dr #C214									5932	453310
Literary Soles Used Books	NIU	No pollutants of concern	None	01/30/13	WRF	Yes			Retail Trade	Stephanie Moss	208-457-4944	3122 W Seltice Way Ste B									5813	722410
Little Baby Bumblebee Dba Deals Gifts	NIU	No reasonable potential	None		License	Yes	1/18/2018		Children'S Gifts	Desha Deals	208-771-5830	4892 E Portside Court	Post Falls	ID	83854	PO Box 3591	Post Falls	ID	83877	208-771-5830	8351	624410
Little Foot Daycare	NIU	No pollutants of concern	None	02/19/13	WRF	Yes			Services	Jaynecca Herkeath	208-819-9741	502 E Eleventh Ave									8351	624410
Little Gigles And Smiles Childcare	NIU	No pollutants of concern	None	11/20/13	WRF	Yes			Services	Mindy Ter Maaten	208-773-7850	1381 W Yaquina Dr									8021	621210
Little Smiles Pediatric Dentistry	NIU	?	Cavicide, Vyrex, Glutrolyde	08/16/13	WRF	Yes			Services	Brad & Kalyne Barlow	208-777-8331	602 N Calgary Ct Ste 201	Post Falls	ID	83854	18491 S. Francis Faire Rd	Worley	ID	83876	208-773-6145	8361	623312
Living Springs Inc	NIU	?	Cleaning Chemical	06/11/13	WRF	Yes			Services	Gary & Jennifer Trefz; Alice Thibault	208-773-6145	1605 N Catherine St									3281; 1799	327991 238990
Living Stone, Inc.	NIU	?	Acetone, Glue, Bleach, ground up stone	1/3/2014 and 1/24/2018	WRF	Yes			Retail-Granite Fabrication	Kevin C Frame	208-773-8180	4392 W Seltice Way	Post Falls	ID	83854	4392 W Seltice Way	Post Falls	ID	83854		8322	621330
Living Water Enterprises, LLC	NIU	No pollutants of concern	None	08/14/13	WRF	Yes			Construction	Kris Mitchell	208-457-1999	761 N Thornton St Ste C	Post Falls	ID	83854	761 N Thornton Street, Ste. C	Post Falls	ID	83854	208-457-1999	8661	813110
Living Well Counseling & Consulting Llc	NIU	No pollutants of concern	None		License	Yes	1/18/2018		Counseling	Kris Mitchell	208-292-6696	761 N Thornton St Ste C	Post Falls	ID	83854	761 N Thornton Street, Ste. C	Post Falls	ID	83854	208-457-1999	8021	621210
Living Word Fellowship	NIU	No pollutants of concern	None	06/17/13	WRF	Yes			Services	James Pool	208-964-6569	1600 E Seltice Way									8661	813110
Locker Room, Inc	NIU	No pollutants of concern	None	11/13/13	WRF	Yes			Services Retail Trade	Stacie Bishop	208-659-8653	4010 Seltice Way	Post Falls	ID	83854	2942 Government Way	Coeur d'Alene	ID	83815	208-773-1300	7241 5941	61151 451110
Loftus Family Dental	NIU	?	Dental Chemicals	03/22/13	WRF	Yes			Services	George J Loftus	208-777-0292	1850 E Seltice Way									8021	621210
Logic Control Systems	NIU	No reasonable potential	None		License	Yes	1/18/2018		Computer Programming	Scott Cartwright												

Business Name	IU Type	Reason*	Pollutants of Concern	Survey Completion Date	Data Source	Eliminated from Survey?	Survey Sent Date	If not returned, actions taken	Business Type	Contact	Phone#	Business Address	Business City	Business State	Business Zip	Mail Address	Mail City	Mail State	Mail Zip	Business Phone	SIC CODE	NAICS CODE	
Moments In Cake	NIU	No pollutants of concern	None	01/29/13	WRF	Yes			Retail Trade	Katrina Mayer	208-964-0028	1420 E Third Ave									5461	31812	
Momentum Inc. Lic	NIU	No pollutants of concern	None	09/26/13	WRF	Yes			Manuf	David Ford & Tracy Phelps	509-953-3056	1624 N Chehalis									2759	32119	
Mon Petit Chou Atelier	NIU	No reasonable potential	None		License	Yes	1/18/2018		Etvs	Briana Reid	951-208-8856	1494 W Sauk Lane	Post Falls	ID	83854	1423 W Grange Avenue	Post Falls	ID	83854	951-206-8856			
Moneyfree, Inc	NIU	No pollutants of concern	None	11/06/13	WRF	Yes			Fin. Ins. Re	Dennis Basford	208-773-9669	3904 E Mullan Ave Ste A & B									6141	522298	
Montron Overhead Door Lc	NIU	No pollutants of concern	None	1/22/2018	License	Yes	1/18/2018		Garage Door Repair	John Monton - Jaclyn Monton	701-481-1427	1605 N Lincoln Street	Post Falls	ID	83854	1605 N Lincoln Street	Post Falls	ID	83854	208-920-1334			
Mony Bath His Healing Hands	NIU	No reasonable potential	None		License	Yes	1/18/2018		Massage Therapy	Mony Balle	208-407-7789	609 N Calgary Court, Ste 3	Post Falls	ID	83854	7805 W Eagle Ridge Road	Coeur d'Alene	ID	83815				
Mondollars Coffee House Lc	NIU	?			License	Yes	1/18/2018	Will call City back	Restaurant-Deli, Bakery	Jd & Tracy Dickinson, Randy & Harmony Oaks	208-457-2899	609 N. Syringa Street	Post Falls	ID	83854	609 N. Syringa Street	Post Falls	ID	83854	208-777-7040			
Moon'S Mongolian Grill	NIU	?	Fog, Phos	02/28/13	WRF	Yes			Retail Trade	Moon Lupcho	208-773-0348	1901 E Seltice Way										5812; 5813	722511 722410
Moorehead Communications Dba Cellular Connection	NIU	No reasonable potential	None		License	Yes	1/18/2018		Cellular Retail	Scott Moorehead	765-651-2001	3760 E Seltice Way	Post Falls	ID	83854	525 Congressional Boulevard	Carmel	IN	46032	208-773-4046			
Mer Manufacturing Corp	NIU	No reasonable potential	None	07/09/13	WRF	Yes			Manuf Services	Patti Whitney	208-667-4799	676 E Seltice Way									3679 7371	334419 541511	
More Than Carpentry Lc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Handyman	Jeremy King	208-446-6080	3539 E 2nd Avenue #8	Post Falls	ID	83854	3539 E 2nd Avenue #8	Post Falls	ID	83854				
Mominstar Solutions Co.	NIU	No pollutants of concern	None	06/11/13	WRF	Yes			Manufacturing	Don Nord	208-704-2486	930 E 3rd Ave	Post Falls	ID	83854	930 E 3rd Ave	Post Falls	ID	83854	208-704-2486			
Morrison Cpas	NIU	No pollutants of concern	None	02/14/13	WRF	Yes			Services	Debbie Edmiston	208-777-7221	336 N Frederick St									8721	541213	
Mother Nature Landscaping	NIU	No pollutants of concern	None	02/14/13	WRF	Yes			Agri, For, Fish	Catrina Leithoff	208-777-3023	1002 E Teton Ave									762	516730	
Motion Auto Supply	NIU	No pollutants of concern	None	06/18/13	WRF	Yes			Retail Trade Wholesale Trade	Tim Trudnowski	208-457-0340	206 E Seltice Way									5531 5013	441310 423120	
Mountain Paw Pet Supplies	NIU	No pollutants of concern	None	06/05/13	WRF	Yes			Services	Michael Hardison	208-777-0128	1624 E Seltice Way									8041	621310	
Mountain View Chiropractic	NIU	?	Detail Supplies, Degreaser, Cleaners	10/02/12	WRF	Yes			Retail Trade	Rob Jacobs	208-773-2142	508 E Seltice Way									5511	441110 441120	
Mountain West Bank, Division Of Glacier Bank	NIU	No pollutants of concern	None	02/11/14	WRF	Yes			Fin. Ins. Re	Kay Viebrock	208-777-0160	709 E Seltice Way									6022	522110	
Mountainside Paving, LLC	NIU	No reasonable potential	None		License	Yes	1/18/2018		Construction	Paul Schwartz	208-660-7403	3722 Fossil Road	Post Falls	ID	83854	3722 Fossil Road	Post Falls	ID	83854	208-660-7403			
Mr. Appliance Inland Northwest Lc	NIU	No pollutants of concern	None	12/09/11	WRF	Yes			Services	John J Simon	208-457-0601	615 E Sixth Ave Ste E									7629	811412	
Mr. Mom'S Carpet & Floors	NIU	?	Procyrn; Biodegradable	10/29/13	WRF	Yes			Services	Michael Pritchett	208-777-7700	611 E Second Ave									7217	561720	
ML View Congregation Of Jehovah'S Witness Inc	NIU	No pollutants of concern	None	09/11/13	WRF	Yes			Services	Dan Lorenzen	208-773-9546	949 N Syringa St	Post Falls	ID	83854	PO Box 214	Newman Lake	WA	99025	208-773-9546	8661	813110	
Muddy Paws Grooming	NIU	No reasonable potential	None		License	Yes	1/18/2018		Grooming - Pet	Sara Williams	208-691-6578	630 N Spokane St Ste 4	Post Falls	ID	83854	205 E 3rd Avenue	Post Falls	ID	83854	208-777-9988			
Muusy'S Espresso	NIU	No pollutants of concern	None	10/09/13	WRF	Yes			Retail Trade	Glen Douglas	208-773-3723	1606 E Seltice Way									5812	722515	
Mullan Trail Elementary School	NIU	?	Fog	06/11/13	WRF	Yes			Services	Katrina Kelly	208-457-0772	300 W Cherry St									8211	611110	
Muriel M. Burke P.C.Attorney at Law	NIU	?	Shampoo/Cleaning Supply	06/11/13	WRF	Yes			Law Firm	Muriel M. Burke	208-773-9268	1810 E Schneidmiller Ave Ste. 310	Post Falls	ID	83854	1810 E Schneidmiller Ave Ste. 310	Post Falls	ID	83854	208-773-9268			
Muttley'S Crew	NIU	No pollutants of concern	None	06/11/13	WRF	Yes	1/18/2018		Agri, For, Fish	Laura Sternberg	208-773-2516	205 E Third Ave									752	812910	
My Big Fat Greek Deli	NIU	No reasonable potential	None	2/21/2018	License	Yes	1/18/2018		Del	Chris Panastakos	208-512-6274	4412 W Riverbend Avenue									722		
My Computer Clinic	NIU	No pollutants of concern	None	08/08/13	WRF	Yes			Computer Service	Adam Mills	208-818-0132	543 N Larrt Lee Street	Post Falls	ID	83854	543 N Larrt Lee Street	Post Falls	ID	83854				
My Favorite Things	NIU	No reasonable potential	None		License	Yes	1/18/2018		Retail Trade	Jennifer Bonner	208-773-4110	503 E Seltice Way									5932	453310	
My Guy Plumbing & Service Inc.	NIU	No reasonable potential	None	09/27/13	WRF	Yes			Plumbing	Michael Reeves	208-770-7232	3068 E Galway Circle	Post Falls	ID	83854	PO Box 3458	Post Falls	ID	83877	208-770-7232			
My Heat Guy Lc	NIU	No pollutants of concern	None	08/17/12	WRF	Yes			Const	Ken Reinhardt	208-262-4311	817 N Terran Ct									1711	235220	
My Handy Assistant	NIU	No pollutants of concern	None	07/18/13	WRF	Yes			Services	Candice A Frank	208-651-1108	307 W Montzomen Pt									7299	812990	
My Sanctuary	NIU	No pollutants of concern	None	05/27/11	WRF	Yes			Services	Maryann Anthony	208-777-9993	1215 N Kaniku St									7299	812199	
Mystic River Jewelry Designs	NIU	No pollutants of concern	None	06/20/13	WRF	Yes			Retail Trade	Yong "Michelle" Colbentz (Sp_	208-819-3289	1657 W Yaquna Dr									5632 5961	448150 454111	
N&M Services Lc	NIU	No pollutants of concern	None	10/16/13	WRF	Yes			Const	Danielle Mack	208-667-6633	1007 N Boulder Ct									1522 1521	236220 236118	
N.C. Works	NIU	No pollutants of concern	None	02/25/13	WRF	Yes			Services	Neil Coughanour	208-640-6349	4861 W Candlewood Ln									7532	811121	
N.I. Consulting	NIU	No pollutants of concern	None	02/25/13	WRF	Yes			Services	Shane Mercier	509-951-0311	2004 N Williams Dr									8742	541330	
N.W. Ag Services	NIU	No pollutants of concern	None	1/22/2018	License	Yes	1/18/2018		Agriculture Product Broker	Patrick Valliant	509-999-5311	4632 E Mossberg Circle	Post Falls	ID	83854	4632 E Mossberg Circle	Post Falls	ID	83854	509-999-5311			
N.W. Curvy Girls Boutique	NIU	No reasonable potential	None		License	Yes	1/18/2018		Clothing Sales	Carol A Evans	208-651-2671	2700 E Seltice Way	Post Falls	ID	83854	3101 E Lapis Avenue	Post Falls	ID	83854	208-651-2671			
N.W. Pursult Lc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Wholesale Agent	Jacob Asher	208-618-9546	2869 N Ivy Ln	Post Falls	ID	83854		Post Falls	ID	83854	208-618-9546			
Nadachi Vera	NIU	No pollutants of concern	None	11/23/11	WRF	Yes			Services	Nadachi Vera	509-844-9475	614 E Seltice Way Ste B									7299	621399	
Napa Auto Parts	NIU	No pollutants of concern	None	07/09/13	WRF	Yes			Retail Trade	John Pattenson	208-773-5558	703 E Seltice Way									5531	441310	
Nates New York Pizza	NIU	?	Fog	04/12/13	WRF	Yes			Retail Trade	Glen Gatherer	208-773-6697	920 N Hwy 41 Ste 10									5812	722511	
Naturally 4 Life	NIU	No pollutants of concern	None	04/02/12	WRF	Yes			Retail Trade	Barbara Geatches	208-457-1757	410 S Showboat Ct									5963	454390	
Netavisions	NIU	No pollutants of concern	None	04/09/13	WRF	Yes			Services	Jay P Mayo	208-640-1587	1950 N Palisades Dr									7376	541513	
Netfilx Inc	NIU	No pollutants of concern	None	02/06/14	WRF	Yes			Services	Reed Hastings	408-540-3700	708 E Clearwater Ave Ste 101									7941	532230	
New Heights Roofing, Lc	NIU	No pollutants of concern	None	04/02/13	WRF	Yes			Const	Tyran Faulstich	355-769-3278	1909 N Helen St									1761	238160	
New Visions Alternative School	NIU	?	Fog	06/11/13	WRF	Yes			Services	Jerry Keane	208-773-3541	205 W Mullan Ave									8211	611110	
Newby-Ginnings Of North Idaho, Inc.	NIU	No reasonable potential	None		License	Yes	1/18/2018		Veterans Services	Theresa Hart	208-660-4601	570 S Clearwater Loop, Unit A	Post Falls	ID	83854	570 S Clearwater Loop, Unit A	Post Falls	ID	83854	208-610-6996			
Next Day Dry Cleaning	NIU	?	Laundry Soaps, Tetrachloroethane	2/7/2018	License	Yes	1/18/2018		Dry Cleaning	Adam Burton	509-954-9117	606 N. Spokane Street	Post Falls	ID	83854	606 N. Spokane Street	Post Falls	ID	83854	208-773-2878			
Nicola Curry Music	NIU	No reasonable potential	None		License	Yes	1/18/2018		Piano Lessons	Kathryn Nicola Curry	208-292-8335	1907 E Sweetwater Circle #107	Post Falls	ID	83854	1907 E Sweetwater Circle #107	Post Falls	ID	83854	208-292-8335			
Nikk Drops Epcice	NIU	No pollutants of concern	None		License	Yes	1/18/2018		E-Cigs	Nicholas Cowell	208-691-4947	780 N Cecil Road, Suite 201	Post Falls	ID	83854	608 E Mullan Avenue #D	Post Falls	ID	83854	208-691-4947			
Ninth Ave Hair & Nails	NIU	No pollutants of concern	None	03/13/13	WRF	Yes			Services	Pat Waltman	208-704-1053	506 E Ninth Ave									7231	812112 812113	
NonMowWorries, LLC	NIU	No pollutants of concern	None	03/23/12	WRF	Yes			Professional, Scientific, and Technical Services	Thomas Downs	208-704-7741	3607 E Second Ave									7536	811222	
Non-Stop Auto Glass	NIU	?	Fogs; Cleaning Agents	03/22/13	WRF	Yes			Retail Trade	Larry Ross	208-777-8883	775 N Hwy 41 Ste A									5812	722511	
Nonsada Custom Tackles	NIU	No pollutants of concern	None	07/05/14	WRF	Yes			Retail Trade	John & Jennifer Norisada	509-868-6310	345 E Silkwood Dr									5933	454390	
North Country Chapel	NIU	No pollutants of concern	None	07/06/12	WRF	Yes			Services	Robert Davis	208-773-7100	2281 W Seltice Way									8661	813110	
North Idaho Coin Company, Lc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Retail Coins	William Rabe	208-797-0925	614 E Seltice Way #B	Post Falls	ID	83854	614 E Seltice Way #B	Post Falls	ID	83855				

Business Name	IU Type	Reason*	Pollutants of Concern	Survey Completion Date	Data Source	Eliminated from Survey?	Survey Sent Date	If not returned, actions taken	Business Type	Contact	Phone#	Business Address	Business City	Business State	Business Zip	Mail Address	Mail City	Mail State	Mail Zip	Business Phone	SIC CODE	NAICS CODE	
Panhandle State Bank	NIU	No pollutants of concern	None	10/02/13	WRF	Yes			Fin. Ins. Re	Kathy Standal	208-773-9993	3235 E Mullan Ave									6022	522110	
Papa Murphy's Pizza	NIU	?	Fog	10/17/13	WRF	Yes			Retail Trade	George & Lynette Kennedy	208-773-1575	3134 E Mullan Ave Ste B									5812	722130	
Papazzini Jewelry By Adel	NIU	No pollutants of concern	None	07/10/13	WRF	Yes			Retail Trade	Adel Bodam	509-216-6198	377 N Silkwood Dr									5632	448150	
Paradise De Golf Management Llc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Golf Club	William B Bomar	208-457-0210	3200 N Spokane Street	Post Falls	ID	83854		Post Falls	ID	83854	208-457-0210	5599	441110	
Parker-White Motors Inc	NIU	?	Auto Sales & Service	10/31/13	WRF	Yes			Retail Trade	Julie Day	208-773-8939	811 N Greensferry Rd									7699	561790	
Parris Service Corp Dba Oakenshield Chimney Service	NIU	No pollutants of concern	None	04/19/11	WRF	Yes			Services	Randy & Joanie Huska	208-777-1022	1902 E Park Ln											
Patient Support Service Northwest	License	No reasonable potential	None		License	Yes	1/18/2018		Consultant	Linda Litalien	208-660-3946	925 N Harlequin Drive	Post Falls	ID	83854	PO Box 2618	Post Falls	ID	83877	208-660-3946			
Palina Rental & Design	NIU	?	Fog	06/06/12	WRF	Yes			Arts, Entertainment, and Recreation	Scott Ovnicke	208-755-2290	700 N Idaho St	Post Falls	ID	83854	6020 E. Poleline Avenue	Post Falls	ID	83854	208-773-6714	5812	722511	
Paul Buryan Restaurant	NIU	No pollutants of concern	None	07/09/13	WRF	Yes			Restaurant-Burger	Mark Lax	208-773-8888	2427 E Seltice Way									5932	522988	
Pawn 1 Inc	NIU	No pollutants of concern	None	10/16/13	WRF	Yes			Retail Trade	Lupe Ramos	208-773-5685	710 N Cecil Rd									5661	448210	
Pawpular Paws Pet Grooming	NIU	No pollutants of concern	None	07/10/13	WRF	Yes			Professional, Scientific, and Technical Services	Mark R Hunsaker	208-964-5212	803 E Second Ave									7378	811212	
Payless Shoesource #1235	NIU	No pollutants of concern	None	09/13/13	WRF	Yes			Services	Lewis L Farmer	208-457-0720	245 W Frontier Trail									8742	541613	
Pc-Ernt	NIU	No pollutants of concern	None	05/22/13	WRF	Yes			Services	Carl D Peach	208-777-1010	1145 E Polston Ave									8211	621210	
Pcmc, Inc	NIU	No pollutants of concern	None	05/03/13	WRF	Yes			Retail Trade	Annette Eberlein	208-691-5975	4567 E Mossberg Cir									5961	454111	
Peach Orthodontics	NIU	?	Bleach, Cleaners	11/04/13	WRF	Yes			Services	Gary Retter, Jim Doty	208-773-0601	927 E Polston Ave									7991	713940	
Peaches Park Book Sales	NIU	No pollutants of concern	None	09/23/11	WRF	Yes			Services Tcegs	Chris Bondereako	208-704-3056	601 E Third Ave									7349	4953	
Peak Health & Wellness	NIU	No pollutants of concern	None	10/23/13	WRF	Yes			Services	Sandy Bradbury	509-710-9804	3900 E Sixteenth Ave Ste A									7231	812112	
Peel N Steel	NIU	No pollutants of concern	None	01/09/13	WRF	Yes			Services	James K Marble	208-755-8360	3372 E Lashaw Ct									7336	541430	
Pelle Bella	NIU	No pollutants of concern	None	04/09/13	WRF	Yes			Agri, For, Fish	Luke Vernon	208-704-1781	106 W Tenth Ave									782	722515	
Pearlwee Designs	NIU	?	Acetone	10/29/13	WRF	Yes			Manuf	Mark & Amy Morfitt	208-765-4443	6200 E Commerce Lp									3479	332812	
Perfection Landscape & Sprinklers	NIU	No pollutants of concern	None	09/10/13	WRF	Yes			Services Retail Trade	Brandon Schillinger	208-773-2178	302 W Seltice Way									7534, 5531	441320 811198	
Perfection Powder Coating	NIU	No pollutants of concern	None	03/05/13	WRF	Yes			Other Services (except Public Administration)	Terry Moore	208-699-9255	504 S Riverside Harbor Dr									752	812910	
Perfection Tire #36 Inc	NIU	No pollutants of concern	None		License	Yes	1/18/2018		Agri, For, Fish	Stacey Mann	208-818-2492	611 E Seltice Way	Post Falls	ID	83854	201 E 6th Avenue	Post Falls	ID	83854	208-446-5581			
Permanently Pretty LLC	NIU	No reasonable potential	None		License	Yes	1/18/2018		Nursery	Peter Thomas Zajac	208-777-7261	731 N. Aberdeen Court	Post Falls	ID	83854		Post Falls	ID	83854	208-777-7261			
Pet Sitting Amber Moore	NIU	No pollutants of concern	None	04/26/13	WRF	Yes			Financial-Real Estate, Stocks, Coins	Nikolaus Petersen	208-704-7366	101 S Handy St									7373	541512	
Petal Pushers Nursery	NIU	?	Cleaning Supplies	06/10/13	WRF	Yes			Services	Cliff Findlay	208-618-5005	1800 E Polston Ave	Post Falls	ID	83854	PO Box 3459	Post Falls	ID	83877	208-618-5005	5511	441110	
Pete Z Investments	NIU	No pollutants of concern	None	05/22/13	WRF	Yes			Retail Trade	Del Williams	208-773-3902	311 W Cherys Way									8321	621210	
Petersen Data Systems	NIU	No pollutants of concern	None	10/01/13	WRF	Yes			Loan-Payday	Kenneth Weaver	208-660-2622	2700 E Seltice Way Ste 11	Post Falls	ID	83854	PO Box 5	Cashmere	WA	98815	208-777-9773	6141	522298	
Pf Auto Llc Dba Findlay Nissan	NIU	No reasonable potential	None	08/14/12	WRF	Yes			Energov	Chris Cheeley	208-773-4046	3904 E Mullan Ave Ste I	Post Falls	ID	83854							5999	443112
Pf Just For Kids	NIU	No pollutants of concern	None	12/05/13	WRF	Yes			Retail Trade	Chris Cheeley	208-619-6101	3760 E Seltice Way									5999	443112	
Pf Loan Llc Dba Express Loans	NIU	No pollutants of concern	None	06/04/13	License	Yes	1/18/2018		Arts, Entertainment, and Recreation	Jeff Rowley/Leann Rowley	208-484-7724	2923 N Cormac Loop	Post Falls	ID	83854	2923 N Cormac Loop	Post Falls	ID	83854	208-484-7724			
Pg Window Cleaning	NIU	No pollutants of concern	None	07/18/13	WRF	Yes			Retail Trade	Kathy Sells	208-773-0593	3636 W Fifth Ave	Post Falls	ID	83854	Tax Dept PO Box 10146	Knoville	TN	37939	208-773-0593	5812	722513	
Phones Plus Inc	NIU	?	Diesel, Gas, Fogs	07/18/13	WRF	Yes			Retail Trade	Blaine Colwell	208-773-0593	3636 W Fifth Ave									5541	447110	
Piano Northwest	NIU	No reasonable potential	None	07/31/13	License	Yes	1/18/2018		Mobile Concessions	Adeltatena Bodam	509-216-6198	377 N Silkwood Drive	Post Falls	ID	83854	377 N Silkwood Drive	Post Falls	ID	83854	509-216-6198			
Pi-Daho Pizza	NIU	No pollutants of concern	None	07/13/13	WRF	Yes			Clinic-Physical Therapy	Mark Bengtson & Jennifer Couper	208-774-2424	1590 E Polston Avenue, Ste. B	Post Falls	ID	83854	1590 E. Polston Avenue, Ste. B	Post Falls	ID	83854	208-777-4242	8049	621340	
Pilot Travel Center #639 - Subway	NIU	No pollutants of concern	None	04/12/13	WRF	Yes			Retail Trade	Dave & Cyndi Brubaker	208-773-5328	830 N Spokane St A									5813	722410	
Pink Cloud Concessions	NIU	?	Fog	11/05/13	WRF	Yes			Retail Trade	Jan & Julie Speelman	208-777-4373	3904 E Mullan Ave Ste D									5812	722513	
Pinnacle Physical Therapy & Sports Medicine Inc	NIU	?	Fog	01/08/14	WRF	Yes			Retail Trade	Aaron Disterhaub	208-773-3538	920 E Polston Ave									5812	722513	
Pit Stop	NIU	?	Acetone, Cutting Fluids (None Poured In The Drain)	08/20/13	WRF	Yes			Manuf	Jeff & Mary Lange	208-773-9998	4642 W Selway Ave									3089	333511	
Pizza Factory Post Falls Llc	NIU	No pollutants of concern	None	02/05/13	WRF	Yes			Fin. Ins. Re	Steve Carlson & Matthew Richter	208-667-8795	707 N Post St									6162	522310	
Pizza Hut 27735	NIU	?	None	05/23/13	WRF	Yes			Services	Brandon Mason	208-262-3823	4171 W Expo Pkwy									8062	622110	
Plastic Model Engineering, Inc	SIU	See IU Survey	See IU Survey	06/27/13	WRF	Yes			Manuf	Todd Brinkmeyer	208-773-7521	401 N Pollatch Rd									2493	321219	
Platinum Home Mortgage Corporation	NIU	No reasonable potential	None	1/13/2018	Energov	Yes			Construction	Julie Nowak	509-590-4100	6020 W Seltice Way	Post Falls	ID	83854	1324 N Liberty Lake Rd #226	Liberty Lake	WA	99019	509-590-4100		561710	
Pleasant View Surgery Center, Llc	NIU	No pollutants of concern	None	02/26/13	WRF	Yes			Services	Robert S Wiles	208-773-1999	3355 E Poleline Ave									7299	531130	
Plummer Forest Products, Inc	NIU	?	None	06/11/13	WRF	Yes			Services	Kathy Baker, Prin	208-773-1508	3483 E Ponderosa Blvd									8211	611110	
Poe Asphalt Paving Inc.	NIU	?	None	09/12/13	WRF	Yes			Services	Brad Barlow	208-777-9331	602 N Calgary Ct Ste 203									8011	621493	
Pointe Pest Control	NIU	No pollutants of concern	None	06/10/12	WRF	Yes			Services	Bill Hohenstreet	208-773-5870	1608 N Spokane St									8661	813110	
Ponderosa Elementary School	NIU	No pollutants of concern	None	10/09/13	WRF	Yes			Services	Leann Watson	208-691-3611	2785 W Seltice Way Ste A									7241	611511	
Post Falls Asc Llc	NIU	?	None	10/11/13	WRF	Yes			Services	Bill Rigoll	208-777-2636	1260 E Stetson Ave									7699	451110	
Post Falls Baptist Church	NIU	?	Microbrewery		License	Yes	1/18/2018	Left message	Microbrewery	Dan Stokes	520-591-6538	112 N Spokane Street	Post Falls	ID	83854	901 S Osprey Drive	Post Falls	ID	83854	520-591-6538			
Post Falls Barber Shop	NIU	No pollutants of concern	None	05/03/13	WRF	Yes			Services	Pam Houser, Cao	208-773-5016	201 E Fourth Ave									8641	813410	
Post Falls Bike Shop	NIU	No pollutants of concern	None	09/16/13	WRF	Yes			Services	Richard A Hauser	208-777-9600	614 E Seltice Way Ste A									8041	621310	
Post Falls Brewing Company	NIU	No pollutants of concern	None	09/16/13	WRF	Yes			Services	Church Of The Nazarene Of Post Falls, Inc.	208-773-6021	409 W 12th Avenue	Post Falls	ID	83854	P.O. Box 3338	Post Falls	ID	83877	208-773-4621			
Post Falls Chamber Of Commerce	NIU	No pollutants of concern	None	01/28/13	WRF	Yes			Retail Trade	Gabriel Bocher	208-777-6054	621 N Spokane St	Post Falls	ID	83854	621 N Spokane Street	Post Falls	ID	83854	208-457-8696	5812	722515	
Post Falls Chiropactic	NIU	No pollutants of concern	None	03/19/13	WRF	Yes			Services	Connie Patrick	208-777-6054	1300 E Mullan Ave Ste 120									8092	621492	
Post Falls Church Of The Nazarene	NIU	?	None	08/21/13	WRF	Yes			Services	Adam Burton	208-773-2878	606 N Spokane St									7216	812320	
Post Falls Coffee Co	NIU	No pollutants of concern	None	08/07/13	WRF	Yes			Services	Shirley Grant / Run Nold?	208-773-2923	209 E Railroad Ave									8641	813410	
Post Falls Dialysis	NIU	No pollutants of concern	None	02/15/13	WRF	Yes			Const	Donald Dethloff	208-773-9111	409 N Polston Ave									1731	236210	
Post Falls Dry Cleaners	NIU	No pollutants of concern	None	08/20/13	WRF	Yes			Services	Karen Sines	208-773-1180	1110 E Polston Ave									8042	621320	
Post Falls Eagles #3682	NIU	?	Cleaning Supplies	08/20/13	WRF	Yes			Services	Dr. Kenneth J Lynn	208-773-4579	313 N Spokane St											

Business Name	IU Type	Reason*	Pollutants of Concern	Survey Completion Date	Data Source	Eliminated from Survey?	Survey Sent Date	If not returned, actions taken	Business Type	Contact	Phone#	Business Address	Business City	Business State	Business Zip	Mail Address	Mail City	Mail State	Mail Zip	Business Phone	SIC CODE	NAICS CODE	
Prinrose	NIU	No pollutants of concern	None	06/11/13	WRF	Yes			Retail Trade	Bessie Zobel	435-363-9188	500 E Shoreline Ct									5261	444220	
Prince Telecom, LLC	NIU	No pollutants of concern	None	09/11/13	WRF	Yes			Professional, Scientific, and Technical Services	Mikele Williams	208-773-8662	503 E Seltice Way Ste 16									2741	511199	
Printed Impressions	NIU	No pollutants of concern	None	09/18/13	WRF	Yes			Manuf	Ron Sowers	208-660-7106	1618 E First Ave									7378	811212	
Printer & Computer Tech Services	NIU	No pollutants of concern	None	12/05/13	WRF	Yes			Fin, Ins, Re	Shelley Audrey	208-457-9947	323 N Spokane St Ste 200									6411	524210	
Pro Ag Management, Inc	NIU	No pollutants of concern	None	06/17/13	WRF	Yes			Retail Trade	Tim Borg	208-773-1560	4074 E Horsehaven Ave									5211	444110	
Probuild Company Lc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Pet Sitting	Cathy E Ray	208-661-3354	302 E Aerie Ct	Post Falls	ID	83854		Post Falls	ID	83854	208-661-3354			
Progressive Printing, Inc	NIU	?	Blanket Wash, Plate & Film Developer	08/13/13	WRF	Yes			Manuf	Loren Cook	208-773-5500	510 E Fifth Ave									2741	511120	
Proper Pelouette	NIU	No pollutants of concern	None	01/17/13	WRF	Yes			Agri, For, Fish	Stephanie Vichinsky	208-964-4806	950 N Recal Ct									752	115210	
Property Management Investment Group Llc	NIU	No pollutants of concern	None	12/05/13	WRF	Yes			Fin, Ins, Re	Darlene Berry	208-457-9723	614 E Seltice Way Ste D									6531	531312	
Pulsed Therapy	NIU	No pollutants of concern	None	07/09/13	WRF	Yes			Professional, Scientific, and Technical Services	Ted Pulver	208-773-3211	804 N Lincoln St Ste 3									7381	561611	
Pulver Investigations	NIU	No pollutants of concern	None	12/12/12	WRF	Yes			Services	Johnny L Aker	208-669-1799	2313 N Stagecoach Dr									2086	312121	
Purple Orion Catering Company	NIU	No reasonable potential	None	09/21/13	WRF	Yes	1/18/2018		Catering	Kevin Ward	208-215-1740	630 N Spokane St Ste 5	Post Falls	ID	83854		Post Falls	ID	83854	208-777-2253			
PutN Around	NIU	No pollutants of concern	None	05/14/13	WRF	Yes			Services	Angie Mcfadden	208-964-4304	2902 E Seltice Way									7999	713910	
QC Contracting	NIU	No pollutants of concern	None	11/13/13	WRF	Yes			Construction	Ned S Abrams	208-699-3821	2372 N Mackenzie Dr									8711	541330	
Qminx Llc	NIU	No reasonable potential	None	03/19/13	License	Yes	1/18/2018		Insurance	Aimee Delavan, Quad Marketing Inc	208-755-5696	755 N Regal Street	Post Falls	ID	83854	755 N Regal Street	Post Falls	ID	83854	208-773-7531		6411	524210
Quad Marketing, Inc Dba Insurance Shoppe	NIU	No reasonable potential	None	03/19/13	License	Yes	1/18/2018		Fin, Ins, Re	Carla Barnes & Mike Chapman	406-293-1983	3175 E. Seltice Way	Post Falls	ID	83854	3175 E. Seltice Way	Post Falls	ID	83854	208-773-8900		8351	624410
Quality Inn	NIU	No reasonable potential	None	07/09/13	WRF	Yes			Lodging-Motel	Becky & Jesse Flammard	208-777-8715	2739 W Seltice Way									8351	624410	
Quality Kids Care	NIU	?	Cleaning Supplies	01/07/14	WRF	Yes			Services	Jesse & Becky Flammard	208-818-1304	709 E Eighth Ave									8351	624410	
Quality Kids Care, Inc	NIU	No pollutants of concern	None	06/17/13	WRF	Yes			Const	Randy Or Charlynn Varnell	208-765-7796	316 W Twentieth Ave									1611 1771	237310 238990	
Quality Maintenance	NIU	No pollutants of concern	None	06/04/13	WRF	Yes			Retail Trade	Jeff & Melissa Barnhart	208-457-8868	1611 E Edmonton Ave									5722	443111	
Quality Stoves	NIU	?	Sealant, Water Base Paint	10/01/13	WRF	Yes			Services	Carol Quesnell	208-773-7167	710 W Mullan Ave									7231	812112	
Quessnell'S Salon	NIU	No reasonable potential	None		License	Yes	1/18/2018		Admin. Support, Waste Mgmt, Remediation Services	Vicki M Young	208-946-7943	3000 E Seltice Way #9	Post Falls	ID	83854	3000 E Seltice Way #9	Post Falls	ID	83854	208-946-7943			
Quickflow Drain Service	NIU	?	Cleaners; Bug Spray	05/16/13	WRF	Yes			Massage Therapy	Vicki M Young	208-946-7943	3000 E Seltice Way #9	Post Falls	ID	83854	3000 E Seltice Way #9	Post Falls	ID	83854	208-946-7943			
Quiet Hands Massage	NIU	No pollutants of concern	None	02/28/13	WRF	Yes			Massage Therapy	Diana Gehring, Mgr	208-777-9644	101 E Seltice Way									6141	522298	
Quiet Hands Massage	NIU	No pollutants of concern	None	09/18/12	WRF	Yes			Fin, Ins, Re	Angela Quinn	208-773-0140	518 E Fifth Ave									5712	442110	
Quik Cash	NIU	?		09/18/12	License	Yes	1/18/2018		Services	Rick True	208-773-7722	3002 W Seltice Way									7538	811111	
Quinn Essentials Inc	NIU	No reasonable potential	None	10/16/13	License	Yes	1/18/2018		Accounting-Cpa	R. Scott Haug	208-773-1148	917 N Spokane St	Post Falls	ID	83854	PO Box 1373	Post Falls	ID	83877	208-773-1100		5812	722511
R & B Automotive	NIU	?	Fogs	2/12/08	License	Yes	1/18/2018		Retail Trade	Gary Geiger	208-457-8900	2556 E Seltice Way											
R Scott Haug, Cpa, Pllc	NIU	No pollutants of concern	None	12/05/13	WRF	Yes			Manufacturing	Scott Mccaulley	208-818-2976	6165 E Commerce Loop	Post Falls	ID	83854	6165 E Commerce Loop	Post Falls	ID	83854	818-2976		5812	337321
R U Hunery Llc Dba Burger King #18133	NIU	No pollutants of concern	None	12/05/13	WRF	Yes			Services	R Scott Haug	208-773-1100	917 N Spokane St									8721	541211	
R&S Machine Consultants Lc	NIU	No pollutants of concern	None	05/14/13	WRF	Yes			Retail Trade	Charles Roberts	208-773-2826	3134 E Mullan Ave Ste A									5731	441310 443112	
R. Scott Haug Cpa, Pllc	NIU	No pollutants of concern	None	08/07/13	WRF	Yes			Services	Jessica Flory	208-691-6198	1701 E Second Ave									8351	624410	
Radio Shack 01-3364	NIU	No pollutants of concern	None	09/12/13	WRF	Yes			Retail Trade	Jose Rodriguez	509-951-4828	2525 E Seltice Way									5812	722511	
Rainbow Play School	NIU	?	Packing Foam	05/05/12	WRF	Yes			Manuf	Chad Farrar	208-777-1166	806 S Clearwater Lp									3699 3629	335999	
Rancho Viejo	NIU	No pollutants of concern	None	03/05/13	WRF	Yes			Services	Charles Raymond Newkirk-Larsen Ii	208-704-2221	1602 N Summer Rose St									7296, 7699	488490 561790	
Raycap, Inc	NIU	No reasonable potential	None	06/24/13	License	Yes	1/18/2018		Residential-Moss, Chimney, Snow	Charles Raymond Larsen Ii	208-704-2221	1602 N Summer Rose	Post Falls	ID	83854	1602 N Summer Rose	Post Falls	ID	83854	208-704-2221		8712	541310
Ray/S Rooftop Moss Removal/Chimney Sweep/Snow Plowing & Services - The Moss Man	NIU	No pollutants of concern	None	06/24/13	WRF	Yes	1/18/2018		Services	Robert Schmidt	208-661-2230	903 E Glacier Peak Dr	Post Falls	ID	83854	1340 Kanikou Street	Post Falls	ID	83854	208-946-7718		6411	531320
Ray/S Rooftop Moss Removal/Chimney Sweep/Snow Plowing & Services - The Moss Man	NIU	No reasonable potential	None	07/09/13	License	Yes	1/18/2018		Furniture-Wholesaler	Daniel Garayola	208-946-7718	6195 Commerce Loop	Post Falls	ID	83854	1340 Kanikou Street	Post Falls	ID	83854	208-946-7718		6411	531320
Rca Design Llc	NIU	No pollutants of concern	None	07/09/13	WRF	Yes			Fin, Ins, Re	Joseph & Elisabeth Benjamin	208-773-0402	1904 E Second Ave											
Rd Precision Enterprises Llc	NIU	No reasonable potential	None	10/03/13	WRF	Yes			Real Estate-Appraisal	Joseph & Elisabeth Benjamin	208-773-7281	1904 E. 2nd Avenue	Post Falls	ID	83854	P.O. Box 3436	Post Falls	ID	83877	208-773-0402		5932	453310
Real Estate Opinions Northwest, Inc	NIU	No pollutants of concern	None	08/07/13	WRF	Yes	1/18/2018		Retail Trade	Karen Swanstrom	208-777-0927	1916 N Cecil Rd									8661	813110	
Real Estate Opinions Northwest, Inc.	NIU	No pollutants of concern	None	08/07/13	WRF	Yes	1/18/2018		Services	Lance Wlpton	208-777-7325	1866 N Cecil Rd	Post Falls	ID	83854	1866 N Cecil Rd	Post Falls	ID	83854	208-777-0927			
Real Life Ministries	NIU	No reasonable potential	None	10/18/13	WRF	Yes			Thrift Store	Real Life Ministries	208-777-7325	1916 N Cecil Rd											
Real Life Ministries Thrift Store	NIU	No pollutants of concern	None	04/09/13	WRF	Yes			Professional, Scientific, and Technical Services	Woundco Holdings Inc	888-750-7828	6140 E Commerce Lp Ste A									7352	532291	
Rebel Rose Salon	NIU	No pollutants of concern	None	04/09/13	WRF	Yes			Services	Sam Tipton	208-777-9848	55 N Cedar St									7549	488410	
Recover Care Lc	NIU	No pollutants of concern	None	06/17/13	License	Yes	1/18/2018		Concrete Restoration	William Van Komen	208-691-6931	414 E Sand Wedge Drive	Post Falls	ID	83854	340 E Sand Wedge Drive	Post Falls	ID	83854			7011 4493	721110 713930
Recovery Masters Towing	NIU	No reasonable potential	Cleaning Agents; Fogs	06/17/13	License	Yes	1/18/2018		Services Toga	Suzie Mize	208-773-1611	414 E Sand Wedge Drive	Post Falls	ID	83854	340 E Sand Wedge Drive	Post Falls	ID	83854				
Red Concrete	NIU	No reasonable potential	Cleaning Agents; Fogs	06/17/13	License	Yes	1/18/2018		Real Estate Appraisal	Michael Orsua	208-691-1092	4652 E Fennec Fox Lane	Post Falls	ID	83854	4652 E Fennec Fox Lane	Post Falls	ID	83854	208-691-1092			
Red Lion Terrain'S Resort	NIU	No reasonable potential	Cleaning Agents; Fogs	06/17/13	License	Yes	1/18/2018		Rehabilitation Hospital	David Cox	208-262-8700	3372 E Jenalan Ave	Post Falls	ID	83854	4652 E Fennec Fox Lane	Post Falls	ID	83854	208-262-8714			
Redband Valuations, Llc	NIU	No reasonable potential	Cleaning Agents; Fogs	06/17/13	License	Yes	1/18/2018		Health Care and Social Assistance	Paula Rehmann	208-777-3093	2600 E Seltice Way Ste D									7299	812199	
Rehabilitation Hospital Of The Northwest	NIU	No pollutants of concern	None	04/05/13	WRF	Yes			Services	John J Simon	208-773-1590	615 E Seltice Way Ste E									5999 7629	453998 811212	
Relatives As Parents Inc	NIU	No reasonable potential	Cleaning Products	08/29/13	WRF	Yes			Retail Trade Services	Adam Hegsted - The Eat Good Group	509-768-2178	205 E Seltice Way, C	Post Falls	ID	83854	24001 E Mission Ave, Suite 190	Liberty Lake	WA	99019	208-457-3610			
Relax N Tan	NIU	?		1/18/2018	License	Yes	1/18/2018	Left message	Restaurant	Adam Hegsted - The Eat Good Group	509-768-2178	120 E 4th Street	Post Falls	ID	83854	24001 E Mission Ave, Suite 190	Liberty Lake	WA	99019	208-457-3610			
Reliable Office Systems	NIU	No pollutants of concern	None	08/29/13	WRF	Yes			Other Services (except Public Administration)	Robert Griese	208-691-0061	1370 Moonstone Street	Post Falls	ID	83854	1869 E Seltice Way #209	Post Falls	ID	83854	208-691-0061			
Replenished You Permanent Cosmetics	NIU	No reasonable potential	Cleaning Products	04/05/13	WRF	Yes			Photography	Jason Bell & Ivan Eiliff	208-449-8616	3841 N Madril Lane	Post Falls	ID	83854	3841 N Madril Lane	Post Falls	ID	83854	208-449-8617			
Republic Kitchen + Taphouse	NIU	?		11/16/10	WRF	Yes	1/18/2018		Dispatch	Rhonda Cowell	208-777-8821	3904 E Mullan Ave Ste G									7231	812112	
Restoration Market	NIU	No pollutants of concern	None	09/27/13	WRF	Yes			Retail Trade	Ricardo E Chung P	208-620-0132	504 E Seltice Way Ste A									5812	722511	
Rg Artistic Impressions	NIU	No pollutants of concern	None	05/08/12																			

Business Name	IU Type	Reason*	Pollutants of Concern	Survey Completion Date	Data Source	Eliminated from Survey?	Survey Sent Date	If not returned, actions taken	Business Type	Contact	Phone#	Business Address	Business City	Business State	Business Zip	Mail Address	Mail City	Mail State	Mail Zip	Business Phone	SIC CODE	NAICS CODE	
Sally Beauty Supply #10461	NIU	No reasonable potential			License	Yes	1/18/2018		Beauty Supplies	Sally Beauty Supply	800-777-5706	740 Cecil Road #101	Post Falls	ID	83854	Tax Dept. PO Box 90220	Denton	TX	76202	406-360-8111			
Salvage 7	NIU	No reasonable potential			License	Yes	1/18/2018		Antiques	Shelley Eppers	208-964-8008	1600 E Seltice Way, Suite F	Post Falls	ID	83854	428 W Ashworth Lane	Post Falls	ID	83854	208-773-4041			
Sand's Auto	NIU	No pollutants of concern	None	08/03/13	WRF	Yes			Retail Trade	Paul (Skip) Sand	208-773-0525	102 E Fourth Ave	Post Falls	ID						5521	441120		
Sandy's Cleaning	NIU	No reasonable potential			License	Yes	1/18/2018		Cleaning-Residential	Sandy Fields	208-819-6254	2807 N Sharon Dr	Post Falls	ID	83854	2807 N Sharon Dr	Post Falls	ID	83854	208-819-6254		2035	311421
Sarah's Kimchee	NIU	No pollutants of concern	None	02/10/12	WRF	Yes			Manuf	Sarah H Gilbert	208-704-2845	304 W Fourth Ave	Post Falls	ID							5961	454111	
Sava Sports	NIU	No pollutants of concern	None	08/16/12	WRF	Yes			Services	Chad Savoure	208-215-8684	1631 W Yaguina Dr	Post Falls	ID	83854	3403 Garin Court	Post Falls	ID	83854	208-661-9234		5961	454111
Sbr Authority	NIU	No reasonable potential			License	Yes	1/18/2018		Sporting Goods	David Hampton	208-661-9234	3403 Garin Court	Post Falls	ID	83854	3403 Garin Court	Post Falls	ID	83854	208-661-9234			
Schirmer Enterprises	NIU	No reasonable potential			License	Yes	1/18/2018		Consulting-Hunting, Fishing	Erich Schirmer	530-249-6093	1125 N Shannon Lane	Post Falls	ID	83854	1125 N Shannon Lane	Post Falls	ID	83854	530-249-6093		8711	541330
Schneider Engineering & Automation	NIU	No pollutants of concern	None	08/08/13	WRF	Yes			Services	Andrew Schneider	208-773-4800	690 S Clearwater Lp	Post Falls	ID	83854	690 S Clearwater Lp	Post Falls	ID	83854	208-457-4040		8741	561111
Schneiderl Farms	NIU	No pollutants of concern	None	05/14/13	WRF	Yes			Services	Claydy Schneider	208-773-4466	1511 N Shannon Ln	Post Falls	ID	83854	1511 N Shannon Ln	Post Falls	ID	83854	208-999-7788		5999	453998
Scooters America	NIU	No pollutants of concern	None	08/09/13	WRF	Yes			Retail Trade	Andrew Jeske	208-773-8448	570 S Clearwater Lp Ste A	Post Falls	ID	83854	570 S Clearwater Lp Ste A	Post Falls	ID	83854	208-773-8448			
Scooters America Llc, Dba American Seating & Mobility	NIU	No reasonable potential			License	Yes	1/18/2018		Medical-Equipment, Powerchair	Andrew Jeske	208-704-0250	1640 E Schneidmiller Avenue	Post Falls	ID	83854	1640 E Schneidmiller Avenue	Post Falls	ID	83854	208-773-8448			
Scott Shawer's Auto Body And Rv, Llc	NIU	?			License	Yes	1/18/2018	Left message	Auto Body Repair	Tracy Christopherson	208-457-4040	2915 Seltice Way	Post Falls	ID	83854	2915 Seltice Way	Post Falls	ID	83854	208-457-4040			
Scott's Plumbing	NIU	?			License	Yes	1/18/2018		Plumbing	Scott Gemberling	208-899-7788	1105 N Lincoln Street	Post Falls	ID	83854	1105 N Lincoln Street	Post Falls	ID	83854	208-999-7788		7389	541990
Scuba Bob	NIU	No pollutants of concern	None	1/22/2018	License	Yes			Services	Melvin R Hamilton	509-220-1630	1085 N Shannon Ln	Post Falls	ID	83854	1085 N Shannon Ln	Post Falls	ID	83854	208-999-7788			
Second Star Tattoo & Body Piercing	NIU	No reasonable potential			License	Yes	1/18/2018		Tattoo Shop	Brittany Smith & Stephanie Smith	208-457-9500	5250 E Seltice Way #C	Post Falls	ID	83854	5250 E Seltice Way #C	Post Falls	ID	83854	208-457-9500			
Sekirik Endocrinology	NIU	?	Fog	06/03/03	WRF	Yes			Health Care and Social Assistance	Barney Brewton	208-773-1681	1100 N Chase Rd	Post Falls	ID	83854	1100 N Chase Rd	Post Falls	ID	83854	208-773-1681		8211	611110
Seltice Elementary School	NIU	?	Fog	08/26/13	WRF	Yes			Services	Jack Wardian	208-773-1115	2450 E Seltice Way	Post Falls	ID	83854	2450 E Seltice Way	Post Falls	ID	83854	7542 7215		611110	
Seltice Laundry, Auto Shine Car Wash, Rapid Fire Plastics	NIU	?	Detergents	08/26/13	WRF	Yes			Services	Jack Wardian	208-773-1115	2450 E Seltice Way	Post Falls	ID	83854	2450 E Seltice Way	Post Falls	ID	83854	7542 7215		811192 812310	
Seltice Subway Lic	NIU	?	Fog, Phos	05/24/13	WRF	Yes			Retail Trade	Darin Winkler	509-995-0566	105 W Seltice Way	Post Falls	ID	83854	105 W Seltice Way	Post Falls	ID	83854	208-773-4441		5812	722513
Seltice Thrift Store	NIU	No pollutants of concern	None	10/03/13	WRF	Yes			Retail Trade	Shelly Love	208-699-1305	2785 W Seltice Way	Post Falls	ID	83854	2785 W Seltice Way	Post Falls	ID	83854	5932	453130		
Serenity Salon & Spa Lic	NIU	No pollutants of concern	None	03/08/13	WRF	Yes			Services	Erik Hugheft / Jessica Botto	208-262-9169	503 E Seltice Way Ste 6	Post Falls	ID	83854	503 E Seltice Way #6	Post Falls	ID	83854	208-777-3093		7231	812112
Serenity Tan Lic	NIU	No reasonable potential			License	Yes	1/18/2018		Tanning Salon	Jessica Botto	509-995-8819	2600 E Seltice Way, Suite D	Post Falls	ID	83854	2600 E Seltice Way, Suite D	Post Falls	ID	83854	208-777-3093			
Seven Oaks Community Homes, Inc.	NIU	No reasonable potential			License	Yes	1/18/2018		Assisted Living-Facility	Richard Davis	208-376-1861	3940 W 5th Ave Bldg C	Post Falls	ID	83854	P.O. Box 4243	Boise,	ID	83711	208-773-8890		7219	811490
Sew Sassy	NIU	No pollutants of concern	None	04/26/13	WRF	Yes			Services	Ami Rickard	208-771-2663	2297 E Stonebridge Ct	Post Falls	ID	83854	2297 E Stonebridge Ct	Post Falls	ID	83854	208-773-8890			
SF Property Management	NIU	No reasonable potential			License	Yes	1/18/2018		Real Estate and Rental and Leasing	Shannon Bryant	509-630-6202	1376 W Tualatin Drive	Post Falls	ID	83854	1376 W Tualatin Drive	Post Falls	ID	83854	509-630-6202			
Shannon's Boutique	NIU	No pollutants of concern	None	03/13/13	WRF	Yes			Clothing	Shannon Trotter	208-597-4547	2141 E Decaro Lp	Post Falls	ID	83854	2141 E Decaro Lp	Post Falls	ID	83854	208-457-9140		8351	624410
Sharon Hughes Machine Quilting Studio	NIU	No reasonable potential			License	Yes	1/18/2018		Quilting	Sharon Hughes	208-457-9140	694 N McDonald Court	Post Falls	ID	83854	694 N McDonald Court	Post Falls	ID	83854	208-457-9140			
Shear Lusk Salon LLC	NIU	No pollutants of concern	None	05/14/13	WRF	Yes			Professional, Scientific, and Technical Services	Barbara Kraxberger	208-262-6698	1616 E Seltice Way Ste 213	Post Falls	ID	83854	1616 E Seltice Way Ste 213	Post Falls	ID	83854	208-457-9140		8049	621399
Shen Tang Acupuncture And Wellness Clinic	NIU	No pollutants of concern	None	05/14/13	WRF	Yes			Professional, Scientific, and Technical Services	Barbara Kraxberger	208-262-6698	1616 E Seltice Way Ste 213	Post Falls	ID	83854	1616 E Seltice Way Ste 213	Post Falls	ID	83854	208-457-9140			
Shenango Screen Printing, Inc	NIU	?	Degreaser; Stencil Remover; Reclaiming Materials	08/12/13	WRF	Yes			Manuf	Jerry Fraley	208-667-1406	6120 E Commerce Lp	Post Falls	ID	83854	6120 E Commerce Lp	Post Falls	ID	83854	208-667-1406		2396	313312
Sheryl A Fendall, LMT	NIU	No reasonable potential			License	Yes	1/18/2018		Professional, Scientific, and Technical Services	Judi Williams	208-964-6672	817 N Henry	Post Falls	ID	83854	817 N Henry	Post Falls	ID	83854	208-964-6672			
Shine Boss	NIU	No reasonable potential			License	Yes	1/18/2018		House Cleaning	Judi Williams	208-964-6672	817 N Henry	Post Falls	ID	83854	817 N Henry	Post Falls	ID	83854	208-964-6672			
Shooters Supply Gun & Pawn	NIU	No reasonable potential			License	Yes	1/18/2018		Retail Trade	Judi Williams	208-964-6672	817 N Henry	Post Falls	ID	83854	817 N Henry	Post Falls	ID	83854	208-964-6672			
ShortStack Designs	NIU	?	Fogs, Phos, Cleaners	07/31/13	WRF	Yes			Retail Trade	Betty J Romps	208-777-8444	1780 E Schneidmiller Ave	Post Falls	ID	83854	1780 E Schneidmiller Ave	Post Falls	ID	83854	208-777-8444		5812	722511
Side Street Breakfast Lunch Place	NIU	?	Fogs, Phos, Cleaners	08/13/13	WRF	Yes			Retail Trade	Keston Ahmer	877-635-5707	1001 S Riverside Harbor Dr	Post Falls	ID	83854	1001 S Riverside Harbor Dr	Post Falls	ID	83854	208-290-8224		5961	454111
Sil Goodness, Inc	NIU	No reasonable potential			License	Yes	1/18/2018		Retail Trade	Jordan Wylie	208-290-8224	3159 N Main St	Post Falls	ID	83854	3159 N Main St	Post Falls	ID	83854	208-290-8224			
Silver Springs Landscaping & Irrigation, Llc	NIU	No reasonable potential			License	Yes	1/18/2018		Irrigation Installation	Phed Investments Lld	208-773-4541	3647 W 5th Avenue	Post Falls	ID	83854	3647 W 5th Ave	Post Falls	ID	83854	208-773-4541			
Silverstone Inn And Suites	NIU	No pollutants of concern	None	12/19/13	WRF	Yes			Contractor-Radiant Heat Floors	Terry Simioni	208-777-2446	3000 E Seltice Way Ste 28	Post Falls	ID	83854	3000 E Seltice Way, Suite 108	Post Falls	ID	83854	208-777-2446		1711	238220
Simioni's Warm Floors Inc	NIU	No pollutants of concern	None	03/01/13	WRF	Yes			Services	Marsha O'Delleliott	208-262-8019	2525 E Seltice Way Ste A	Post Falls	ID	83854	2525 E Seltice Way Ste A	Post Falls	ID	83854	208-777-2446		7231	812112
Simple Elegance Salon	NIU	No reasonable potential			License	Yes	1/18/2018		Services	Cecelia Franks	208-789-5069	3959 E 2nd Avenue #102	Post Falls	ID	83854	3959 E 2nd Avenue #102	Post Falls	ID	83854	208-789-5069		7336	541430
Sister C's Toppers... Grill & Snack House	NIU	No pollutants of concern	None	02/12/13	WRF	Yes			Food Truck	Alexandra Shute	208-773-1725	604 S Clearwater Lp	Post Falls	ID	83854	604 S Clearwater Lp	Post Falls	ID	83854	208-789-5069		6531	531210
Sitoutfour Design By All	NIU	No pollutants of concern	None	01/28/14	WRF	Yes			Fin, Ins, Re	Mary & David Swarat	208-769-9464	1208 N Idaho St	Post Falls	ID	83854	1208 N Idaho St	Post Falls	ID	83854	208-457-9500			
Skin And Bones Tattoo Clinic	NIU	No reasonable potential			License	Yes	1/18/2018		Tattoo-Piercing	Sue Cash	208-277-8687	5250 E Seltice Ste C	Post Falls	ID	83854	5250 E Seltice Ste C	Post Falls	ID	83854	208-457-9500			
Skin Couture Massage And Skin Studio	NIU	?			WRF	Yes			Services	Erica Ruhmshtel	208-641-8353	780 N Cecil Rd Ste 204	Post Falls	ID	83854	780 N Cecil Rd Ste 204	Post Falls	ID	83854	208-457-9500		7299	812199
Skinny Boy Tattoo	NIU	?	Inks & Dyes	05/09/12	WRF	Yes			Services	Raymond Farnham	208-457-9500	5250 E Seltice Way Ste C	Post Falls	ID	83854	5250 E Seltice Way Ste C	Post Falls	ID	83854	208-457-9500		7299	812199
Skiyyee Constn	NIU	No pollutants of concern	None	08/20/13	WRF	Yes			Const	Charles & Robert Cotes	208-773-3444	2905 W Seltice Way	Post Falls	ID	83854	2905 W Seltice Way	Post Falls	ID	83854	208-773-3444		1623	237310
Slab Inn Country Jamboree	NIU	?	Cleaners	08/25/13	WRF	Yes			Retail Trade	Randy Berlin	208-773-5440	801 W Seltice Way	Post Falls	ID	83854	801 W Seltice Way	Post Falls	ID	83854	208-773-5440		5813	722410
Slacks Little Kitchen	NIU	No reasonable potential			License	Yes	1/18/2018		Mobile Food Truck	Joshua Slack	208-777-5732	2216 N Lincoln Street	Post Falls	ID	83854	2216 N Lincoln Street	Post Falls	ID	83854	208-777-5732			
Slick Rock Tanning & Spa	NIU	No pollutants of concern	None	04/11/13	WRF	Yes			Services	Adam Kaplan & Paige Craggett	208-262-9700	724 N Hwy 41 Ste E	Post Falls	ID	83854	724 N Hwy 41 Ste E	Post Falls	ID	83854	208-262-9700		7299	812199
Sling Shots Espresso	NIU	?			WRF	Yes			Retail Trade	Sheena Clark	208-777-3095	3826 E Seltice Way	Post Falls	ID	83854	3826 E Seltice Way	Post Falls	ID	83854	208-262-1413		5812	722515
Smithson Towing & Recovery II Llc	NIU	No pollutants of concern	None	08/26/13	WRF	Yes			Services	Kristina Smithson	208-446-1523	308 W Fourth Ave #55	Post Falls	ID	83854	308 W Fourth Ave #55	Post Falls	ID	83854	208-262-1413		7549	488410
Snr Costume Rental Shop	NIU	No reasonable potential			License	Yes	1/18/																

Business Name	IU Type ID	Reason*	Pollutants of Concern	Survey Completion Date	Data Source	Eliminated from Survey?	Survey Sent Date	If not returned, actions taken	Business Type	Contact	Phone#	Business Address	Business City	Business State	Business Zip	Mail Address	Mail City	Mail State	Mail Zip	Business Phone	SIC CODE	NAICS CODE
Taomastic Corporation	NIU			07/09/13	WRF		1/18/2018		Manuf	Mark Johnson	208-773-8084	802 S Clearwater Ln									3541	333512
Taps Saloon LLC	NIU			09/26/13	WRF	Yes			Accommodation and Food Services	Tony Giagliardo	877-605-7635	3591 E Third Ave Ste 106									7291	541213
Tax Group Center	NIU	No pollutants of concern	None	05/06/13	WRF	Yes			Agri, For, Fish	Heath J Taylor	208-755-5040	1515 E Park Lane									782	516730
Taylor - Made Lawn Care	NIU	No pollutants of concern	None	02/12/13	WRF	Yes			Fin, Ins, Re	Dan & Elaine Taylor	208-773-4441	605 E Seltice Way									6411	524210
Taylor Agency	NIU	No reasonable potential			License	Yes	1/18/2018		Landscaping	Heath J Taylor	208-755-5040	1515 E Park Lane	Post Falls	ID	83854	1515 E Park Lane	Post Falls	ID	83854	208-755-5040		
Taylor-Made Lawn Care	NIU	No reasonable potential			License	Yes	1/18/2018		Soap Making	Timothy Taylor	208-818-7700	617 N Corbin Road	Post Falls	ID	83854	617 N Corbin Road	Post Falls	ID	83854	208-818-7700		
Taylor'S Handcrafted Soaps	NIU	No reasonable potential			License	Yes	1/18/2018		Load Calculations For Hvac	Teressa Franks	208-755-7476	1141 N Bainbridge Street	Post Falls	ID	83854	1141 N Bainbridge Street	Post Falls	ID	83854	208-755-7476		
Tbd Hvac	NIU	No reasonable potential			License	Yes	1/18/2018		Professional, Scientific, and Technical Services	Trevor Donald Robb	509-954-6541	12467 W Moorfield Avenue	Post Falls	ID	83854	12467 W Moorfield Avenue	Post Falls	ID	83854	509-954-6541	8351	624410
TCF and Associates	NIU	No pollutants of concern	None	07/29/13	WRF	Yes			Fence Installation	Lori Walse	208-773-2525	1631 E Seltice Way										
Td Fence	NIU	No pollutants of concern	None	10/11/13	WRF	Yes			Services	Ted Ellington	208-755-0457	3369 E Mountain View Dr										
Team Kids World	NIU	No pollutants of concern	None		License	Yes	1/18/2018		Jewelry Making	Teressa Bond	208-659-0919	2034 W GRANGE AVENUE	Post Falls	ID	83854	2034 W GRANGE AVENUE	POST FALLS	ID	83854	208-659-0919		
Ted'S Small Engine Repair	NIU	No reasonable potential			License	Yes	1/18/2018		Photography	Terina Thompson	509-270-2857	1878 E Dipper Loop	Post Falls	ID	83854	1878 E Dipper Loop	Post Falls	ID	83854	509-270-2857		
Teresa'S Rock-N-Jewelry	NIU	No reasonable potential			License	Yes	1/18/2018		Pet Grooming	Teri Lafontaine	530-941-4352	205 E 3rd Avenue	Post Falls	ID	83854	17226 N Reservoir Rd	Rathdrum	ID	83858	208-773-2516		
Terina Thompson Photography	NIU	No reasonable potential			License	Yes	1/18/2018		Accommodation and Food Services	Theresa Neerer	208-818-7297	855 N Cimmaron St									5961	454111
Ten'S Grooming	NIU	No pollutants of concern	None	01/18/13	WRF	Yes			Retail Trade	Don Ellis	208-699-0251	6000 E Commerce Loop	Post Falls	ID	83854	6000 E Commerce Loop	Post Falls	ID	83854		7699	811490
Tessa Products	NIU	No pollutants of concern	None	01/29/14	WRF	Yes			Arts, Entertainment, and Recreation	Jeannie Miller	208-457-0760	1831 E Bark Ln										
Tgg Inc	NIU	No pollutants of concern	None	05/06/13	License	Yes	1/18/2018		Agri, For, Fish	Cheyenne Hughes/Austin Tate	208-889-0805	316 Spokane Street	Post Falls	ID	83854	POB 656	Post Falls	ID	83877	208-889-0805	742	812910
That Guy Photography	NIU	No pollutants of concern	None	05/07/13	WRF	Yes			Window-Blinds	Jamey L Sankins	208-777-1545	3615 E Covington Ave	Post Falls	ID	83854	3615 E Covington Ave	Post Falls	ID	83854	208-777-1545	2591	337920
The Barking Lodge	NIU	No reasonable potential			License	Yes	1/18/2018		Energy			515 N Garden Plaza Ct										
The Beauty Bar	NIU	No pollutants of concern	None	01/03/14	WRF	Yes			Retail Trade	Doug Weed	208-773-3086	4041 W Riverbend Way										
The Blind Guy, Inc	NIU	No pollutants of concern	None	02/12/2018	License	Yes	1/18/2018		Car Sales	Dave Findley	208-777-0771	2995 E Mullan Ave	Post Falls	ID	83854	208-777-0771						
The Bridge At Post Falls	NIU	No pollutants of concern	None	07/29/13	WRF	Yes			Fin, Ins, Re	Kelly Swanson	208-773-2274	3134 E Mullan Ave										
The Cabin Restaurant	NIU	No pollutants of concern	None	08/28/13	WRF	Yes			Retail Trade	Jim & Wilma Bristol	208-773-8691	761 N Idaho St										
The Car Lot	NIU	No reasonable potential	Fog		License	Yes	1/18/2018		House Cleaning	Tristan Cansino	208-446-9802	316 S Westwood Drive	Post Falls	ID	83854	316 S Westwood Drive	Post Falls	ID	83854	208-446-9802	6141	522291
The Cash Store	NIU	No pollutants of concern	None	02/11/2018	License	Yes			Services	Rebecca M Carroll	208-273-8310	607 E 80th Ave										
The Cigarette Store	NIU	No pollutants of concern	None	08/28/13	WRF	Yes			Retail Trade	Angela Alexander	208-773-8059	1121 N Spokane St										
The Cleaning Lady	NIU	No reasonable potential			License	Yes	1/18/2018		Services	Robert Donihue	509-207-0050	4000 W Riverbend Avenue	Post Falls	ID	83854	PO Box 63	Malo	WA	99150	509-207-0050	5812	722515
The Coaching Educator	NIU	No pollutants of concern	None	02/11/14	WRF	Yes			Restaurant-Café	Robert W Terpra	208-699-0433	203 E Seltice Way	Post Falls	ID	83854	5995 E Lacewood Ln	Post Falls	ID	83854	208-773-3785	5812	722511
The Coffee Cottage Lic	NIU	No reasonable potential	Cleaning Agents	08/29/13	License	Yes	1/18/2018		Wood Carving	Terry Winget	208-660-0259	905 S Riverside Harbor Dr	Post Falls	ID	83854							
The Coffee Place	NIU	No reasonable potential			License	Yes	1/18/2018		Manuf	Cynthia Loraas	208-771-0191	1080 N Townsend Ln	Post Falls	ID	83854	1627 E Sweetwater Circle #320	Post Falls	ID	83854	208-822-9282	2391; 2392	314121 314999
The Corner Café	NIU	No reasonable potential	Fog, Phos	01/21/14	WRF	Yes			Coffee Stand	Robert Donihue	509-207-0050	4000 W Riverbend Avenue	Post Falls	ID	83854	PO Box 63	Malo	WA	99150	509-207-0050	5812	722515
The Creative Carver	NIU	No reasonable potential			License	Yes	1/18/2018		Restaurant-Café	Robert W Terpra	208-699-0433	203 E Seltice Way	Post Falls	ID	83854	5995 E Lacewood Ln	Post Falls	ID	83854	208-773-3785	5812	722511
The Custom Edge	NIU	No pollutants of concern	None	09/10/13	WRF	Yes			Manuf	Cynthia Loraas	208-771-0191	1080 N Townsend Ln	Post Falls	ID	83854	1627 E Sweetwater Circle #320	Post Falls	ID	83854	208-822-9282	2391; 2392	314121 314999
The Grind Lic	NIU	No reasonable potential			License	Yes	1/18/2018		Coffee Stand	Robert Donihue	509-207-0050	4000 W Riverbend Avenue	Post Falls	ID	83854	PO Box 63	Malo	WA	99150	509-207-0050	5812	722515
The Hart Works	NIU	No reasonable potential			License	Yes	1/18/2018		3-D Printing	Michael D Hart	208-277-4312	302 N Beckett Street	Post Falls	ID	83854	302 N Beckett Street	Post Falls	ID	83854	208-277-4312		
The Highland'S Day Spa	NIU	No reasonable potential	Cleaners	07/18/13	WRF	Yes			Services	Jeanne M Plastino-Wood	208-687-2551	4365 E Inveness Dr	Post Falls	ID	83854	10952 Hidden Valley Road	Rathdrum	ID	83858	208-773-0773	7299	812112
The Hut	NIU	No reasonable potential	Fog	09/10/13	WRF	Yes			Retail Trade	Daniel Schelske	208-651-6266	2968 E Seltice Way										
The Kitchen Collection, Lic	NIU	No reasonable potential	Cleaning Supplies	08/13/13	WRF	Yes			Retail Trade	Carl Banister	208-773-6237	4266 W Ryan Ave										
The Little Land	NIU	No pollutants of concern	None	08/19/13	WRF	Yes			Childcare-Facility	Michelle Woodward	208-818-1524	1375 W Coquelle Ct	Post Falls	ID	83854							
The Lodge At Riverside Harbor Lic	NIU	No pollutants of concern	None	02/07/14	WRF	Yes			Services	Cliff Mort	208-457-3403	52 N Cedar St										
The Mana Pool	NIU	No reasonable potential			License	Yes	1/18/2018		Retail Trade													
The Mudd Room Grooming	NIU	No reasonable potential			License	Yes	1/18/2018		Other Services (except Public Administration)													
The Old Schoolhouse Tutoring Service	NIU	No reasonable potential			License	Yes	1/18/2018		Tutoring	Linda Mitcham	208-640-1151	204 E 11th Ave	Post Falls	ID	83854							
The Pita Pit - Post Falls	NIU	No reasonable potential	Fogs; Phos; Cleaning Agents	04/19/13	WRF	Yes			Restaurant-Pita Sandwiches	Joe Lenhurd	208-765-3326	900 N Hwy 41 Ste 10	Post Falls	ID	83854	105 N 4th Ste 208	Coeur d'Alene	ID	83814	208-773-7200	5812	722511
The Plant Pro	NIU	No pollutants of concern	None	02/28/13	WRF	Yes			Professional, Scientific, and Technical Services	Lisa Chacon	208-773-6824	1110 N Spokane St Apt B										
The Poo Police	NIU	No pollutants of concern	None	06/11/13	WRF	Yes			Services	Joe Filancia, Pastor	208-773-4722	1887 E Horsehaven Ave										
The River Church	NIU	No pollutants of concern	None		License	Yes	1/18/2018	Emailed survey	Bar-Brewery	Jeffrey Whitman	208-691-9820	6180 E Seltice Way Ste 102	Post Falls	ID	83854	6180 E Seltice Way Ste 102	Post Falls	ID	83854	208-292-4201	8011	311920 445299
The Saloon Saloon	NIU	No reasonable potential			License	Yes	1/18/2018		Mobile Pet Grooming	Stacia Reeser	208-477-1881	51 E Ryan Drive Hayden, ID 83853	Post Falls	ID	83854	51 E Ryan Drive	Hayden	ID	83835	208-889-2224	5399	452999
The Selkirk Abbey Brewing Company, Inc.	NIU	No reasonable potential			License	Yes	1/18/2018		Camping Gear	Donald Al Holmes	208-818-8167	1869 E Seltice Way #293	Post Falls	ID	83854	1869 E Seltice Way #293	Post Falls	ID	83854	208-818-8167	5812	722511
The Spaw Lic	NIU	No reasonable potential	Fog	10/21/13	WRF	Yes			Retail Trade	Raci Erdem	208-777-9672	712 N Spokane St										
The Top Outdoor Camping Gear	NIU	No reasonable potential	Hydrochloric Acid, Nitric Acid	8/22/2013, 1/23/2018	WRF	Yes	1/18/2018		Wire Manufacturing using precious metals	John Teets	208-777-8332	590 S Clearwater Loop Ste C	Post Falls	ID	83854	590 Clearwater Loop, Ste. C	Post Falls	ID	83854	208-777-8332	3357 3399	331497 331492
The White House Grill	NIU	No pollutants of concern	None	03/13/13	WRF	Yes			Manufacturing	Samuel Parmley	206-551-4846	2205 N Columbine Ct										
The Wilkinson Co, Inc	NIU	No reasonable potential			License	Yes	1/18/2018		Landscaping	Michael Schiermeister	208-757-0719	3153 Thrush Drive	Post Falls	ID	83854	3153 Thrush Drive	Post Falls	ID	83854	208-757-0719	7299	812199
The Wrap Factor	NIU	No pollutants of concern	None	10/07/13	WRF	Yes			Services	Dokres Roth	208-699-5485	810 N Henry St Ste 200										
The Yard Doctors	NIU	No pollutants of concern	None	06/29/11	WRF	Yes			Services	Marci Wolfe	208-659-1185	306 N Spokane St Ste D										
Therapeutic Bodywork	NIU	No pollutants of concern	None	01/22/13	WRF	Yes			Retail Trade	Pavel Gishko	208-451-0999	790 N Cecil Rd Ste 105										
Therapeutic Massage & Day Spa	NIU	No pollutants of concern	None		License	Yes	1/18/2018	Will complete soon	Restaurant	Thomas Dindra	208-660-8142	1780 E Schneidmiller Ave	Post Falls	ID	83854	316 E 2nd Ave	Post Falls	ID	83854	208-262-9716	2095; 5812	311920 445299
Thermal Pressure Massage	NIU	No pollutants of concern	None	12/05/13	WRF	Yes			Manuf, Retail Trade	Janet Williams	208-457-9531	3904 E Muller Ave Ste K										
Thomas F Dindra Lic Abn Duelling Irons Restaurant	NIU	No pollutants of concern	Cleaning Agents	10/10/13	WRF	Yes			Services	Thomas P Beaton	208-415-0800	750 N Sylvania St Ste 203	Post Falls	ID	83854	780 Tiger						

Business Name	IU Type ID	Reason*	Pollutants of Concern	Survey Completion Date	Data Source	Eliminated from Survey?	Survey Sent Date	If not returned, actions taken	Business Type	Contact	Phone#	Business Address	Business City	Business State	Business Zip	Mail Address	Mail City	Mail State	Mail Zip	Business Phone	SIC CODE	NAICS CODE
Varietal Lic	NIU	No pollutants of concern	None	04/24/13	WRF	Yes			Wholesale Trade	Ron & Susan Jacobson	208-773-7881	2001 N Chase Rd	Post Falls	ID	83854		Post Falls	ID	83854	208-620-9617	5182	424820
Velocity Prints Lic	NIU	No reasonable potential	None		License	Yes	1/18/2018		T-Shirt Printing	Kylee Browning	208-620-9617	882 N Harlequin Drive	Post Falls	ID	83854	882 N Harlequin Drive	Post Falls	ID	83854	208-620-9617	5182	424820
Verity Computer Works	NIU	No pollutants of concern	None	07/09/13	WRF	Yes			Services; Retail Trade	Danny L Wolff	205-991-5790	2800 N Dandelion St	Post Falls	ID	83854		Post Falls	ID	83854	208-215-2151	5961 7378	811212
Vertical Vapor	NIU	No reasonable potential	None	07/09/13	License	Yes	1/18/2018		E-Cigs	Shirley Schoem-Dawley	832-880-8558	2600 E Seltice Way	Post Falls	ID	83854		Post Falls	ID	83854	208-215-2151	5961 7378	811212
Veterans Of Foreign Wars Post 3602	NIU	No pollutants of concern	None	07/09/13	WRF	Yes			Services	David D Larsen	208-773-1861	1225 E Third Ave	Post Falls	ID	83854		Post Falls	ID	83854	208-215-2151	5961 7378	811212
Video Theater	NIU	No pollutants of concern	None	08/06/13	WRF	Yes			Services	Steve & Janiece Turk	208-773-4918	109 E Seltice Way	Post Falls	ID	83854		Post Falls	ID	83854	208-215-2151	5961 7378	811212
Village Travel Service Inc	NIU	No pollutants of concern	None	07/18/13	WRF	Yes			Tcgs	Deborah Dillon	208-777-7088	1130 W Grange Ave	Post Falls	ID	83854		Post Falls	ID	83854	208-244-7467	7841	532230
Virtual Marketing Services International, Inc	NIU	No pollutants of concern	None	03/15/12	WRF	Yes			Online Store and Marketing Services	Desiree Bryant	208-244-7467	3000E Seltice Way Suite 202	Post Falls	ID	83854	3000E Seltice Way Suite 202	Post Falls	ID	83854	208-244-7467	7841	532230
Visions Of Home	NIU	No pollutants of concern	None	04/12/13	WRF	Yes			Retail Trade	Theresa Neeser	208-818-7297	1125 N Sugar Maple Trail	Post Falls	ID	83854		Post Falls	ID	83854	208-244-7467	7359	541111
Volvo Rents	NIU	No pollutants of concern	None	10/31/11	WRF	Yes			Services	John Frank	208-777-4585	573 N Ishlahine Rd	Post Falls	ID	83854		Post Falls	ID	83854	208-244-7467	7359	532490
W R Sutton	NIU	No pollutants of concern	None	10/31/11	WRF	Yes			Services	Bill Sutton	208-773-5423	705 E Fifteenth Ave	Post Falls	ID	83854		Post Falls	ID	83854	208-699-6232	5912	446110
W2L Event Center	NIU	No reasonable potential	None		License	Yes	1/18/2018		Event Center	Alyssa Pukkila	208-699-6232	1800 N Highway 41	Post Falls	ID	83854	1800 N Highway 41	Post Falls	ID	83854	208-699-6232	5912	446110
Walgreens #07949	NIU	No pollutants of concern	None	08/14/12	WRF	Yes			Retail Trade	Keven Fisher	208-777-4131	706 E Seltice Way	Post Falls	ID	83854		Bentonville	AR	72716-02	208-457-8666	5411; 5311	452910
Wal-Mart Super Center #3472	NIU	?	Cleaning Supplies	07/18/13	WRF	Yes		Will call City back	Retail Trade	Arde Wardell	208-457-8666	3050 E Mullan Ave	Post Falls	ID	83854	702 S.W. 8th St Dept. 8916	Bentonville	AR	72716-02	208-457-8666	5411; 5311	452910
Wal-Mart #3472 Fuel Station	NIU	?	Cleaning Supplies	07/18/13	License	Yes		Will call City back	Gas Station	Tim Farrar, Corp	479-294-8520	3280 Mullan Avenue	Post Falls	ID	83854		Bentonville	AR	72716-02	479-294-8520	5411; 5311	452910
Walmart Supercenter #4395	NIU	?	Cleaning Supplies	08/14/13	WRF	Yes			Retail Trade	Joey Smith	208-777-4151	6405 W Pointe Pkwy	Post Falls	ID	83854	702 SW 8th St Dept 8916	Bentonville	AR	72716	208-777-4151	5311	452910
Walman Enterprises, Inc	NIU	No pollutants of concern	None	06/10/13	WRF	Yes			Const	Stephen Waltman	208-659-4793	506 E Ninth Ave	Post Falls	ID	83854		Bentonville	AR	72716	208-777-4151	1742	238210
Warhorse Karate / Jiu Jitsu Inc	NIU	No pollutants of concern	None	11/27/12	WRF	Yes			Services	Damon & Amanda Tong	208-699-6901	740 N Cecil Rd Ste 104	Post Falls	ID	83854		Bentonville	AR	72716	208-777-4151	5311	452910
Warm Hands	NIU	No pollutants of concern	None	11/22/11	WRF	Yes			Services	Korovin Sergey	509-290-8443	614 E Seltice Way Ste B	Post Falls	ID	83854		Bentonville	AR	72716-02	479-294-8520	4731	488510
Warren Logistics Inc	NIU	No pollutants of concern	None	05/14/12	WRF	Yes			Tcgs	Dan Warren	885-253-9430	1810 E Schneidmiller Ave Ste 231	Post Falls	ID	83854		Bentonville	AR	72716-02	479-294-8520	4731	488510
Washington Trust Bank	NIU	No pollutants of concern	None	07/10/12	WRF	Yes			Fin. Ins. Re	Ronald Friendly, Keith Erhart	208-773-7921	1601 E Seltice Way	Post Falls	ID	83854		Bentonville	AR	72716	208-777-4151	5311	452910
Watercolors Daycare	NIU	?	Cleaning Supplies	07/02/13	WRF	Yes			Services	Sherie Graham	208-660-3638	710 E Twentieth Ave	Post Falls	ID	83854		Bentonville	AR	72716	208-777-4151	5311	452910
Well Life Post Falls Pharmacy	NIU	No reasonable potential	None		License	Yes	1/18/2018		Pharmacy	Jeffrey Foster	208-290-5362	565 N Vest	Post Falls	ID	83854	23801 E Appleway, Suite 260	Liberty Lake	WA	99019	208-773-2499	6022	522110
Wells Fargo Bank, N.A.	NIU	No pollutants of concern	None	06/24/13	WRF	Yes			Fin. Ins. Re	Julie Latina, Mgr	208-777-3900	1028 E Polston Ave	Post Falls	ID	83854		Liberty Lake	WA	99019	208-773-2499	6022	522110
Wendy'S Restaurant	NIU	?	Fog, Dish Det., Floor Degreaser	01/28/14	WRF	Yes			Retail Trade	Peter Nisbet	208-777-6369	3939 E Central Ave	Post Falls	ID	83854		Liberty Lake	WA	99019	208-773-2499	6022	522110
Wenig Foods	NIU	No pollutants of concern	None	08/09/13	WRF	Yes			Distributor-Food Services	Paul Wenig	208-773-0588	919 N Corbin Rd	Post Falls	ID	83854	919 N Corbin Road	Post Falls	ID	83854	208-773-0588	5148	425120
Westridge Elementary	NIU	?	Fog	08/16/13	WRF	Yes			Services	Lisa Hoffeld	208-773-7291	1758 N Clark Fork Pkwy	Post Falls	ID	83854	P.O. Box 40: Attn Erin Butler	Post Falls	ID	83877	208-773-7291	8211	611110
Wild & Alive	NIU	No reasonable potential	None		Energov	Yes	1/18/2018		Services	Donna Wilder	208-457-1400	3591 E 3rd Ave. 102	Post Falls	ID	83854		Post Falls	ID	83854	208-457-1400	7231	812112
Wild Rose Salon & Spa	NIU	No pollutants of concern	Shampoos/Dyes/ Polish Removers	12/10/13	WRF	Yes			Coffee Roaster	Sydney Lambas	208-661-6008	1606 Summer Rose Street	Post Falls	ID	83854		Post Falls	ID	83854	208-661-6008	7231	812112
Wildier Coffee Roasters	NIU	No reasonable potential	None		License	Yes	1/18/2018		Hunting Camping Gear	Scott & Cheri Legaard	208-755-6067	4448 W Riverbend Avenue	Post Falls	ID	83854	1606 Summer Rose Street	Post Falls	ID	83854	208-755-6067	8041	621310
Wilderness Survival Store	NIU	No pollutants of concern	None	11/07/13	WRF	Yes			Services	William B Higgins	208-777-7463	2525 E Seltice Way Ste C	Post Falls	ID	83854	7607 N Huettner Road	Post Falls	ID	83854	208-755-6067	8041	621310
William B. Higgins Dc	NIU	No reasonable potential	None		License	Yes	1/18/2018		Bookkeeping	Liz Williams	208-964-5511	802 N Lincoln Street	Post Falls	ID	83854		Post Falls	ID	83854	208-964-5511	8041	621310
Williams Accounting	NIU	No reasonable potential	None		License	Yes	1/18/2018		Online Retail	Curt Schnell	503-961-5751	910 E 11th Ave	Post Falls	ID	83854		Post Falls	ID	83854	208-961-5751	6531	531210
Wilson River Anglers	NIU	No pollutants of concern	None	07/18/12	WRF	Yes			Real Estate	Donald Smock & Pat Krug	208-664-6221	1616 E Seltice Way	Post Falls	ID	83854	910 E 11th Ave	Post Falls	ID	83854	208-777-9900	6531	531210
Windemere Real Estate	NIU	No pollutants of concern	None	12/05/13	WRF	Yes			Services	Carl Sweeten	208-964-5337	106 W Warner Rd	Post Falls	ID	83854	1616 E Seltice Way	Post Falls	ID	83854	208-777-9900	7699 7229	562991 488490
Windy Mountain Services	NIU	No pollutants of concern	None	02/05/13	WRF	Yes			Services	Joel Christy	208-660-8087	1935 E Sundance Dr	Post Falls	ID	83854		Post Falls	ID	83854	208-777-9900	7699 7349	562991 561720
Winpro Home Services	NIU	No pollutants of concern	None	01/27/14	WRF	Yes			Services	Alyssa Pukkila	208-699-6232	1616 E Seltice Way Ste 213	Post Falls	ID	83854		Post Falls	ID	83854	208-777-9900	8299	611710
Wired 2 Learn	NIU	No reasonable potential	None		Energov	Yes	1/29/2018	Updated address, remail	Services	Alan Wolfe	208-777-7191	740 N Cecil Rd Ste 102	Post Falls	ID	83854	740 N Cecil Rd Ste 102	Post Falls	ID	83854	208-777-7191	8299	611710
Wireless Wizard	NIU	No reasonable potential	None		License	Yes	1/18/2018		Coffee	Frederick Ambrose & Mary Sanderson	208-664-3101	1300 E Mullan Ave Ste 900	Post Falls	ID	83854		Post Falls	ID	83854	208-777-7191	8299	611710
Wize Solutions Of Idaho	NIU	No reasonable potential	None	07/28/10	WRF	Yes			Consulting	Alan Wolfe	208-777-7191	591 N Stephanie Street	Post Falls	ID	83854		Post Falls	ID	83854	208-777-7191	8299	611710
Women'S Clinic Of North Idaho	NIU	No pollutants of concern	None		License	Yes	1/18/2018	Will call City back	Clinic-Medical-Women	Frederick Ambrose & Mary Sanderson	208-664-3101	1300 E Mullan Ave Ste 900	Post Falls	ID	83854		Post Falls	ID	83854	208-777-1350	8011	811199
Woodland Family Dental Pc	NIU	?	Fog	08/16/13	WRF	Yes			Dental Office	David Welton & Sunnshine Welton	208-777-9599	1100 E Polston Avenue	Post Falls	ID	83854		Post Falls	ID	83854	208-777-9599	8011	811199
Woodpecker Productions	NIU	No pollutants of concern	None	03/21/13	WRF	Yes			Const	Terry Winget	208-660-0259	905 S Riverside Harbor Dr	Post Falls	ID	83854		Post Falls	ID	83854	208-777-9599	1751	238350
Woodshop Products Lic	NIU	No reasonable potential	None		License	Yes	1/18/2018		Retail-Cabinetry	John Manchak	208-777-9663	4262 W Riverbend Ave	Post Falls	ID	83854	4238 W Riverbend Ave	Post Falls	ID	83854	208-777-9663	5712	337110
Woodshop Specialties, Inc	NIU	No pollutants of concern	Stains,Lacquers & Thinners,Paints	03/26/13	WRF	Yes			Retail Trade	John Manchak	208-777-9663	4262 W Riverbend Ave	Post Falls	ID	83854		Post Falls	ID	83854	208-777-9663	5712	337110
Woodys Chim An More LLC	NIU	No reasonable potential	None		License	Yes	1/18/2018		Professional, Scientific, and Technical Services	Shelly Parker	208-770-0541	2600 A East Seltice Way	Post Falls	ID	83854		Post Falls	ID	83854	208-770-0541	5712	337110
World Finance Company Of Idaho, Lic	NIU	No reasonable potential	None		License	Yes	1/18/2018		Loan/Finance Company	Domingo Valenzuela, Jr.	509-771-3380	112 E Seltice Way, Suite C	Post Falls	ID	83854		Post Falls	ID	83854	208-457-3204	5712	337110
Wrapped In Ink	NIU	No pollutants of concern	None	01/08/14	WRF	Yes			Services	Dominique Bezila	208-404-3766	210 N Lava Ln #B	Post Falls	ID	83854		Post Falls	ID	83854	208-457-3204	7336 7371	541430 541511
Wrub	NIU	No reasonable potential	None		License	Yes	1/18/2018		Publisher	Roseanne "Roe" Bell	208-660-7657	3879 N Maxfli Lane	Post Falls	ID	83854		Post Falls	ID	83854	208-660-7657	7336 7371	541430 541511
WRC, Inc.	NIU	No pollutants of concern	None	10/06/13	WRF	Yes			Construction	Loron Wright	208-755-1492	1210 N Idaho St	Post Falls	ID	83854		Post Falls	ID	83854	907-394-3094	8041	621310
Wright Chiropractic Pils Dba Cross Roads Chiropractic	NIU	No pollutants of concern	None		License	Yes	1/18/2018		Services	Martina Cartwright	907-394-3094	1390 E Warm Springs Avenue	Post Falls	ID	83854	1390 E Warm Springs Avenue	Post Falls	ID	83854	907-394-3094	8041	621310
Wrightway Cleaning	NIU	No reasonable potential	None		License	Yes	1/18/2018		Janitorial	Ron Lahr	208-773-3743	5180 E Seltice Way Unit C	Post Falls	ID	83854		Post Falls	ID	83854	907-394-3094	2741	511199

APPENDIX D.1
FOG General Permit Program
(Reserved)

APPENDIX D.2
Permit Application Example

INDUSTRIAL USER INITIAL BASELINE MONITORING REPORT (BMR)

The Information requested in the enclosed form is mandated under the City of Post Falls sewer use ordinance.

General Instructions

Please complete the enclosed form and return it within 30 days to the following address:

**City of Post Falls
Department of Public Services
Pretreatment Program
2002 W. Seltice Way
Post Falls, ID 83854**

If you have any Questions, please contact the following Person(s):

_____, **Pretreatment Coordinator, 208-773-1438**

Specific Instructions

Item 1

A.-N. Provide all requested information about the facility.

Item 2

A.-B. Provide a listing of all raw materials and chemicals used in the facility's operations. Avoid use of trade names of chemicals. If trade names are used, provide information regarding the active ingredients including the MSDS.

C. Please describe each process in sufficient detail: Use additional sheets if necessary.

D. List each component process, the production rate (i.e., (product name) #/year), as well as the SIC code for each process.

Item 3

A. Provide the total plant flow rate (average and maximum) to the sanitary sewer in gallons per day (GPD). If accurate flow measurements are unavailable, provide the best estimate. Mark "estimated" if this method is used.

B. Provide a breakdown of the sources of the total plant flow to the sanitary sewer including process flows, sanitary wastewater, cooling water, etc. Also indicate the flow rate (GPD) and the type of discharge (batch, continuous or none).

C. In order to provide City with a complete understanding of the facility's processes, location of pretreatment facilities and sampling points, the discharger is required to submit a schematic of each process and a schematic of wastewater flows. Flow rates may be estimated. Be sure to indicate sample locations on the flow or process schematic.

Item 4

A. The facility must provide information on or sample, analyze and report the concentration of all pollutants. Include results from any sampling performed by the Water Department. All samples must be representative of normal operations and be of sufficient number to allow process evaluation. Samples should be collected immediately after the named process (after treatment, if applicable. Or "end of pipe") before being combined with other wastestreams. Type of sample (i.e., grab, composite), sample location, number of samples and methods of analysis should be adequately described. See 40 CFR 136 for applicable methods. If analytical data is provided for more than one sampling point, identify the location of all sampling points in the schematic diagram required in Question 3D above.

B. If the facility is unable to sample the wastewater before being mixed with other wastewater flows, the facility may sample the total plant flow and calculate an equivalent concentration limit using the combined wastestream formula. The combined wastestream formula will be applied by the Water Department in instances where the samples taken include wastewater from diluting streams (i.e. sanitary flow).

Item 5&6

Self-explanatory. If pretreatment of wastewater is performed, provide full details. If no pretreatment is used, this should also be clearly indicated.

Item 7

This report must be signed by an authorized representative, which may include a principal executive officer of at least the level of vice president; a general partner or proprietor; or a duly authorized representative that is responsible for the overall operation of the facility.

**INDUSTRIAL USER
PERMIT APPLICATION AND
INITIAL BASELINE MONITORING REPORT (BMR)**

Instructions: Please complete this Form in as much detail as possible. Use additional sheets as necessary. Refer to General Instructions. Return the Form to the address shown in the instructions.

1. COMPANY INFORMATION

A. Legal Name: _____ B. Facility Name: _____
Mailing Address: _____

Location: _____
_____ Zip _____ Zip _____

C. Name or Owner(s): _____

D. Name of Operators _____

E. Phone Number _____ F. Fax Number _____

G. Facility Contact (provide the name, title, phone number, and e-mail address of a designated person to contact if additional information is necessary.)

H. Number of Employees _____

I. Number of Shifts _____

J. Number of Days of Operation Per Week _____

K. Hours of operation of plant _____

L. Hours of operation of pretreatment _____

M. Operating At This Location Since _____ (mm/dd/yy)

N. Provide the name of the publicly owned treatment works (sewage authority, municipality, etc.) that receives the wastewater discharge from this facility. (If this facility is not connected to a sewage system, describe where wastewater is discharged.)

2. NATURE OF OPERATION

A. List Raw Materials Used. Include Average & Maximum Used per Day: (Include MSDS)

B. List of Chemicals Used: (Include MSDS)

C. Fully Describe Manufacturing or Service Activities and Processes Conducted and the Final products. Use additional sheets to elaborate, if necessary.

D. Summarize Each Component Process:

<i>Process Description</i>	<i>Production Rates</i>	<i>Sic Code & Sub Part if Applicable</i>

E. List all environmental permits held. _____

3. WASTEWATER FLOW (Estimated? Yes ___ No ___)

A. Total Plant Flow In Gallons Per day (GPD) Average _____ Maximum _____

B. Individual Process Flows In Gallons Per day (GPD)

Component Process	Average Flow Rate (GPD)	Maximum Flow Rate (GPD)	Type of Discharge (Batch, Continuous, None) Time & Duration	Peak Flow Rate (30 Minute Duration)
Cooling Water				
Sanitary Wastewater				

List any daily, monthly and/or seasonal variations in flow if any

C. List All Water and/or Sewer Account numbers. (Provide a copy of a recent water/sewer bill.)

D. Provide on a separate sheet(s):

1) a schematic drawing or flow chart of each regulated process. 2) a schematic drawing showing all wastewater flows (regulated and unregulated), location of any treatment system and sampling locations. 3) a water balance indicating amount of intake water, discharges to sewer, losses, and water retained in products. 4) site plans, floor plans, mechanical and plumbing plans and details to show all sewers, sewer connections, and appurtenances by the size, location and elevation.

4. NATURE AND CONCENTRATION OF POLLUTANTS

The industrial user must perform sampling and analysis of the effluent (after treatment if applicable). Provide

the analytical data in the space provided below. Units should be indicated in mg/l *. Attach additional sheets.

Component Process:

Sample Location(s):

Sample Type (composite samples are required except where not feasible or appropriate): _____

Number of Samples and Frequency

Collected: _____

Analytical Methods Used:

Does sample include wastewater from other non-process streams (such as sanitary wastewater, non contact cooling water), if so, what streams from those listed in Item #3 are included?

Provide a list of all materials which are or could be discharged

5. WASTEWATER TREATMENT

Fully describe any and all pretreatment utilized (show treatment system location in relation to process flows on schematic drawing required by Question 3.D)

6. COMPLIANCE CERTIFICATION

A. Is the facility meeting applicable categorical pretreatment standards on a consistent basis?
YES _____ NO _____

B. If No, do you require:

1) additional operation and maintenance (O&M) to achieve compliance? YES _____ NO _____

2) new or additional pretreatment equipment facilities to achieve compliance? YES _____ NO _____

Where additional pretreatment and/or O&M will be required to meet the Pretreatment Standards, on a consistent basis, attach a schedule on a separate sheet. The completion date in this schedule shall not be later than the compliance date established for the applicable Pretreatment Standard.

The following conditions shall apply to this schedule:

(1) The schedule shall contain increments of progress in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment required for the User to meet the applicable Pretreatment Standards (e.g., completing preliminary plans, completing final plans, executing contract for major components, commencing construction, completing construction, etc.).

(2) No increment referred to in paragraph (1) shall exceed 9 months.

(3) Not later than 14 days following each date in the schedule and the final date for compliance, the User shall submit a progress report to the Department including, at a minimum, whether or not it complied with the increment of progress to be met on such date and, if not, the date on which it expects to comply with this increment of progress, the reason for delay, and the steps being taken by the User to return the construction to the schedule established. In no event shall more than nine (9) months elapse between such progress reports to the Department.

7. SIGNATORY REQUIREMENT

All applications, reports or information submitted to the city as required by this Permit shall be signed and certified by an authorized representative as specified in Post Falls, Idaho: City Code 13.20.

Any person signing a document shall make the following certification:

"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."

CITY OF POST FALLS
INDUSTRIAL PRETREATMENT PROGRAM

AUTHORIZATION OF APPROVED REPRESENTATIVE

Industrial User Name: _____

Address: _____

City: _____

State: _____ Zip Code: _____

Discharge Permit # _____

Date _____

To: Industrial Pretreatment Coordinator, City of Post Falls:

I, _____, hereby certify that I am a responsible corporate officer, manager, general partner or proprietor of the above named company and that I am in charge of principal business function and am able to perform policy and decision making functions for the company.

I hereby duly authorize _____, whose signature also appears below to be my representative. I authorize my representative to sign all industrial pretreatment certification statements on my behalf.

Signed _____

Title _____

Signature of Authorized Representative _____

Title of Representative _____

APPENDIX D.3
IU Permit Example



Public Works Department
Water Reclamation Division

SAMPLE INDUSTRIAL WASTEWATER DISCHARGE PERMIT

PERMIT #*EXAMPLE CIU*

issued by the

CITY OF POST FALLS, IDAHO

to

COMPANY NAME ADDRESS CITY, STATE ZIP CODE

Date Issued: _____



Public Works Department
Water Reclamation Division

COVER PAGE

INDUSTRIAL WASTEWATER DISCHARGE PERMIT

In accordance with the provisions of the City of Post Falls sewer use ordinance, Title 13 Chapter 20, the COMPANY NAME, located at Address, Post Falls, Idaho, is hereby authorized to discharge a total of _____ gallons of treated industrial process wastewater per day from the above identified facility only through the outfalls identified herein into the City of Post Falls' sewer system in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in Section 1 (specific) and Section 2 (general) attached hereto and incorporated by reference herein as part of this permit.

Compliance with this permit does not relieve the permittee of its obligation to comply with all pretreatment regulations, standards or requirements under local, State and Federal laws, including any such laws, regulations, standards, or requirements that may become effective during the term of this permit.

Noncompliance with the terms and conditions of this permit shall constitute a violation of the City of Post Falls' sewer use ordinance.

This permit shall become effective on DATE and shall expire at midnight on DATE.

The permittee shall not discharge after the date of expiration. If the permittee wishes to continue to discharge after this expiration date an application must be filed for reissue of this permit in accordance with the requirements of Section _____ of the Post Falls sewer use ordinance, a minimum of 90 days prior to the expiration date.

Date: _____
Director, Department of Public Works

SECTION 1. SPECIFIC CONDITIONS

PART 1. OPERATION AND EFFLUENT ORIGINS

A. Description and Regulation of Operation

COMPANY NAME, operating at ADDRESS, CITY, ID. ZIP is identified for the purposes of this industrial wastewater discharge permit (WDP) as an electroplating facility. This facility is identified as a categorical industrial user subject to Federal electroplating regulations contained in 40 CFR Part 433, Subpart A - Metal Finishing Subcategory. Wastewaters produced by all operations associated processes are regulated at the end of process by 40 CFR Part 433. The facility discharges on average 12,000 gallons of regulated wastewater per calendar day and is therefore subject to Federal pretreatment standards for existing sources 40 CFR 433.15 (PSES) pertaining to this type of facility.

B. Origins of Regulated Wastewater and Pretreatment Requirements

Process wastewater is produced from the rinse areas of all electroplating process lines. Process streams not containing cyanide are discharged into the trench drain which discharges into a waste pipe which connects directly to the pH adjustment pretreatment system.

Wastewaters from all process streams containing cyanide are discharged to a separate piped collection system which connects directly to the cyanide destruct system in the pretreatment room. The discharge from the cyanide destruct system is connected to the influent side of the rinse water system entering the pH adjustment pretreatment system.

All other wastestreams including domestic wastestreams are considered dilute wastestreams and shall not enter the pretreatment system. The discharge from these non-regulated wastestreams shall combine with the regulated wastestreams prior to the final sampling point.

All significant industrial users shall promptly notify the POTW in advance of a change in the average monthly volume greater than twenty percent (20%) or a significant change in the character of pollutants in their discharge, including significant manufacturing process changes, pretreatment modifications, and the listed or characteristic hazardous wastes for which the industrial user has submitted initial notification under 40 CFR 403.12(p).

Any industrial user operating under a wastewater discharge permit incorporating equivalent mass or concentration limits shall notify the director within two (2) business days after the industrial user has a reasonable basis to know that the production level will significantly change within the next calendar month. Any industrial user not providing a notice of such anticipated change will be required to comply with the existing limits contained in its wastewater discharge permit.

PART 2. EFFLUENT LIMITATIONS

A. Outfall

During the period from _____ to _____ the permittee is authorized to discharge treated process wastewater to the City of CITY NAME's sanitary sewer system from the pipeline connected to the effluent discharge side of the pretreatment system at Outfall 001 as shown in

Section I., Part 3.E. of this WDP.

The permittee shall apply in writing to the director for permission to discharge processed wastewater to any other outfall than those indicated above. Reasons for the change and detailed plans and drawings of the proposed new outfall must accompany the request.

During the period from _____ to _____ the discharge from the outfall listed above shall not exceed the following effluent limitations. Effluent from this outfall consists of processed wastewater discharged at "end of process" from the pretreatment system. National categorical standards apply directly at this point, as no combined wastes are included.

B. Effluent Limitations

Parameter	Units	Local Daily Max	Federal Daily Max	Federal Monthly Avg	Applicable Daily	Applicable Monthly	F or L applies
Flow	gpd						
pH	SU						
BOD	mg/L						
COD	mg/L						
Total Cr	mg/L						
Total CN	mg/L						
Total Pb	mg/L						
Total Ni	mg/L						
Total Ag	mg/L						
Total Zn	mg/L						
TTO	mg/L						

- a. Limit for all values for a parameter obtained on one calendar day.
- b. Limit for the sum of all daily values divided by the number of daily values.
- c. Limit basis derived from Federal or Local discharge regulations. Federal limitations shall be from Categorical Pretreatment Standards and apply to the "end of process". If the categorical limits have been calculated using the CWF or FWA, then the limitation shall apply at "end of pipe". Careful notation shall be included to indicate which limit applies in each case.
- d. Flow of 25,000 gallons per day is a total allowable flow for the outfall.
- e. Federal limitation applies at "end of process". The limits listed in this table have been revised from "end of process" to "end of pipe" limits using the Flow Weighted Averaging Method (FWA). Calculation can be found in Table 1 at the end of this WDP on Page 15.
- f. Total toxic organics, (TTO), shall include the volatile compounds, acid compounds,

base/neutral compounds and pesticides identified by the EPA in 40 CFR Part 433 and listed on Page 16 of this WDP in Table 2.

PART 3. OPERATION AND MAINTENANCE OF POLLUTION CONTROLS

A. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the terms of this WDP. Proper operation and maintenance includes but is not limited to: effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the WDP.

B. Duty to Halt or Reduce Activity

Upon reduction of efficiency of operation, or loss or failure of all or part of the treatment facility, the permittee shall, to the extent necessary to maintain compliance with this WDP, control its production or discharges (or both) until operation of the treatment facility is restored or an alternative method of treatment is provided. This requirement applies, for example, when the primary source of power of the treatment facility fails or is reduced. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the WDP.

C. Bypass of Treatment Facilities

- 1) Bypass is prohibited unless it is unavoidable to prevent loss of life, personal injury or severe property damage or no feasible alternatives exist.
- 2) Bypass not exceeding limitations. The permittee may allow bypass to occur which does not cause effluent limitations to be exceeded, but only if it is also for essential maintenance to assure efficient operation.

D. Notification of Bypass:

- 1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior written notice, at least ten days before the date of the bypass, to the director.
- 2) Unanticipated bypass. The permittee shall submit oral notice to the director within twenty four (24) hours from the time it becomes aware of the bypass and submit a written notice to the POTW within 5 days. This report shall specify:
 - (i) A description of the bypass, and its cause and duration;
 - (ii) Whether the bypass has been corrected; and
 - (iii) The steps being taken or to be taken to reduce, eliminate or prevent a reoccurrence of the bypass.

E. Facility Site Maps and Sewer Layouts

PART 4. SAMPLING AND MONITORING REQUIREMENTS

A. Sample Points

During the period from _____ to _____, the permittee shall collect samples and monitor the treated process wastewater discharge from the following sample points:

1. Outfall 001 located outside the facility prior to the connection into the City's sewer system as shown on Page ___ of this WDP.

This is the only sampling point that is approved by the director for the permittee's collection of process wastewater samples.

B. Sampling and Analysis

The samples collected by the permittee or its' authorized representative shall be analyzed for the following parameters. Frequency and types of samples to be taken are indicated below:

Parameter	Sample Location	Measurement Frequency	Sample Type
Flow			
pH			
BOD			
COD			
Etc.			

- a) Types of samples collected by the permittee or its' authorized representative shall be as representative as possible of the volume and nature of the permittee's wastewater discharge throughout the daily period of facility operation. All handling and preservation of collected samples shall be performed in accordance with 40 CFR Part 136. The City reserves the right to spot check sampling procedures by the permittee's contract laboratory at any time.
- b) Quarterly samples shall be taken and analyzed in January, April, July and October of each year. EPA Method 608, 624 and 625 scans are required in January and July of each year.
- c) Discrete grab samples shall be taken for pH, cyanide and volatile organics (EPA Method 624).
- d) Aliquots of equal volumes of wastewater shall be taken on a flow proportional basis throughout the daily discharge period of the permittee. A minimum of 12 aliquots shall be composited to generate the final sample. All equipment used for sampling and analysis must be routinely calibrated, inspected and maintained to ensure its accuracy.

C. Permittee's Analytical Laboratory

The permittee shall utilize a certified laboratory of its choosing for the purposes of complying with the requirements of this WDP. Certification must be current during the performance of a required analysis for each parameter measured. The permittee is directly responsible for ensuring the validity of all analytical measurements received from its laboratory as required by this WDP. The City will only accept analytical results that are performed by a laboratory certified by the State of Idaho for environmental analysis. Analytical measurements submitted by non certified laboratories or resulting from the analysis of samples during periods of non certification for the analyte will be considered null and void and the facility will be considered as not having monitored for these parameters.

Prior to performing any analysis regulated by this WDP, the permittee shall instruct its laboratory to submit a copy of its current Environmental Water Certification Analytes List and Environmental Certificate to the City. The laboratory(ies) shall also submit a copy of the latest EPA approval correspondence containing the EPA assigned Comprehensive Quality Assurance Plan number to the City. As soon as these three documents are renewed or revised in any way, the laboratory shall send updated copies of these documents to the City as appropriate.

The City will not accept analytical results from any certified laboratory until the above requirements have been complied with.

D. Sampling Procedures

All sampling procedures shall comply with the requirements contained in the EPA Standard Operating Procedures for Laboratory Operations and Sample Collection Activities.

If the permittee performs its own sampling, the permittee shall prepare a written description of its procedure entitled "Standard Operating Procedure (SOP) for Environmental Sampling for Industrial Pretreatment Requirements". This document shall be submitted to the City for approval within 90 days after the issuance of this WDP. The City may, at its option, observe the collection of the required samples by the permittee to ensure that EPA approved sampling methods are complied with in full. Failure to follow EPA sampling procedures will result in the City's rejection of the sample and any resulting analytical results that may be submitted by the permittee.

If the permittee's chosen laboratory performs the sampling for the permittee, the City may, at its option, observe the collection of the required samples to ensure that EPA approved sampling methods are complied with in full by the laboratory concerned. Failure to follow EPA sampling procedures will result in the City's rejection of the sample and any resulting analytical results that may be submitted by the permittee or its laboratory.

PART 5. REPORTING REQUIREMENTS

A. Periodic Compliance Reports

Analytical results obtained shall be summarized and reported on a copy of the attached industrial user periodic compliance report form. Each periodic compliance report shall indicate the nature and concentration of all required pollutants in the effluent for which sampling and analyses were performed, including measured wastewater flows or potable water consumption.

The due date for submission of periodic compliance reports is thirty days after the last day of the month in which the samples are required to be taken (see Section 1, Part 3 B, footnote b of this WDP). If a report is submitted more than 30 days after the due date, the facility will be deemed to be in significant noncompliance and appropriate enforcement proceedings will be initiated by the City according to the Industrial Pretreatment Program's "Enforcement Response Plan".

The next periodic compliance report should consist of:

1. A completed copy of the Sampling and analysis form.
2. A completed copy of the Periodic compliance report form.
3. A completed copy of the Certification statement.
4. A copy of the original contracting laboratory's analysis, including all chain of custody forms.

A report shall be considered incomplete and in violation of reporting requirements if it does not contain all of the above required forms and information. Incomplete reports will be returned to sender.

B. Extra Monitoring

If the permittee monitors its discharge for any pollutant more frequently than required by this WDP, using test procedures prescribed in 40 CFR Part 136, or otherwise approved by EPA or as specified in this WDP, the results of such monitoring shall be included in the calculation and results shall be reported in the quarterly reports and submitted to the director. Such increased monitoring frequency shall also be indicated on the quarterly report.

C. Automatic Resampling

If the results of the permittee's wastewater analysis indicate a violation has occurred, the permittee must:

- a. Inform the director within 24 hours of becoming aware of the violation; and
- b. Repeat the sampling and pollutant analysis for the parameter in violation and submit the results of the second analysis in writing to the City within 30 days after becoming aware of the violation.

D. Accidental Discharge Report

The permittee shall notify the director no later than twenty-four (24) hours upon the occurrence of an accidental discharge of substances prohibited by City of Post Falls municipal code Chapter 13.20 *et seq.* or any slug loads or spills that may enter the public sewer. During normal business hours the director should be notified by telephone at (208) 777-9857. At all other times, the director should be notified by telephone at (208) 773-3517. The permittee shall inform the director that it is an industrial discharge facility and shall include location of discharge, date and time, type of waste, including concentration and volume, and corrective actions taken. The

permittee's notification of accidental releases in accordance with this section does not relieve it of other reporting requirements that arise under local, State, or Federal laws. Within five (5) days following an accidental discharge, the permittee shall submit to the director a detailed written report. The report shall specify:

- a. Description and cause of the upset, slug or accidental discharge, the cause thereof and the impact on the permittee's compliance status. The description should also include location of discharge, type, concentration and volume of waste.
- b. Duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance continues, the time by which compliance is reasonably expected to occur.
- c. All steps taken or to be taken to reduce, eliminate, and prevent recurrence of such an upset, slug, accidental discharge, or other conditions of noncompliance.

Industrial users shall resample within thirty (30) days of a slug or accidental discharge to demonstrate compliance with the local limits and permitted discharge parameters.

E. Report Submission

The permittee shall submit all reports required by this WDP to the director at the following address:

Director, Department of Public Works
City of Post Falls
408 N. Spokane Street
Post Falls, ID 83854

PART 6. DEMAND MONITORING COSTS

Any required demand monitoring, inspections and surveillance deemed to be necessary as a result of a violation will be carried out by the City and may be charged directly to the permittee at City's cost.

PART 7. SPECIAL CONDITIONS

The director reserves the right at any time throughout the duration of this WDP to require the permittee to review its discharge/slug control plan which shall be re-evaluated every permit cycle. Accidental discharge/ slug control plans should address at a minimum, the following:

- a. Description of discharge practices, including nonroutine batch discharges.
- b. Description of stored chemicals.
- c. Procedures for immediately notifying the WWF of any accidental or slug discharge.
- d. Procedures to prevent adverse impact from any accidental or slug discharges. Such procedures include, but are not limited to, inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site run-off, worker training, building of containment structures or equipment, measures for

containing toxic organic pollutants (including solvents), and/or measures and equipment for emergency response.

SECTION 2. GENERAL REQUIREMENTS AND CONDITIONS

PART 1. COMPLIANCE WITH THE CITY OF POST FALLS CODE

Wastewater discharge permits shall be expressly subject to all provisions of City of Post Falls Code, Title 13, as amended and all other applicable codes and regulations.

PART 2. DUTY TO REAPPLY

The User shall apply for permit reissuance at least ninety (90) days, but no more than one hundred and eighty (180) days prior to the expiration of the User's permit. The User shall be informed of any proposed changes to his permit at least thirty (30) days prior to the effective date of change. Any changes or new conditions in the permit shall include a reasonable time schedule for compliance.

PART 3. CONTINUATION OF EXPIRED WDPS

An expired WDP will continue to be effective and enforceable until the WDP is reissued if:

- a. The permittee has submitted a complete WDP application at least ninety (90) days prior to the expiration date of the user's existing WDP.
- b. The failure to reissue the WDP, prior to expiration of the previous WDP, is not due to any act or failure to act on the part of the permittee.

PART 4. SIGNATORY AND CERTIFICATION REQUIREMENTS

All reports required by this permit shall contain the name/title of a principal executive officer of the Industrial User, and shall be signed by the principal executive officer or his authorized representative. The report being submitted shall contain the following 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."

PART 5. RIGHT OF ENTRY

The Permittee shall allow the City or its representatives exhibiting proper credentials and identification, to enter upon the premises of the User, at all reasonable hours for the purposes of

inspection, sampling, or records inspection and duplication. Reasonable hours in the context of inspection and sampling includes any time the Permittee is operating any process which results in a process wastewater discharge to the City's POTW. In the event that City employees fail or neglect to observe appropriate safety procedures or engage in any act of misconduct while performing the necessary work on private property, the Permittee may request that said employees cease the work and vacate the premises. In the event of such an incident, the Director shall be notified.

PART 6. LIMITATION ON PERMIT TRANSFER

Wastewater discharge permits are issued to a specific User for a specific operation. They shall not be reassigned, or transferred, or sold to a new owner, new significant Permittee, or transferred to a different premises without City approval.

PART 7. CHANGED CONDITIONS

The Permittee shall report to the City prior to the introduction of new wastewater or pollutants or any substantial change in the volume or characteristics of the wastewater being discharged into the POTW from the User's industrial processes, in accordance with Section 102 50.

PART 8. RECORDS RETENTION

(A) The Permittee shall retain and preserve for no less than five (5) years, any records, books, and documents, memoranda, reports, correspondence and any and all summaries thereof, relating to monitoring, sampling and chemical analyses made by or in behalf of the User in connection with its discharge.

(B) All 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.

PART 9. SAMPLE TYPE

All samples shall be 24-hour (flow-proportioned or time-proportioned) composite samples were feasible, except cyanide, total phenols, oil and grease, pH, volatile organics, and temperature, which are grab samples.

PART 10. MEASUREMENTS FOR DISCHARGE LIMITATIONS

A. The six (6) month average is a rolling average, equal to the arithmetic mean of the samples collected during consecutive reporting periods which comprise six (6) months. For parameters that are measured at least once per month, the six (6) month average shall be computed at the end of each month and is equal to the arithmetic mean of the monthly average of the month being reported and monthly average of each of the previous five (5) months.

B. The monthly average concentration is the sum of the concentrations of all daily discharges sampled and/or measured during a calendar month, divided by the number of daily discharges sampled and/or measured during such month (arithmetic mean of the daily concentration values). The daily concentration value is equal to the concentration of a composite sample or in the case of grab samples is the arithmetic mean (weighted by flow value) of all the samples collected during that calendar day.

C. The daily maximum concentration is the highest value recorded during the reporting period.

PART 11. RECORDING OF RESULTS

For each measurement or sample taken pursuant to the requirements of this permit, the following information shall be recorded:

- A. The exact place, date and time of sampling;
- B. The dates the analyses were performed;
- C. The person responsible for performing the sampling or measurement;
- D. The person(s) who performed the analyses;
- E. The analytical techniques or methods used, and
- F. The results of all required analyses.

PART 12. VIOLATION NOTIFICATION AND RESAMPLE REQUIREMENT

If sampling performed by Permittee indicates a violation of any part of this Permit or Title 13 Chapter 20 of the City of Post Falls municipal code, the Permittee shall notify the control authority (City of Post Falls) within 24 hours of becoming aware of the violation. The Permittee shall repeat the sampling and analysis and submit both results of the analysis to the control authority within 30 days after becoming aware of the violation.

PART 13. DILUTION

No Permittee shall 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 the permit.

PART 14. PROPER DISPOSAL OF PRETREATMENT SLUDGES AND SPENT CHEMICALS

The disposal of any sludges and/or spent chemicals by the Permittee shall be done in accordance with Section 405 of the Clean Water Act, Subtitles C and D of the Resource Conservation and Recovery Act and Title 13 Chapter 20, Post Falls' municipal code, as amended.

PART 15. FLOW MEASUREMENTS

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to insure the accuracy and reliability of measurements of the volume of

monitoring discharges. The devices shall be installed, calibrated, and maintained by the Permittee to insure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than +/- 10% from the true discharge rates throughout the range of expected discharge volumes.

PART 16. SUSPENSION OF SERVICE AND/OR PERMIT

The City may suspend wastewater treatment service and/or the wastewater discharge permit when such suspension is necessary to stop an actual or threatened discharge which would endanger the health or welfare of persons or the environment, cause interference with POTW operations, cause sludge quality degradation, or cause the City to violate any conditions of its operating permit and/or its NPDES permit.

PART 17. FAILING TO COMPLY WITH PERMIT CONDITIONS, FALSIFYING INFORMATION OR TAMPERING WITH MONITORING EQUIPMENT

Any User who willfully or negligently fails to comply with provisions of this permit shall be subject to the imposition of penalties and appropriate recovery of costs by the City. Any person who knowingly makes any false statements, representation or correction in any record, report, plan or other document filed pursuant to this permit, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under this permit shall, upon conviction, be subject to the imposition of penalties prescribed by PFMC 13.20 *et seq* or any other applicable local, State or Federal law.

PART 18. MODIFICATION OR REVISION OF THE PERMIT

The Director may modify a Wastewater Discharge Permit for good cause, including, but not limited to, the following reasons;

- To incorporate any new or revised Federal, State or local pretreatment standards or requirements;
- To address significant alterations or additions to the Permittee's operation, processes, or wastewater volume or character since the time of the wastewater discharge permit issuance;
- A change in the WWF that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- Information indicating that the permitted discharge poses a threat to the City's POTW, personnel, or the receiving waters;
- Violation of any term or condition of the permit
- Misrepresentation or failure to fully disclose all relevant facts in the wastewater discharge permit application or in any required reporting;
- Revision of or a grant of variance from categorical pretreatment standards;
- To correct typographical or other errors in the permit; or

- To reflect a transfer of the facility ownership or operation to a new owner or operator.

PART 20. 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 circumstances is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

SECTION 3. ENFORCEMENT

PART 1. NOTICE OF VIOLATION (NOV):

A. Any violation of pretreatment requirements, including but not limited to discharge limits, sampling, analysis, reporting, and meeting compliance schedules, and regulatory deadlines, shall be considered as noncompliance for which the Permittee is liable for enforcement, including penalties.

B. The Permittee shall respond to any NOV in writing within 30 days of the notice. This written notification shall include the reason for the violation(s), the actions taken to correct the violation(s) and what steps will be taken to prevent the violation(s) from occurring in the future.

PART 2. SIGNIFICANT NONCOMPLIANCE (SNC):

A Significant Industrial User that meets any of the following criteria or any Industrial User that meets paragraphs C, D, or H shall be in Significant Noncompliance:

- 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 the numeric Pretreatment Standard or Requirement including instantaneous limits multiplied by the applicable TRC (TRC = 1.4 for BOD, TSS, fats, oil, and grease, and 1.2 for all other pollutants except pH).
- C. Any other violation of a Pretreatment Standard or Requirement (daily maximum, long-term average, instantaneous limit, or narrative Standard) that the POTW 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 the environment or has resulted in the POTW's exercise of its emergency authority to halt or prevent such a discharge.

- E. Failure to meet, within ninety (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 thirty (30) days after the due date, required reports such as baseline monitoring reports, 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 a violation of Best Management Practices, which the POTW determines may adversely affect the operation or implementation of the local pretreatment program.

PART 3. ENFORCEMENT RESPONSE PLAN

Enforcement actions will generally be in accordance with the City's adopted Enforcement Response Plan (ERP), a copy of which is available upon request to the City of Post Falls Pretreatment Coordinator, at 208-777-9857, or at 2002 W. Seltice, Post Falls, Idaho, 83854.



Public Works Department
Water Reclamation Division

SAMPLE INDUSTRIAL WASTEWATER DISCHARGE PERMIT

PERMIT #*EXAMPLE CIU*

issued by the

CITY OF POST FALLS, IDAHO

to

COMPANY NAME ADDRESS CITY, STATE ZIP CODE

Date Issued: _____



Public Works Department
Water Reclamation Division

COVER PAGE

INDUSTRIAL WASTEWATER DISCHARGE PERMIT

In accordance with the provisions of the City of Post Falls sewer use ordinance, Title 13 Chapter 20, the COMPANY NAME, located at Address, Post Falls, Idaho, is hereby authorized to discharge a total of _____ gallons of treated industrial process wastewater per day from the above identified facility only through the outfalls identified herein into the City of Post Falls' sewer system in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in Section 1 (specific) and Section 2 (general) attached hereto and incorporated by reference herein as part of this permit.

Compliance with this permit does not relieve the permittee of its obligation to comply with all pretreatment regulations, standards or requirements under local, State and Federal laws, including any such laws, regulations, standards, or requirements that may become effective during the term of this permit.

Noncompliance with the terms and conditions of this permit shall constitute a violation of the City of Post Falls' sewer use ordinance.

This permit shall become effective on DATE and shall expire at midnight on DATE.

The permittee shall not discharge after the date of expiration. If the permittee wishes to continue to discharge after this expiration date an application must be filed for reissue of this permit in accordance with the requirements of Section _____ of the Post Falls sewer use ordinance, a minimum of 90 days prior to the expiration date.

Date: _____
Director, Department of Public Works

SECTION 1. SPECIFIC CONDITIONS

PART 1. OPERATION AND EFFLUENT ORIGINS

A. Description and Regulation of Operation

COMPANY NAME, operating at ADDRESS, CITY, ID. ZIP is identified for the purposes of this industrial wastewater discharge permit (WDP) as an electroplating facility. This facility is identified as a categorical industrial user subject to Federal electroplating regulations contained in 40 CFR Part 433, Subpart A - Metal Finishing Subcategory. Wastewaters produced by all operations associated processes are regulated at the end of process by 40 CFR Part 433. The facility discharges on average 12,000 gallons of regulated wastewater per calendar day and is therefore subject to Federal pretreatment standards for existing sources 40 CFR 433.15 (PSES) pertaining to this type of facility.

B. Origins of Regulated Wastewater and Pretreatment Requirements

Process wastewater is produced from the rinse areas of all electroplating process lines. Process streams not containing cyanide are discharged into the trench drain which discharges into a waste pipe which connects directly to the pH adjustment pretreatment system.

Wastewaters from all process streams containing cyanide are discharged to a separate piped collection system which connects directly to the cyanide destruct system in the pretreatment room. The discharge from the cyanide destruct system is connected to the influent side of the rinse water system entering the pH adjustment pretreatment system.

All other wastestreams including domestic wastestreams are considered dilute wastestreams and shall not enter the pretreatment system. The discharge from these non-regulated wastestreams shall combine with the regulated wastestreams prior to the final sampling point.

All significant industrial users shall promptly notify the POTW in advance of a change in the average monthly volume greater than twenty percent (20%) or a significant change in the character of pollutants in their discharge, including significant manufacturing process changes, pretreatment modifications, and the listed or characteristic hazardous wastes for which the industrial user has submitted initial notification under 40 CFR 403.12(p).

Any industrial user operating under a wastewater discharge permit incorporating equivalent mass or concentration limits shall notify the director within two (2) business days after the industrial user has a reasonable basis to know that the production level will significantly change within the next calendar month. Any industrial user not providing a notice of such anticipated change will be required to comply with the existing limits contained in its wastewater discharge permit.

PART 2. EFFLUENT LIMITATIONS

A. Outfall

During the period from _____ to _____ the permittee is authorized to discharge treated process wastewater to the City of CITY NAME's sanitary sewer system from the pipeline connected to the effluent discharge side of the pretreatment system at Outfall 001 as shown in

Section I., Part 3.E. of this WDP.

The permittee shall apply in writing to the director for permission to discharge processed wastewater to any other outfall than those indicated above. Reasons for the change and detailed plans and drawings of the proposed new outfall must accompany the request.

During the period from _____ to _____ the discharge from the outfall listed above shall not exceed the following effluent limitations. Effluent from this outfall consists of processed wastewater discharged at "end of process" from the pretreatment system. National categorical standards apply directly at this point, as no combined wastes are included.

B. Effluent Limitations

Parameter	Units	Local Daily Max	Federal Daily Max	Federal Monthly Avg	Applicable Daily	Applicable Monthly	F or L applies
Flow	gpd						
pH	SU						
BOD	mg/L						
COD	mg/L						
Total Cr	mg/L						
Total CN	mg/L						
Total Pb	mg/L						
Total Ni	mg/L						
Total Ag	mg/L						
Total Zn	mg/L						
TTO	mg/L						

- a. Limit for all values for a parameter obtained on one calendar day.
- b. Limit for the sum of all daily values divided by the number of daily values.
- c. Limit basis derived from Federal or Local discharge regulations. Federal limitations shall be from Categorical Pretreatment Standards and apply to the "end of process". If the categorical limits have been calculated using the CWF or FWA, then the limitation shall apply at "end of pipe". Careful notation shall be included to indicate which limit applies in each case.
- d. Flow of 25,000 gallons per day is a total allowable flow for the outfall.
- e. Federal limitation applies at "end of process". The limits listed in this table have been revised from "end of process" to "end of pipe" limits using the Flow Weighted Averaging Method (FWA). Calculation can be found in Table 1 at the end of this WDP on Page 15.
- f. Total toxic organics, (TTO), shall include the volatile compounds, acid compounds,

base/neutral compounds and pesticides identified by the EPA in 40 CFR Part 433 and listed on Page 16 of this WDP in Table 2.

PART 3. OPERATION AND MAINTENANCE OF POLLUTION CONTROLS

A. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the terms of this WDP. Proper operation and maintenance includes but is not limited to: effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the WDP.

B. Duty to Halt or Reduce Activity

Upon reduction of efficiency of operation, or loss or failure of all or part of the treatment facility, the permittee shall, to the extent necessary to maintain compliance with this WDP, control its production or discharges (or both) until operation of the treatment facility is restored or an alternative method of treatment is provided. This requirement applies, for example, when the primary source of power of the treatment facility fails or is reduced. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the WDP.

C. Bypass of Treatment Facilities

- 1) Bypass is prohibited unless it is unavoidable to prevent loss of life, personal injury or severe property damage or no feasible alternatives exist.
- 2) Bypass not exceeding limitations. The permittee may allow bypass to occur which does not cause effluent limitations to be exceeded, but only if it is also for essential maintenance to assure efficient operation.

D. Notification of Bypass:

- 1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior written notice, at least ten days before the date of the bypass, to the director.
- 2) Unanticipated bypass. The permittee shall submit oral notice to the director within twenty four (24) hours from the time it becomes aware of the bypass and submit a written notice to the POTW within 5 days. This report shall specify:
 - (i) A description of the bypass, and its cause and duration;
 - (ii) Whether the bypass has been corrected; and
 - (iii) The steps being taken or to be taken to reduce, eliminate or prevent a reoccurrence of the bypass.

E. Facility Site Maps and Sewer Layouts

PART 4. SAMPLING AND MONITORING REQUIREMENTS

A. Sample Points

During the period from _____ to _____, the permittee shall collect samples and monitor the treated process wastewater discharge from the following sample points:

1. Outfall 001 located outside the facility prior to the connection into the City's sewer system as shown on Page ___ of this WDP.

This is the only sampling point that is approved by the director for the permittee's collection of process wastewater samples.

B. Sampling and Analysis

The samples collected by the permittee or its' authorized representative shall be analyzed for the following parameters. Frequency and types of samples to be taken are indicated below:

Parameter	Sample Location	Measurement Frequency	Sample Type
Flow			
pH			
BOD			
COD			
Etc.			

- a) Types of samples collected by the permittee or its' authorized representative shall be as representative as possible of the volume and nature of the permittee's wastewater discharge throughout the daily period of facility operation. All handling and preservation of collected samples shall be performed in accordance with 40 CFR Part 136. The City reserves the right to spot check sampling procedures by the permittee's contract laboratory at any time.
- b) Quarterly samples shall be taken and analyzed in January, April, July and October of each year. EPA Method 608, 624 and 625 scans are required in January and July of each year.
- c) Discrete grab samples shall be taken for pH, cyanide and volatile organics (EPA Method 624).
- d) Aliquots of equal volumes of wastewater shall be taken on a flow proportional basis throughout the daily discharge period of the permittee. A minimum of 12 aliquots shall be composited to generate the final sample. All equipment used for sampling and analysis must be routinely calibrated, inspected and maintained to ensure its accuracy.

C. Permittee's Analytical Laboratory

The permittee shall utilize a certified laboratory of its choosing for the purposes of complying with the requirements of this WDP. Certification must be current during the performance of a required analysis for each parameter measured. The permittee is directly responsible for ensuring the validity of all analytical measurements received from its laboratory as required by this WDP. The City will only accept analytical results that are performed by a laboratory certified by the State of Idaho for environmental analysis. Analytical measurements submitted by non certified laboratories or resulting from the analysis of samples during periods of non certification for the analyte will be considered null and void and the facility will be considered as not having monitored for these parameters.

Prior to performing any analysis regulated by this WDP, the permittee shall instruct its laboratory to submit a copy of its current Environmental Water Certification Analytes List and Environmental Certificate to the City. The laboratory(ies) shall also submit a copy of the latest EPA approval correspondence containing the EPA assigned Comprehensive Quality Assurance Plan number to the City. As soon as these three documents are renewed or revised in any way, the laboratory shall send updated copies of these documents to the City as appropriate.

The City will not accept analytical results from any certified laboratory until the above requirements have been complied with.

D. Sampling Procedures

All sampling procedures shall comply with the requirements contained in the EPA Standard Operating Procedures for Laboratory Operations and Sample Collection Activities.

If the permittee performs its own sampling, the permittee shall prepare a written description of its procedure entitled "Standard Operating Procedure (SOP) for Environmental Sampling for Industrial Pretreatment Requirements". This document shall be submitted to the City for approval within 90 days after the issuance of this WDP. The City may, at its option, observe the collection of the required samples by the permittee to ensure that EPA approved sampling methods are complied with in full. Failure to follow EPA sampling procedures will result in the City's rejection of the sample and any resulting analytical results that may be submitted by the permittee.

If the permittee's chosen laboratory performs the sampling for the permittee, the City may, at its option, observe the collection of the required samples to ensure that EPA approved sampling methods are complied with in full by the laboratory concerned. Failure to follow EPA sampling procedures will result in the City's rejection of the sample and any resulting analytical results that may be submitted by the permittee or its laboratory.

PART 5. REPORTING REQUIREMENTS

A. Periodic Compliance Reports

Analytical results obtained shall be summarized and reported on a copy of the attached industrial user periodic compliance report form. Each periodic compliance report shall indicate the nature and concentration of all required pollutants in the effluent for which sampling and analyses were performed, including measured wastewater flows or potable water consumption.

The due date for submission of periodic compliance reports is thirty days after the last day of the month in which the samples are required to be taken (see Section 1, Part 3 B, footnote b of this WDP). If a report is submitted more than 30 days after the due date, the facility will be deemed to be in significant noncompliance and appropriate enforcement proceedings will be initiated by the City according to the Industrial Pretreatment Program's "Enforcement Response Plan".

The next periodic compliance report should consist of:

1. A completed copy of the Sampling and analysis form.
2. A completed copy of the Periodic compliance report form.
3. A completed copy of the Certification statement.
4. A copy of the original contracting laboratory's analysis, including all chain of custody forms.

A report shall be considered incomplete and in violation of reporting requirements if it does not contain all of the above required forms and information. Incomplete reports will be returned to sender.

B. Extra Monitoring

If the permittee monitors its discharge for any pollutant more frequently than required by this WDP, using test procedures prescribed in 40 CFR Part 136, or otherwise approved by EPA or as specified in this WDP, the results of such monitoring shall be included in the calculation and results shall be reported in the quarterly reports and submitted to the director. Such increased monitoring frequency shall also be indicated on the quarterly report.

C. Automatic Resampling

If the results of the permittee's wastewater analysis indicate a violation has occurred, the permittee must:

- a. Inform the director within 24 hours of becoming aware of the violation; and
- b. Repeat the sampling and pollutant analysis for the parameter in violation and submit the results of the second analysis in writing to the City within 30 days after becoming aware of the violation.

D. Accidental Discharge Report

The permittee shall notify the director no later than twenty-four (24) hours upon the occurrence of an accidental discharge of substances prohibited by City of Post Falls municipal code Chapter 13.20 *et seq.* or any slug loads or spills that may enter the public sewer. During normal business hours the director should be notified by telephone at (208) 777-9857. At all other times, the director should be notified by telephone at (208) 773-3517. The permittee shall inform the director that it is an industrial discharge facility and shall include location of discharge, date and time, type of waste, including concentration and volume, and corrective actions taken. The

permittee's notification of accidental releases in accordance with this section does not relieve it of other reporting requirements that arise under local, State, or Federal laws. Within five (5) days following an accidental discharge, the permittee shall submit to the director a detailed written report. The report shall specify:

- a. Description and cause of the upset, slug or accidental discharge, the cause thereof and the impact on the permittee's compliance status. The description should also include location of discharge, type, concentration and volume of waste.
- b. Duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance continues, the time by which compliance is reasonably expected to occur.
- c. All steps taken or to be taken to reduce, eliminate, and prevent recurrence of such an upset, slug, accidental discharge, or other conditions of noncompliance.

Industrial users shall resample within thirty (30) days of a slug or accidental discharge to demonstrate compliance with the local limits and permitted discharge parameters.

E. Report Submission

The permittee shall submit all reports required by this WDP to the director at the following address:

Director, Department of Public Works
City of Post Falls
408 N. Spokane Street
Post Falls, ID 83854

PART 6. DEMAND MONITORING COSTS

Any required demand monitoring, inspections and surveillance deemed to be necessary as a result of a violation will be carried out by the City and may be charged directly to the permittee at City's cost.

PART 7. SPECIAL CONDITIONS

The director reserves the right at any time throughout the duration of this WDP to require the permittee to review its discharge/slug control plan which shall be re-evaluated every permit cycle. Accidental discharge/ slug control plans should address at a minimum, the following:

- a. Description of discharge practices, including nonroutine batch discharges.
- b. Description of stored chemicals.
- c. Procedures for immediately notifying the WWF of any accidental or slug discharge.
- d. Procedures to prevent adverse impact from any accidental or slug discharges. Such procedures include, but are not limited to, inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site run-off, worker training, building of containment structures or equipment, measures for

containing toxic organic pollutants (including solvents), and/or measures and equipment for emergency response.

SECTION 2. GENERAL REQUIREMENTS AND CONDITIONS

PART 1. COMPLIANCE WITH THE CITY OF POST FALLS CODE

Wastewater discharge permits shall be expressly subject to all provisions of City of Post Falls Code, Title 13, as amended and all other applicable codes and regulations.

PART 2. DUTY TO REAPPLY

The User shall apply for permit reissuance at least ninety (90) days, but no more than one hundred and eighty (180) days prior to the expiration of the User's permit. The User shall be informed of any proposed changes to his permit at least thirty (30) days prior to the effective date of change. Any changes or new conditions in the permit shall include a reasonable time schedule for compliance.

PART 3. CONTINUATION OF EXPIRED WDPS

An expired WDP will continue to be effective and enforceable until the WDP is reissued if:

- a. The permittee has submitted a complete WDP application at least ninety (90) days prior to the expiration date of the user's existing WDP.
- b. The failure to reissue the WDP, prior to expiration of the previous WDP, is not due to any act or failure to act on the part of the permittee.

PART 4. SIGNATORY AND CERTIFICATION REQUIREMENTS

All reports required by this permit shall contain the name/title of a principal executive officer of the Industrial User, and shall be signed by the principal executive officer or his authorized representative. The report being submitted shall contain the following 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."

PART 5. RIGHT OF ENTRY

The Permittee shall allow the City or its representatives exhibiting proper credentials and identification, to enter upon the premises of the User, at all reasonable hours for the purposes of

inspection, sampling, or records inspection and duplication. Reasonable hours in the context of inspection and sampling includes any time the Permittee is operating any process which results in a process wastewater discharge to the City's POTW. In the event that City employees fail or neglect to observe appropriate safety procedures or engage in any act of misconduct while performing the necessary work on private property, the Permittee may request that said employees cease the work and vacate the premises. In the event of such an incident, the Director shall be notified.

PART 6. LIMITATION ON PERMIT TRANSFER

Wastewater discharge permits are issued to a specific User for a specific operation. They shall not be reassigned, or transferred, or sold to a new owner, new significant Permittee, or transferred to a different premises without City approval.

PART 7. CHANGED CONDITIONS

The Permittee shall report to the City prior to the introduction of new wastewater or pollutants or any substantial change in the volume or characteristics of the wastewater being discharged into the POTW from the User's industrial processes, in accordance with Section 102 50.

PART 8. RECORDS RETENTION

(A) The Permittee shall retain and preserve for no less than five (5) years, any records, books, and documents, memoranda, reports, correspondence and any and all summaries thereof, relating to monitoring, sampling and chemical analyses made by or in behalf of the User in connection with its discharge.

(B) All 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.

PART 9. SAMPLE TYPE

All samples shall be 24-hour (flow-proportioned or time-proportioned) composite samples were feasible, except cyanide, total phenols, oil and grease, pH, volatile organics, and temperature, which are grab samples.

PART 10. MEASUREMENTS FOR DISCHARGE LIMITATIONS

A. The six (6) month average is a rolling average, equal to the arithmetic mean of the samples collected during consecutive reporting periods which comprise six (6) months. For parameters that are measured at least once per month, the six (6) month average shall be computed at the end of each month and is equal to the arithmetic mean of the monthly average of the month being reported and monthly average of each of the previous five (5) months.

B. The monthly average concentration is the sum of the concentrations of all daily discharges sampled and/or measured during a calendar month, divided by the number of daily discharges sampled and/or measured during such month (arithmetic mean of the daily concentration values). The daily concentration value is equal to the concentration of a composite sample or in the case of grab samples is the arithmetic mean (weighted by flow value) of all the samples collected during that calendar day.

C. The daily maximum concentration is the highest value recorded during the reporting period.

PART 11. RECORDING OF RESULTS

For each measurement or sample taken pursuant to the requirements of this permit, the following information shall be recorded:

- A. The exact place, date and time of sampling;
- B. The dates the analyses were performed;
- C. The person responsible for performing the sampling or measurement;
- D. The person(s) who performed the analyses;
- E. The analytical techniques or methods used, and
- F. The results of all required analyses.

PART 12. VIOLATION NOTIFICATION AND RESAMPLE REQUIREMENT

If sampling performed by Permittee indicates a violation of any part of this Permit or Title 13 Chapter 20 of the City of Post Falls municipal code, the Permittee shall notify the control authority (City of Post Falls) within 24 hours of becoming aware of the violation. The Permittee shall repeat the sampling and analysis and submit both results of the analysis to the control authority within 30 days after becoming aware of the violation.

PART 13. DILUTION

No Permittee shall 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 the permit.

PART 14. PROPER DISPOSAL OF PRETREATMENT SLUDGES AND SPENT CHEMICALS

The disposal of any sludges and/or spent chemicals by the Permittee shall be done in accordance with Section 405 of the Clean Water Act, Subtitles C and D of the Resource Conservation and Recovery Act and Title 13 Chapter 20, Post Falls' municipal code, as amended.

PART 15. FLOW MEASUREMENTS

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to insure the accuracy and reliability of measurements of the volume of

monitoring discharges. The devices shall be installed, calibrated, and maintained by the Permittee to insure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than +/- 10% from the true discharge rates throughout the range of expected discharge volumes.

PART 16. SUSPENSION OF SERVICE AND/OR PERMIT

The City may suspend wastewater treatment service and/or the wastewater discharge permit when such suspension is necessary to stop an actual or threatened discharge which would endanger the health or welfare of persons or the environment, cause interference with POTW operations, cause sludge quality degradation, or cause the City to violate any conditions of its operating permit and/or its NPDES permit.

PART 17. FAILING TO COMPLY WITH PERMIT CONDITIONS, FALSIFYING INFORMATION OR TAMPERING WITH MONITORING EQUIPMENT

Any User who willfully or negligently fails to comply with provisions of this permit shall be subject to the imposition of penalties and appropriate recovery of costs by the City. Any person who knowingly makes any false statements, representation or correction in any record, report, plan or other document filed pursuant to this permit, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under this permit shall, upon conviction, be subject to the imposition of penalties prescribed by PFMC 13.20 *et seq* or any other applicable local, State or Federal law.

PART 18. MODIFICATION OR REVISION OF THE PERMIT

The Director may modify a Wastewater Discharge Permit for good cause, including, but not limited to, the following reasons;

- To incorporate any new or revised Federal, State or local pretreatment standards or requirements;
- To address significant alterations or additions to the Permittee's operation, processes, or wastewater volume or character since the time of the wastewater discharge permit issuance;
- A change in the WWF that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- Information indicating that the permitted discharge poses a threat to the City's POTW, personnel, or the receiving waters;
- Violation of any term or condition of the permit
- Misrepresentation or failure to fully disclose all relevant facts in the wastewater discharge permit application or in any required reporting;
- Revision of or a grant of variance from categorical pretreatment standards;
- To correct typographical or other errors in the permit; or

- To reflect a transfer of the facility ownership or operation to a new owner or operator.

PART 20. 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 circumstances is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

SECTION 3. ENFORCEMENT

PART 1. NOTICE OF VIOLATION (NOV):

A. Any violation of pretreatment requirements, including but not limited to discharge limits, sampling, analysis, reporting, and meeting compliance schedules, and regulatory deadlines, shall be considered as noncompliance for which the Permittee is liable for enforcement, including penalties.

B. The Permittee shall respond to any NOV in writing within 30 days of the notice. This written notification shall include the reason for the violation(s), the actions taken to correct the violation(s) and what steps will be taken to prevent the violation(s) from occurring in the future.

PART 2. SIGNIFICANT NONCOMPLIANCE (SNC):

A Significant Industrial User that meets any of the following criteria or any Industrial User that meets paragraphs C, D, or H shall be in Significant Noncompliance:

- 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 the numeric Pretreatment Standard or Requirement including instantaneous limits multiplied by the applicable TRC (TRC = 1.4 for BOD, TSS, fats, oil, and grease, and 1.2 for all other pollutants except pH).
- C. Any other violation of a Pretreatment Standard or Requirement (daily maximum, long-term average, instantaneous limit, or narrative Standard) that the POTW 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 the environment or has resulted in the POTW's exercise of its emergency authority to halt or prevent such a discharge.

- E. Failure to meet, within ninety (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 thirty (30) days after the due date, required reports such as baseline monitoring reports, 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 a violation of Best Management Practices, which the POTW determines may adversely affect the operation or implementation of the local pretreatment program.

PART 3. ENFORCEMENT RESPONSE PLAN

Enforcement actions will generally be in accordance with the City's adopted Enforcement Response Plan (ERP), a copy of which is available upon request to the City of Post Falls Pretreatment Coordinator, at 208-777-9857, or at 2002 W. Seltice, Post Falls, Idaho, 83854.



Public Works Department
Water Reclamation Division

SAMPLE INDUSTRIAL WASTEWATER DISCHARGE PERMIT

PERMIT #*EXAMPLE CIU*

issued by the

CITY OF POST FALLS, IDAHO

to

COMPANY NAME ADDRESS CITY, STATE ZIP CODE

Date Issued: _____



Public Works Department
Water Reclamation Division

COVER PAGE

INDUSTRIAL WASTEWATER DISCHARGE PERMIT

In accordance with the provisions of the City of Post Falls sewer use ordinance, Title 13 Chapter 20, the COMPANY NAME, located at Address, Post Falls, Idaho, is hereby authorized to discharge a total of _____ gallons of treated industrial process wastewater per day from the above identified facility only through the outfalls identified herein into the City of Post Falls' sewer system in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in Section 1 (specific) and Section 2 (general) attached hereto and incorporated by reference herein as part of this permit.

Compliance with this permit does not relieve the permittee of its obligation to comply with all pretreatment regulations, standards or requirements under local, State and Federal laws, including any such laws, regulations, standards, or requirements that may become effective during the term of this permit.

Noncompliance with the terms and conditions of this permit shall constitute a violation of the City of Post Falls' sewer use ordinance.

This permit shall become effective on DATE and shall expire at midnight on DATE.

The permittee shall not discharge after the date of expiration. If the permittee wishes to continue to discharge after this expiration date an application must be filed for reissue of this permit in accordance with the requirements of Section _____ of the Post Falls sewer use ordinance, a minimum of 90 days prior to the expiration date.

Date: _____
Director, Department of Public Works

SECTION 1. SPECIFIC CONDITIONS

PART 1. OPERATION AND EFFLUENT ORIGINS

A. Description and Regulation of Operation

COMPANY NAME, operating at ADDRESS, CITY, ID. ZIP is identified for the purposes of this industrial wastewater discharge permit (WDP) as an electroplating facility. This facility is identified as a categorical industrial user subject to Federal electroplating regulations contained in 40 CFR Part 433, Subpart A - Metal Finishing Subcategory. Wastewaters produced by all operations associated processes are regulated at the end of process by 40 CFR Part 433. The facility discharges on average 12,000 gallons of regulated wastewater per calendar day and is therefore subject to Federal pretreatment standards for existing sources 40 CFR 433.15 (PSES) pertaining to this type of facility.

B. Origins of Regulated Wastewater and Pretreatment Requirements

Process wastewater is produced from the rinse areas of all electroplating process lines. Process streams not containing cyanide are discharged into the trench drain which discharges into a waste pipe which connects directly to the pH adjustment pretreatment system.

Wastewaters from all process streams containing cyanide are discharged to a separate piped collection system which connects directly to the cyanide destruct system in the pretreatment room. The discharge from the cyanide destruct system is connected to the influent side of the rinse water system entering the pH adjustment pretreatment system.

All other wastestreams including domestic wastestreams are considered dilute wastestreams and shall not enter the pretreatment system. The discharge from these non-regulated wastestreams shall combine with the regulated wastestreams prior to the final sampling point.

All significant industrial users shall promptly notify the POTW in advance of a change in the average monthly volume greater than twenty percent (20%) or a significant change in the character of pollutants in their discharge, including significant manufacturing process changes, pretreatment modifications, and the listed or characteristic hazardous wastes for which the industrial user has submitted initial notification under 40 CFR 403.12(p).

Any industrial user operating under a wastewater discharge permit incorporating equivalent mass or concentration limits shall notify the director within two (2) business days after the industrial user has a reasonable basis to know that the production level will significantly change within the next calendar month. Any industrial user not providing a notice of such anticipated change will be required to comply with the existing limits contained in its wastewater discharge permit.

PART 2. EFFLUENT LIMITATIONS

A. Outfall

During the period from _____ to _____ the permittee is authorized to discharge treated process wastewater to the City of CITY NAME's sanitary sewer system from the pipeline connected to the effluent discharge side of the pretreatment system at Outfall 001 as shown in

Section I., Part 3.E. of this WDP.

The permittee shall apply in writing to the director for permission to discharge processed wastewater to any other outfall than those indicated above. Reasons for the change and detailed plans and drawings of the proposed new outfall must accompany the request.

During the period from _____ to _____ the discharge from the outfall listed above shall not exceed the following effluent limitations. Effluent from this outfall consists of processed wastewater discharged at "end of process" from the pretreatment system. National categorical standards apply directly at this point, as no combined wastes are included.

B. Effluent Limitations

Parameter	Units	Local Daily Max	Federal Daily Max	Federal Monthly Avg	Applicable Daily	Applicable Monthly	F or L applies
Flow	gpd						
pH	SU						
BOD	mg/L						
COD	mg/L						
Total Cr	mg/L						
Total CN	mg/L						
Total Pb	mg/L						
Total Ni	mg/L						
Total Ag	mg/L						
Total Zn	mg/L						
TTO	mg/L						

- a. Limit for all values for a parameter obtained on one calendar day.
- b. Limit for the sum of all daily values divided by the number of daily values.
- c. Limit basis derived from Federal or Local discharge regulations. Federal limitations shall be from Categorical Pretreatment Standards and apply to the "end of process". If the categorical limits have been calculated using the CWF or FWA, then the limitation shall apply at "end of pipe". Careful notation shall be included to indicate which limit applies in each case.
- d. Flow of 25,000 gallons per day is a total allowable flow for the outfall.
- e. Federal limitation applies at "end of process". The limits listed in this table have been revised from "end of process" to "end of pipe" limits using the Flow Weighted Averaging Method (FWA). Calculation can be found in Table 1 at the end of this WDP on Page 15.
- f. Total toxic organics, (TTO), shall include the volatile compounds, acid compounds,

base/neutral compounds and pesticides identified by the EPA in 40 CFR Part 433 and listed on Page 16 of this WDP in Table 2.

PART 3. OPERATION AND MAINTENANCE OF POLLUTION CONTROLS

A. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the terms of this WDP. Proper operation and maintenance includes but is not limited to: effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the WDP.

B. Duty to Halt or Reduce Activity

Upon reduction of efficiency of operation, or loss or failure of all or part of the treatment facility, the permittee shall, to the extent necessary to maintain compliance with this WDP, control its production or discharges (or both) until operation of the treatment facility is restored or an alternative method of treatment is provided. This requirement applies, for example, when the primary source of power of the treatment facility fails or is reduced. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the WDP.

C. Bypass of Treatment Facilities

- 1) Bypass is prohibited unless it is unavoidable to prevent loss of life, personal injury or severe property damage or no feasible alternatives exist.
- 2) Bypass not exceeding limitations. The permittee may allow bypass to occur which does not cause effluent limitations to be exceeded, but only if it is also for essential maintenance to assure efficient operation.

D. Notification of Bypass:

- 1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior written notice, at least ten days before the date of the bypass, to the director.
- 2) Unanticipated bypass. The permittee shall submit oral notice to the director within twenty four (24) hours from the time it becomes aware of the bypass and submit a written notice to the POTW within 5 days. This report shall specify:
 - (i) A description of the bypass, and its cause and duration;
 - (ii) Whether the bypass has been corrected; and
 - (iii) The steps being taken or to be taken to reduce, eliminate or prevent a reoccurrence of the bypass.

E. Facility Site Maps and Sewer Layouts

PART 4. SAMPLING AND MONITORING REQUIREMENTS

A. Sample Points

During the period from _____ to _____, the permittee shall collect samples and monitor the treated process wastewater discharge from the following sample points:

1. Outfall 001 located outside the facility prior to the connection into the City's sewer system as shown on Page ___ of this WDP.

This is the only sampling point that is approved by the director for the permittee's collection of process wastewater samples.

B. Sampling and Analysis

The samples collected by the permittee or its' authorized representative shall be analyzed for the following parameters. Frequency and types of samples to be taken are indicated below:

Parameter	Sample Location	Measurement Frequency	Sample Type
Flow			
pH			
BOD			
COD			
Etc.			

- a) Types of samples collected by the permittee or its' authorized representative shall be as representative as possible of the volume and nature of the permittee's wastewater discharge throughout the daily period of facility operation. All handling and preservation of collected samples shall be performed in accordance with 40 CFR Part 136. The City reserves the right to spot check sampling procedures by the permittee's contract laboratory at any time.
- b) Quarterly samples shall be taken and analyzed in January, April, July and October of each year. EPA Method 608, 624 and 625 scans are required in January and July of each year.
- c) Discrete grab samples shall be taken for pH, cyanide and volatile organics (EPA Method 624).
- d) Aliquots of equal volumes of wastewater shall be taken on a flow proportional basis throughout the daily discharge period of the permittee. A minimum of 12 aliquots shall be composited to generate the final sample. All equipment used for sampling and analysis must be routinely calibrated, inspected and maintained to ensure its accuracy.

C. Permittee's Analytical Laboratory

The permittee shall utilize a certified laboratory of its choosing for the purposes of complying with the requirements of this WDP. Certification must be current during the performance of a required analysis for each parameter measured. The permittee is directly responsible for ensuring the validity of all analytical measurements received from its laboratory as required by this WDP. The City will only accept analytical results that are performed by a laboratory certified by the State of Idaho for environmental analysis. Analytical measurements submitted by non certified laboratories or resulting from the analysis of samples during periods of non certification for the analyte will be considered null and void and the facility will be considered as not having monitored for these parameters.

Prior to performing any analysis regulated by this WDP, the permittee shall instruct its laboratory to submit a copy of its current Environmental Water Certification Analytes List and Environmental Certificate to the City. The laboratory(ies) shall also submit a copy of the latest EPA approval correspondence containing the EPA assigned Comprehensive Quality Assurance Plan number to the City. As soon as these three documents are renewed or revised in any way, the laboratory shall send updated copies of these documents to the City as appropriate.

The City will not accept analytical results from any certified laboratory until the above requirements have been complied with.

D. Sampling Procedures

All sampling procedures shall comply with the requirements contained in the EPA Standard Operating Procedures for Laboratory Operations and Sample Collection Activities.

If the permittee performs its own sampling, the permittee shall prepare a written description of its procedure entitled "Standard Operating Procedure (SOP) for Environmental Sampling for Industrial Pretreatment Requirements". This document shall be submitted to the City for approval within 90 days after the issuance of this WDP. The City may, at its option, observe the collection of the required samples by the permittee to ensure that EPA approved sampling methods are complied with in full. Failure to follow EPA sampling procedures will result in the City's rejection of the sample and any resulting analytical results that may be submitted by the permittee.

If the permittee's chosen laboratory performs the sampling for the permittee, the City may, at its option, observe the collection of the required samples to ensure that EPA approved sampling methods are complied with in full by the laboratory concerned. Failure to follow EPA sampling procedures will result in the City's rejection of the sample and any resulting analytical results that may be submitted by the permittee or its laboratory.

PART 5. REPORTING REQUIREMENTS

A. Periodic Compliance Reports

Analytical results obtained shall be summarized and reported on a copy of the attached industrial user periodic compliance report form. Each periodic compliance report shall indicate the nature and concentration of all required pollutants in the effluent for which sampling and analyses were performed, including measured wastewater flows or potable water consumption.

The due date for submission of periodic compliance reports is thirty days after the last day of the month in which the samples are required to be taken (see Section 1, Part 3 B, footnote b of this WDP). If a report is submitted more than 30 days after the due date, the facility will be deemed to be in significant noncompliance and appropriate enforcement proceedings will be initiated by the City according to the Industrial Pretreatment Program's "Enforcement Response Plan".

The next periodic compliance report should consist of:

1. A completed copy of the Sampling and analysis form.
2. A completed copy of the Periodic compliance report form.
3. A completed copy of the Certification statement.
4. A copy of the original contracting laboratory's analysis, including all chain of custody forms.

A report shall be considered incomplete and in violation of reporting requirements if it does not contain all of the above required forms and information. Incomplete reports will be returned to sender.

B. Extra Monitoring

If the permittee monitors its discharge for any pollutant more frequently than required by this WDP, using test procedures prescribed in 40 CFR Part 136, or otherwise approved by EPA or as specified in this WDP, the results of such monitoring shall be included in the calculation and results shall be reported in the quarterly reports and submitted to the director. Such increased monitoring frequency shall also be indicated on the quarterly report.

C. Automatic Resampling

If the results of the permittee's wastewater analysis indicate a violation has occurred, the permittee must:

- a. Inform the director within 24 hours of becoming aware of the violation; and
- b. Repeat the sampling and pollutant analysis for the parameter in violation and submit the results of the second analysis in writing to the City within 30 days after becoming aware of the violation.

D. Accidental Discharge Report

The permittee shall notify the director no later than twenty-four (24) hours upon the occurrence of an accidental discharge of substances prohibited by City of Post Falls municipal code Chapter 13.20 *et seq.* or any slug loads or spills that may enter the public sewer. During normal business hours the director should be notified by telephone at (208) 777-9857. At all other times, the director should be notified by telephone at (208) 773-3517. The permittee shall inform the director that it is an industrial discharge facility and shall include location of discharge, date and time, type of waste, including concentration and volume, and corrective actions taken. The

permittee's notification of accidental releases in accordance with this section does not relieve it of other reporting requirements that arise under local, State, or Federal laws. Within five (5) days following an accidental discharge, the permittee shall submit to the director a detailed written report. The report shall specify:

- a. Description and cause of the upset, slug or accidental discharge, the cause thereof and the impact on the permittee's compliance status. The description should also include location of discharge, type, concentration and volume of waste.
- b. Duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance continues, the time by which compliance is reasonably expected to occur.
- c. All steps taken or to be taken to reduce, eliminate, and prevent recurrence of such an upset, slug, accidental discharge, or other conditions of noncompliance.

Industrial users shall resample within thirty (30) days of a slug or accidental discharge to demonstrate compliance with the local limits and permitted discharge parameters.

E. Report Submission

The permittee shall submit all reports required by this WDP to the director at the following address:

Director, Department of Public Works
City of Post Falls
408 N. Spokane Street
Post Falls, ID 83854

PART 6. DEMAND MONITORING COSTS

Any required demand monitoring, inspections and surveillance deemed to be necessary as a result of a violation will be carried out by the City and may be charged directly to the permittee at City's cost.

PART 7. SPECIAL CONDITIONS

The director reserves the right at any time throughout the duration of this WDP to require the permittee to review its discharge/slug control plan which shall be re-evaluated every permit cycle. Accidental discharge/ slug control plans should address at a minimum, the following:

- a. Description of discharge practices, including nonroutine batch discharges.
- b. Description of stored chemicals.
- c. Procedures for immediately notifying the WWF of any accidental or slug discharge.
- d. Procedures to prevent adverse impact from any accidental or slug discharges. Such procedures include, but are not limited to, inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site run-off, worker training, building of containment structures or equipment, measures for

containing toxic organic pollutants (including solvents), and/or measures and equipment for emergency response.

SECTION 2. GENERAL REQUIREMENTS AND CONDITIONS

PART 1. COMPLIANCE WITH THE CITY OF POST FALLS CODE

Wastewater discharge permits shall be expressly subject to all provisions of City of Post Falls Code, Title 13, as amended and all other applicable codes and regulations.

PART 2. DUTY TO REAPPLY

The User shall apply for permit reissuance at least ninety (90) days, but no more than one hundred and eighty (180) days prior to the expiration of the User's permit. The User shall be informed of any proposed changes to his permit at least thirty (30) days prior to the effective date of change. Any changes or new conditions in the permit shall include a reasonable time schedule for compliance.

PART 3. CONTINUATION OF EXPIRED WDPS

An expired WDP will continue to be effective and enforceable until the WDP is reissued if:

- a. The permittee has submitted a complete WDP application at least ninety (90) days prior to the expiration date of the user's existing WDP.
- b. The failure to reissue the WDP, prior to expiration of the previous WDP, is not due to any act or failure to act on the part of the permittee.

PART 4. SIGNATORY AND CERTIFICATION REQUIREMENTS

All reports required by this permit shall contain the name/title of a principal executive officer of the Industrial User, and shall be signed by the principal executive officer or his authorized representative. The report being submitted shall contain the following 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."

PART 5. RIGHT OF ENTRY

The Permittee shall allow the City or its representatives exhibiting proper credentials and identification, to enter upon the premises of the User, at all reasonable hours for the purposes of

inspection, sampling, or records inspection and duplication. Reasonable hours in the context of inspection and sampling includes any time the Permittee is operating any process which results in a process wastewater discharge to the City's POTW. In the event that City employees fail or neglect to observe appropriate safety procedures or engage in any act of misconduct while performing the necessary work on private property, the Permittee may request that said employees cease the work and vacate the premises. In the event of such an incident, the Director shall be notified.

PART 6. LIMITATION ON PERMIT TRANSFER

Wastewater discharge permits are issued to a specific User for a specific operation. They shall not be reassigned, or transferred, or sold to a new owner, new significant Permittee, or transferred to a different premises without City approval.

PART 7. CHANGED CONDITIONS

The Permittee shall report to the City prior to the introduction of new wastewater or pollutants or any substantial change in the volume or characteristics of the wastewater being discharged into the POTW from the User's industrial processes, in accordance with Section 102 50.

PART 8. RECORDS RETENTION

(A) The Permittee shall retain and preserve for no less than five (5) years, any records, books, and documents, memoranda, reports, correspondence and any and all summaries thereof, relating to monitoring, sampling and chemical analyses made by or in behalf of the User in connection with its discharge.

(B) All 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.

PART 9. SAMPLE TYPE

All samples shall be 24-hour (flow-proportioned or time-proportioned) composite samples were feasible, except cyanide, total phenols, oil and grease, pH, volatile organics, and temperature, which are grab samples.

PART 10. MEASUREMENTS FOR DISCHARGE LIMITATIONS

A. The six (6) month average is a rolling average, equal to the arithmetic mean of the samples collected during consecutive reporting periods which comprise six (6) months. For parameters that are measured at least once per month, the six (6) month average shall be computed at the end of each month and is equal to the arithmetic mean of the monthly average of the month being reported and monthly average of each of the previous five (5) months.

B. The monthly average concentration is the sum of the concentrations of all daily discharges sampled and/or measured during a calendar month, divided by the number of daily discharges sampled and/or measured during such month (arithmetic mean of the daily concentration values). The daily concentration value is equal to the concentration of a composite sample or in the case of grab samples is the arithmetic mean (weighted by flow value) of all the samples collected during that calendar day.

C. The daily maximum concentration is the highest value recorded during the reporting period.

PART 11. RECORDING OF RESULTS

For each measurement or sample taken pursuant to the requirements of this permit, the following information shall be recorded:

- A. The exact place, date and time of sampling;
- B. The dates the analyses were performed;
- C. The person responsible for performing the sampling or measurement;
- D. The person(s) who performed the analyses;
- E. The analytical techniques or methods used, and
- F. The results of all required analyses.

PART 12. VIOLATION NOTIFICATION AND RESAMPLE REQUIREMENT

If sampling performed by Permittee indicates a violation of any part of this Permit or Title 13 Chapter 20 of the City of Post Falls municipal code, the Permittee shall notify the control authority (City of Post Falls) within 24 hours of becoming aware of the violation. The Permittee shall repeat the sampling and analysis and submit both results of the analysis to the control authority within 30 days after becoming aware of the violation.

PART 13. DILUTION

No Permittee shall 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 the permit.

PART 14. PROPER DISPOSAL OF PRETREATMENT SLUDGES AND SPENT CHEMICALS

The disposal of any sludges and/or spent chemicals by the Permittee shall be done in accordance with Section 405 of the Clean Water Act, Subtitles C and D of the Resource Conservation and Recovery Act and Title 13 Chapter 20, Post Falls' municipal code, as amended.

PART 15. FLOW MEASUREMENTS

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to insure the accuracy and reliability of measurements of the volume of

monitoring discharges. The devices shall be installed, calibrated, and maintained by the Permittee to insure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than +/- 10% from the true discharge rates throughout the range of expected discharge volumes.

PART 16. SUSPENSION OF SERVICE AND/OR PERMIT

The City may suspend wastewater treatment service and/or the wastewater discharge permit when such suspension is necessary to stop an actual or threatened discharge which would endanger the health or welfare of persons or the environment, cause interference with POTW operations, cause sludge quality degradation, or cause the City to violate any conditions of its operating permit and/or its NPDES permit.

PART 17. FAILING TO COMPLY WITH PERMIT CONDITIONS, FALSIFYING INFORMATION OR TAMPERING WITH MONITORING EQUIPMENT

Any User who willfully or negligently fails to comply with provisions of this permit shall be subject to the imposition of penalties and appropriate recovery of costs by the City. Any person who knowingly makes any false statements, representation or correction in any record, report, plan or other document filed pursuant to this permit, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under this permit shall, upon conviction, be subject to the imposition of penalties prescribed by PFMC 13.20 *et seq* or any other applicable local, State or Federal law.

PART 18. MODIFICATION OR REVISION OF THE PERMIT

The Director may modify a Wastewater Discharge Permit for good cause, including, but not limited to, the following reasons;

- To incorporate any new or revised Federal, State or local pretreatment standards or requirements;
- To address significant alterations or additions to the Permittee's operation, processes, or wastewater volume or character since the time of the wastewater discharge permit issuance;
- A change in the WWF that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- Information indicating that the permitted discharge poses a threat to the City's POTW, personnel, or the receiving waters;
- Violation of any term or condition of the permit
- Misrepresentation or failure to fully disclose all relevant facts in the wastewater discharge permit application or in any required reporting;
- Revision of or a grant of variance from categorical pretreatment standards;
- To correct typographical or other errors in the permit; or

- To reflect a transfer of the facility ownership or operation to a new owner or operator.

PART 20. 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 circumstances is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

SECTION 3. ENFORCEMENT

PART 1. NOTICE OF VIOLATION (NOV):

A. Any violation of pretreatment requirements, including but not limited to discharge limits, sampling, analysis, reporting, and meeting compliance schedules, and regulatory deadlines, shall be considered as noncompliance for which the Permittee is liable for enforcement, including penalties.

B. The Permittee shall respond to any NOV in writing within 30 days of the notice. This written notification shall include the reason for the violation(s), the actions taken to correct the violation(s) and what steps will be taken to prevent the violation(s) from occurring in the future.

PART 2. SIGNIFICANT NONCOMPLIANCE (SNC):

A Significant Industrial User that meets any of the following criteria or any Industrial User that meets paragraphs C, D, or H shall be in Significant Noncompliance:

- 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 the numeric Pretreatment Standard or Requirement including instantaneous limits multiplied by the applicable TRC (TRC = 1.4 for BOD, TSS, fats, oil, and grease, and 1.2 for all other pollutants except pH).
- C. Any other violation of a Pretreatment Standard or Requirement (daily maximum, long-term average, instantaneous limit, or narrative Standard) that the POTW 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 the environment or has resulted in the POTW's exercise of its emergency authority to halt or prevent such a discharge.

- E. Failure to meet, within ninety (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 thirty (30) days after the due date, required reports such as baseline monitoring reports, 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 a violation of Best Management Practices, which the POTW determines may adversely affect the operation or implementation of the local pretreatment program.

PART 3. ENFORCEMENT RESPONSE PLAN

Enforcement actions will generally be in accordance with the City's adopted Enforcement Response Plan (ERP), a copy of which is available upon request to the City of Post Falls Pretreatment Coordinator, at 208-777-9857, or at 2002 W. Seltice, Post Falls, Idaho, 83854.



Public Works Department
Water Reclamation Division

SAMPLE INDUSTRIAL WASTEWATER DISCHARGE PERMIT

PERMIT #*EXAMPLE CIU*

issued by the

CITY OF POST FALLS, IDAHO

to

COMPANY NAME ADDRESS CITY, STATE ZIP CODE

Date Issued: _____



Public Works Department
Water Reclamation Division

COVER PAGE

INDUSTRIAL WASTEWATER DISCHARGE PERMIT

In accordance with the provisions of the City of Post Falls sewer use ordinance, Title 13 Chapter 20, the COMPANY NAME, located at Address, Post Falls, Idaho, is hereby authorized to discharge a total of _____ gallons of treated industrial process wastewater per day from the above identified facility only through the outfalls identified herein into the City of Post Falls' sewer system in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in Section 1 (specific) and Section 2 (general) attached hereto and incorporated by reference herein as part of this permit.

Compliance with this permit does not relieve the permittee of its obligation to comply with all pretreatment regulations, standards or requirements under local, State and Federal laws, including any such laws, regulations, standards, or requirements that may become effective during the term of this permit.

Noncompliance with the terms and conditions of this permit shall constitute a violation of the City of Post Falls' sewer use ordinance.

This permit shall become effective on DATE and shall expire at midnight on DATE.

The permittee shall not discharge after the date of expiration. If the permittee wishes to continue to discharge after this expiration date an application must be filed for reissue of this permit in accordance with the requirements of Section _____ of the Post Falls sewer use ordinance, a minimum of 90 days prior to the expiration date.

Date: _____
Director, Department of Public Works

SECTION 1. SPECIFIC CONDITIONS

PART 1. OPERATION AND EFFLUENT ORIGINS

A. Description and Regulation of Operation

COMPANY NAME, operating at ADDRESS, CITY, ID. ZIP is identified for the purposes of this industrial wastewater discharge permit (WDP) as an electroplating facility. This facility is identified as a categorical industrial user subject to Federal electroplating regulations contained in 40 CFR Part 433, Subpart A - Metal Finishing Subcategory. Wastewaters produced by all operations associated processes are regulated at the end of process by 40 CFR Part 433. The facility discharges on average 12,000 gallons of regulated wastewater per calendar day and is therefore subject to Federal pretreatment standards for existing sources 40 CFR 433.15 (PSES) pertaining to this type of facility.

B. Origins of Regulated Wastewater and Pretreatment Requirements

Process wastewater is produced from the rinse areas of all electroplating process lines. Process streams not containing cyanide are discharged into the trench drain which discharges into a waste pipe which connects directly to the pH adjustment pretreatment system.

Wastewaters from all process streams containing cyanide are discharged to a separate piped collection system which connects directly to the cyanide destruct system in the pretreatment room. The discharge from the cyanide destruct system is connected to the influent side of the rinse water system entering the pH adjustment pretreatment system.

All other wastestreams including domestic wastestreams are considered dilute wastestreams and shall not enter the pretreatment system. The discharge from these non-regulated wastestreams shall combine with the regulated wastestreams prior to the final sampling point.

All significant industrial users shall promptly notify the POTW in advance of a change in the average monthly volume greater than twenty percent (20%) or a significant change in the character of pollutants in their discharge, including significant manufacturing process changes, pretreatment modifications, and the listed or characteristic hazardous wastes for which the industrial user has submitted initial notification under 40 CFR 403.12(p).

Any industrial user operating under a wastewater discharge permit incorporating equivalent mass or concentration limits shall notify the director within two (2) business days after the industrial user has a reasonable basis to know that the production level will significantly change within the next calendar month. Any industrial user not providing a notice of such anticipated change will be required to comply with the existing limits contained in its wastewater discharge permit.

PART 2. EFFLUENT LIMITATIONS

A. Outfall

During the period from _____ to _____ the permittee is authorized to discharge treated process wastewater to the City of CITY NAME's sanitary sewer system from the pipeline connected to the effluent discharge side of the pretreatment system at Outfall 001 as shown in

Section I., Part 3.E. of this WDP.

The permittee shall apply in writing to the director for permission to discharge processed wastewater to any other outfall than those indicated above. Reasons for the change and detailed plans and drawings of the proposed new outfall must accompany the request.

During the period from _____ to _____ the discharge from the outfall listed above shall not exceed the following effluent limitations. Effluent from this outfall consists of processed wastewater discharged at "end of process" from the pretreatment system. National categorical standards apply directly at this point, as no combined wastes are included.

B. Effluent Limitations

Parameter	Units	Local Daily Max	Federal Daily Max	Federal Monthly Avg	Applicable Daily	Applicable Monthly	F or L applies
Flow	gpd						
pH	SU						
BOD	mg/L						
COD	mg/L						
Total Cr	mg/L						
Total CN	mg/L						
Total Pb	mg/L						
Total Ni	mg/L						
Total Ag	mg/L						
Total Zn	mg/L						
TTO	mg/L						

- a. Limit for all values for a parameter obtained on one calendar day.
- b. Limit for the sum of all daily values divided by the number of daily values.
- c. Limit basis derived from Federal or Local discharge regulations. Federal limitations shall be from Categorical Pretreatment Standards and apply to the "end of process". If the categorical limits have been calculated using the CWF or FWA, then the limitation shall apply at "end of pipe". Careful notation shall be included to indicate which limit applies in each case.
- d. Flow of 25,000 gallons per day is a total allowable flow for the outfall.
- e. Federal limitation applies at "end of process". The limits listed in this table have been revised from "end of process" to "end of pipe" limits using the Flow Weighted Averaging Method (FWA). Calculation can be found in Table 1 at the end of this WDP on Page 15.
- f. Total toxic organics, (TTO), shall include the volatile compounds, acid compounds,

base/neutral compounds and pesticides identified by the EPA in 40 CFR Part 433 and listed on Page 16 of this WDP in Table 2.

PART 3. OPERATION AND MAINTENANCE OF POLLUTION CONTROLS

A. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the terms of this WDP. Proper operation and maintenance includes but is not limited to: effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the WDP.

B. Duty to Halt or Reduce Activity

Upon reduction of efficiency of operation, or loss or failure of all or part of the treatment facility, the permittee shall, to the extent necessary to maintain compliance with this WDP, control its production or discharges (or both) until operation of the treatment facility is restored or an alternative method of treatment is provided. This requirement applies, for example, when the primary source of power of the treatment facility fails or is reduced. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the WDP.

C. Bypass of Treatment Facilities

- 1) Bypass is prohibited unless it is unavoidable to prevent loss of life, personal injury or severe property damage or no feasible alternatives exist.
- 2) Bypass not exceeding limitations. The permittee may allow bypass to occur which does not cause effluent limitations to be exceeded, but only if it is also for essential maintenance to assure efficient operation.

D. Notification of Bypass:

- 1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior written notice, at least ten days before the date of the bypass, to the director.
- 2) Unanticipated bypass. The permittee shall submit oral notice to the director within twenty four (24) hours from the time it becomes aware of the bypass and submit a written notice to the POTW within 5 days. This report shall specify:
 - (i) A description of the bypass, and its cause and duration;
 - (ii) Whether the bypass has been corrected; and
 - (iii) The steps being taken or to be taken to reduce, eliminate or prevent a reoccurrence of the bypass.

E. Facility Site Maps and Sewer Layouts

PART 4. SAMPLING AND MONITORING REQUIREMENTS

A. Sample Points

During the period from _____ to _____, the permittee shall collect samples and monitor the treated process wastewater discharge from the following sample points:

1. Outfall 001 located outside the facility prior to the connection into the City's sewer system as shown on Page ___ of this WDP.

This is the only sampling point that is approved by the director for the permittee's collection of process wastewater samples.

B. Sampling and Analysis

The samples collected by the permittee or its' authorized representative shall be analyzed for the following parameters. Frequency and types of samples to be taken are indicated below:

Parameter	Sample Location	Measurement Frequency	Sample Type
Flow			
pH			
BOD			
COD			
Etc.			

- a) Types of samples collected by the permittee or its' authorized representative shall be as representative as possible of the volume and nature of the permittee's wastewater discharge throughout the daily period of facility operation. All handling and preservation of collected samples shall be performed in accordance with 40 CFR Part 136. The City reserves the right to spot check sampling procedures by the permittee's contract laboratory at any time.
- b) Quarterly samples shall be taken and analyzed in January, April, July and October of each year. EPA Method 608, 624 and 625 scans are required in January and July of each year.
- c) Discrete grab samples shall be taken for pH, cyanide and volatile organics (EPA Method 624).
- d) Aliquots of equal volumes of wastewater shall be taken on a flow proportional basis throughout the daily discharge period of the permittee. A minimum of 12 aliquots shall be composited to generate the final sample. All equipment used for sampling and analysis must be routinely calibrated, inspected and maintained to ensure its accuracy.

C. Permittee's Analytical Laboratory

The permittee shall utilize a certified laboratory of its choosing for the purposes of complying with the requirements of this WDP. Certification must be current during the performance of a required analysis for each parameter measured. The permittee is directly responsible for ensuring the validity of all analytical measurements received from its laboratory as required by this WDP. The City will only accept analytical results that are performed by a laboratory certified by the State of Idaho for environmental analysis. Analytical measurements submitted by non certified laboratories or resulting from the analysis of samples during periods of non certification for the analyte will be considered null and void and the facility will be considered as not having monitored for these parameters.

Prior to performing any analysis regulated by this WDP, the permittee shall instruct its laboratory to submit a copy of its current Environmental Water Certification Analytes List and Environmental Certificate to the City. The laboratory(ies) shall also submit a copy of the latest EPA approval correspondence containing the EPA assigned Comprehensive Quality Assurance Plan number to the City. As soon as these three documents are renewed or revised in any way, the laboratory shall send updated copies of these documents to the City as appropriate.

The City will not accept analytical results from any certified laboratory until the above requirements have been complied with.

D. Sampling Procedures

All sampling procedures shall comply with the requirements contained in the EPA Standard Operating Procedures for Laboratory Operations and Sample Collection Activities.

If the permittee performs its own sampling, the permittee shall prepare a written description of its procedure entitled "Standard Operating Procedure (SOP) for Environmental Sampling for Industrial Pretreatment Requirements". This document shall be submitted to the City for approval within 90 days after the issuance of this WDP. The City may, at its option, observe the collection of the required samples by the permittee to ensure that EPA approved sampling methods are complied with in full. Failure to follow EPA sampling procedures will result in the City's rejection of the sample and any resulting analytical results that may be submitted by the permittee.

If the permittee's chosen laboratory performs the sampling for the permittee, the City may, at its option, observe the collection of the required samples to ensure that EPA approved sampling methods are complied with in full by the laboratory concerned. Failure to follow EPA sampling procedures will result in the City's rejection of the sample and any resulting analytical results that may be submitted by the permittee or its laboratory.

PART 5. REPORTING REQUIREMENTS

A. Periodic Compliance Reports

Analytical results obtained shall be summarized and reported on a copy of the attached industrial user periodic compliance report form. Each periodic compliance report shall indicate the nature and concentration of all required pollutants in the effluent for which sampling and analyses were performed, including measured wastewater flows or potable water consumption.

The due date for submission of periodic compliance reports is thirty days after the last day of the month in which the samples are required to be taken (see Section 1, Part 3 B, footnote b of this WDP). If a report is submitted more than 30 days after the due date, the facility will be deemed to be in significant noncompliance and appropriate enforcement proceedings will be initiated by the City according to the Industrial Pretreatment Program's "Enforcement Response Plan".

The next periodic compliance report should consist of:

1. A completed copy of the Sampling and analysis form.
2. A completed copy of the Periodic compliance report form.
3. A completed copy of the Certification statement.
4. A copy of the original contracting laboratory's analysis, including all chain of custody forms.

A report shall be considered incomplete and in violation of reporting requirements if it does not contain all of the above required forms and information. Incomplete reports will be returned to sender.

B. Extra Monitoring

If the permittee monitors its discharge for any pollutant more frequently than required by this WDP, using test procedures prescribed in 40 CFR Part 136, or otherwise approved by EPA or as specified in this WDP, the results of such monitoring shall be included in the calculation and results shall be reported in the quarterly reports and submitted to the director. Such increased monitoring frequency shall also be indicated on the quarterly report.

C. Automatic Resampling

If the results of the permittee's wastewater analysis indicate a violation has occurred, the permittee must:

- a. Inform the director within 24 hours of becoming aware of the violation; and
- b. Repeat the sampling and pollutant analysis for the parameter in violation and submit the results of the second analysis in writing to the City within 30 days after becoming aware of the violation.

D. Accidental Discharge Report

The permittee shall notify the director no later than twenty-four (24) hours upon the occurrence of an accidental discharge of substances prohibited by City of Post Falls municipal code Chapter 13.20 *et seq.* or any slug loads or spills that may enter the public sewer. During normal business hours the director should be notified by telephone at (208) 777-9857. At all other times, the director should be notified by telephone at (208) 773-3517. The permittee shall inform the director that it is an industrial discharge facility and shall include location of discharge, date and time, type of waste, including concentration and volume, and corrective actions taken. The

permittee's notification of accidental releases in accordance with this section does not relieve it of other reporting requirements that arise under local, State, or Federal laws. Within five (5) days following an accidental discharge, the permittee shall submit to the director a detailed written report. The report shall specify:

- a. Description and cause of the upset, slug or accidental discharge, the cause thereof and the impact on the permittee's compliance status. The description should also include location of discharge, type, concentration and volume of waste.
- b. Duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance continues, the time by which compliance is reasonably expected to occur.
- c. All steps taken or to be taken to reduce, eliminate, and prevent recurrence of such an upset, slug, accidental discharge, or other conditions of noncompliance.

Industrial users shall resample within thirty (30) days of a slug or accidental discharge to demonstrate compliance with the local limits and permitted discharge parameters.

E. Report Submission

The permittee shall submit all reports required by this WDP to the director at the following address:

Director, Department of Public Works
City of Post Falls
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Any required demand monitoring, inspections and surveillance deemed to be necessary as a result of a violation will be carried out by the City and may be charged directly to the permittee at City's cost.

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The director reserves the right at any time throughout the duration of this WDP to require the permittee to review its discharge/slug control plan which shall be re-evaluated every permit cycle. Accidental discharge/ slug control plans should address at a minimum, the following:

- a. Description of discharge practices, including nonroutine batch discharges.
- b. Description of stored chemicals.
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The User shall apply for permit reissuance at least ninety (90) days, but no more than one hundred and eighty (180) days prior to the expiration of the User's permit. The User shall be informed of any proposed changes to his permit at least thirty (30) days prior to the effective date of change. Any changes or new conditions in the permit shall include a reasonable time schedule for compliance.

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An expired WDP will continue to be effective and enforceable until the WDP is reissued if:

- a. The permittee has submitted a complete WDP application at least ninety (90) days prior to the expiration date of the user's existing WDP.
- b. The failure to reissue the WDP, prior to expiration of the previous WDP, is not due to any act or failure to act on the part of the permittee.

PART 4. SIGNATORY AND CERTIFICATION REQUIREMENTS

All reports required by this permit shall contain the name/title of a principal executive officer of the Industrial User, and shall be signed by the principal executive officer or his authorized representative. The report being submitted shall contain the following 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."

PART 5. RIGHT OF ENTRY

The Permittee shall allow the City or its representatives exhibiting proper credentials and identification, to enter upon the premises of the User, at all reasonable hours for the purposes of

inspection, sampling, or records inspection and duplication. Reasonable hours in the context of inspection and sampling includes any time the Permittee is operating any process which results in a process wastewater discharge to the City's POTW. In the event that City employees fail or neglect to observe appropriate safety procedures or engage in any act of misconduct while performing the necessary work on private property, the Permittee may request that said employees cease the work and vacate the premises. In the event of such an incident, the Director shall be notified.

PART 6. LIMITATION ON PERMIT TRANSFER

Wastewater discharge permits are issued to a specific User for a specific operation. They shall not be reassigned, or transferred, or sold to a new owner, new significant Permittee, or transferred to a different premises without City approval.

PART 7. CHANGED CONDITIONS

The Permittee shall report to the City prior to the introduction of new wastewater or pollutants or any substantial change in the volume or characteristics of the wastewater being discharged into the POTW from the User's industrial processes, in accordance with Section 102 50.

PART 8. RECORDS RETENTION

(A) The Permittee shall retain and preserve for no less than five (5) years, any records, books, and documents, memoranda, reports, correspondence and any and all summaries thereof, relating to monitoring, sampling and chemical analyses made by or in behalf of the User in connection with its discharge.

(B) All 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.

PART 9. SAMPLE TYPE

All samples shall be 24-hour (flow-proportioned or time-proportioned) composite samples were feasible, except cyanide, total phenols, oil and grease, pH, volatile organics, and temperature, which are grab samples.

PART 10. MEASUREMENTS FOR DISCHARGE LIMITATIONS

A. The six (6) month average is a rolling average, equal to the arithmetic mean of the samples collected during consecutive reporting periods which comprise six (6) months. For parameters that are measured at least once per month, the six (6) month average shall be computed at the end of each month and is equal to the arithmetic mean of the monthly average of the month being reported and monthly average of each of the previous five (5) months.

B. The monthly average concentration is the sum of the concentrations of all daily discharges sampled and/or measured during a calendar month, divided by the number of daily discharges sampled and/or measured during such month (arithmetic mean of the daily concentration values). The daily concentration value is equal to the concentration of a composite sample or in the case of grab samples is the arithmetic mean (weighted by flow value) of all the samples collected during that calendar day.

C. The daily maximum concentration is the highest value recorded during the reporting period.

PART 11. RECORDING OF RESULTS

For each measurement or sample taken pursuant to the requirements of this permit, the following information shall be recorded:

- A. The exact place, date and time of sampling;
- B. The dates the analyses were performed;
- C. The person responsible for performing the sampling or measurement;
- D. The person(s) who performed the analyses;
- E. The analytical techniques or methods used, and
- F. The results of all required analyses.

PART 12. VIOLATION NOTIFICATION AND RESAMPLE REQUIREMENT

If sampling performed by Permittee indicates a violation of any part of this Permit or Title 13 Chapter 20 of the City of Post Falls municipal code, the Permittee shall notify the control authority (City of Post Falls) within 24 hours of becoming aware of the violation. The Permittee shall repeat the sampling and analysis and submit both results of the analysis to the control authority within 30 days after becoming aware of the violation.

PART 13. DILUTION

No Permittee shall 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 the permit.

PART 14. PROPER DISPOSAL OF PRETREATMENT SLUDGES AND SPENT CHEMICALS

The disposal of any sludges and/or spent chemicals by the Permittee shall be done in accordance with Section 405 of the Clean Water Act, Subtitles C and D of the Resource Conservation and Recovery Act and Title 13 Chapter 20, Post Falls' municipal code, as amended.

PART 15. FLOW MEASUREMENTS

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to insure the accuracy and reliability of measurements of the volume of

monitoring discharges. The devices shall be installed, calibrated, and maintained by the Permittee to insure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than +/- 10% from the true discharge rates throughout the range of expected discharge volumes.

PART 16. SUSPENSION OF SERVICE AND/OR PERMIT

The City may suspend wastewater treatment service and/or the wastewater discharge permit when such suspension is necessary to stop an actual or threatened discharge which would endanger the health or welfare of persons or the environment, cause interference with POTW operations, cause sludge quality degradation, or cause the City to violate any conditions of its operating permit and/or its NPDES permit.

PART 17. FAILING TO COMPLY WITH PERMIT CONDITIONS, FALSIFYING INFORMATION OR TAMPERING WITH MONITORING EQUIPMENT

Any User who willfully or negligently fails to comply with provisions of this permit shall be subject to the imposition of penalties and appropriate recovery of costs by the City. Any person who knowingly makes any false statements, representation or correction in any record, report, plan or other document filed pursuant to this permit, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under this permit shall, upon conviction, be subject to the imposition of penalties prescribed by PFMC 13.20 *et seq* or any other applicable local, State or Federal law.

PART 18. MODIFICATION OR REVISION OF THE PERMIT

The Director may modify a Wastewater Discharge Permit for good cause, including, but not limited to, the following reasons;

- To incorporate any new or revised Federal, State or local pretreatment standards or requirements;
- To address significant alterations or additions to the Permittee's operation, processes, or wastewater volume or character since the time of the wastewater discharge permit issuance;
- A change in the WWF that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- Information indicating that the permitted discharge poses a threat to the City's POTW, personnel, or the receiving waters;
- Violation of any term or condition of the permit
- Misrepresentation or failure to fully disclose all relevant facts in the wastewater discharge permit application or in any required reporting;
- Revision of or a grant of variance from categorical pretreatment standards;
- To correct typographical or other errors in the permit; or

- To reflect a transfer of the facility ownership or operation to a new owner or operator.

PART 20. 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 circumstances is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

SECTION 3. ENFORCEMENT

PART 1. NOTICE OF VIOLATION (NOV):

A. Any violation of pretreatment requirements, including but not limited to discharge limits, sampling, analysis, reporting, and meeting compliance schedules, and regulatory deadlines, shall be considered as noncompliance for which the Permittee is liable for enforcement, including penalties.

B. The Permittee shall respond to any NOV in writing within 30 days of the notice. This written notification shall include the reason for the violation(s), the actions taken to correct the violation(s) and what steps will be taken to prevent the violation(s) from occurring in the future.

PART 2. SIGNIFICANT NONCOMPLIANCE (SNC):

A Significant Industrial User that meets any of the following criteria or any Industrial User that meets paragraphs C, D, or H shall be in Significant Noncompliance:

- 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 the numeric Pretreatment Standard or Requirement including instantaneous limits multiplied by the applicable TRC (TRC = 1.4 for BOD, TSS, fats, oil, and grease, and 1.2 for all other pollutants except pH).
- C. Any other violation of a Pretreatment Standard or Requirement (daily maximum, long-term average, instantaneous limit, or narrative Standard) that the POTW 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 the environment or has resulted in the POTW's exercise of its emergency authority to halt or prevent such a discharge.

- E. Failure to meet, within ninety (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 thirty (30) days after the due date, required reports such as baseline monitoring reports, 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 a violation of Best Management Practices, which the POTW determines may adversely affect the operation or implementation of the local pretreatment program.

PART 3. ENFORCEMENT RESPONSE PLAN

Enforcement actions will generally be in accordance with the City's adopted Enforcement Response Plan (ERP), a copy of which is available upon request to the City of Post Falls Pretreatment Coordinator, at 208-777-9857, or at 2002 W. Seltice, Post Falls, Idaho, 83854.

APPENDIX E
Sampling and Inspection Procedures

SAMPLE AND INSPECTION PROCEDURES

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1.0 Inspections

The City of Post Falls (City) must perform scheduled and unscheduled inspections for Industrial Users (IU) and randomly sample and analyze effluent from the permitted facility to determine if activities are in compliance with the facility’s permit. The purpose is to verify that the industrial user monitoring results reflect actual discharge. The results of an inspection will provide the basis for which compliance and enforcement activities are generating as discussed in the ERP.

The following sections detail how sampling methods are performed during a scheduled or unscheduled inspection of an IU.

2.0 Sampling Procedures

The specific methods and procedures referenced in this section will be followed for sample collection and preservation. Samples will be collected based on the need to determine industrial user compliance with the pretreatment standards and requirements. Samples must truly represent what is being discharged during the sample collection period. Therefore, it is important to understand sample collection techniques and develop and practice standardized collection procedures. Sample handling and preservation is also important so that the integrity of the sample can be maintained from the point of sample collection through the completion of analysis of the sample at the contract laboratory.

Samples will be collected by the Industrial Pretreatment Coordinator or other pretreatment staff during inspections and must perform sample collection techniques in accordance with those

procedures and requirements specified in 40 CFR Part 136. This is in accordance with the City requiring the IUs to implement those same procedures to meet self-monitoring requirements.

All sampling and analyses procedures shall be performed as established by DEQ and the EPA Region 10 Administrator pursuant to Section 304(h) of the act and contained in 40 CFR part 136 and its amendments or with any other test procedures approved by the EPA Region 10 Administrator. When a pollutant in question is not covered by 40 CFR part 136, sampling and analyses shall be performed using validated analytical methods suggest by the City and approved by DEQ.

Prior to sample collection, a determination must be made as to the type of sample needed to prepare for sample bottles and preservation and sample collection type.

3.0 Types of Samples

There are two methods of sample collection; grab and composite.

3.1 Grab Sampling

Grab samples are defined by 40 CFR Part 403, Appendix E as an individual sample collected over a period of time not to exceed 15 minutes. It is an individual aliquot collected at neither a specific time nor flow and is representative of the conditions or characteristic of the discharge at the time the sample is collected.

Under certain conditions, grab samples are the preferred method of sampling as follows:

- When flow is not continuous.
- When the discharge is a batch process and the tank is periodically dumped, the wastewater shows its true characteristics at the time when the tanks are being discharged.
- When wastewater is collected over time and pretreated as a batch prior to discharge, the frequency of discharge may vary, for example, once per day, once per week, or once per month.
- When it is desirable to check for extreme conditions: Composite methods conceal peak values of wastewater characteristics. For example, pH may appear to be neutral in a composite sample even though it fluctuated over a wide range. The acidic/alkaline conditions encountered may simply neutralize the sample. However, grab samples taken at different times may show variations in pH.
- Grab samples must be used to sample for the following parameters either due to short holding times, the nature of the analyte, or the requirement of the analytical method:
 - Fats, Oil, and Grease (FOG)
 - Bacteria (FCOLI or TCOLI)
 - Temperature
 - Total Chlorine Residual (TCR)
 - Petroleum Hydrocarbons (PHC)
 - pH
 - Formaldehyde

- Dissolved gases

It should be noted that although grab samples in some cases accurately represent the wastewater discharge, it is the City's practice in most instances to collect composite samples whenever possible.

3.2 Composite Samples

Composite sample are defined as a combination of a series of aliquots taken on either a time or flow proportional basis over a period of time.

A representative composite sample is always collected over the entire process day and must not overlap calendar days unless the wastewater batch discharge continues after midnight. If the company does not have a 24-hour discharge, set the auto-sampler to run during the hours of discharge within the same calendar day. The sample must be collected in relation to the flow rate or volume of the discharge being sampled.

The daily average limit, the highest allowable concentration for any pollutant in a waste stream discharged during one day by an industrial user, is based upon a representative composite sample. Ideally, the composite sample should reflect the variation in flow rate as well as the characteristics of the wastewater.

Composites of up to 24 hours may be collected, although the time period should never exceed 24-hours in the interest of sample preservation. The composite sample container must be packed in ice throughout the compositing period to allow for sample preservation.

4.0 Sampling Equipment

The following sampling equipment must be available, in good working order, and clean when performing inspections:

- Composite samplers and associated equipment
- Cooler with ice (or ice packs)
- pH meter (with pH electrode with built in ATC probe and (4, 7, 10 pH buffers)
- De-ionized water rinse bottle for cleaning the pH electrode
- Manning, ISCO or American Sigma portable peristaltic or vacuum pump
- Appropriate sample bottles
- Funnels (thin and wide neck)
- Bucket and rope
- Pick, shovel and portable gas meter for manhole work
- Gloves (non-powdered polyvinyl for sample collection, cotton work gloves for moving equipment)
- Map Book
- Sample Record Forms (SRFs), industrial permits, and inspection reports Chain of Custody Forms (COCs) must be completed for each set of samples
- Sample bottle labels

All sample containers, labels, appropriate lab forms and chain of custody forms will be supplied by Contract Laboratory to the pretreatment staff. Any necessary preservatives will be preadded to the sample bottles by lab personnel

5.0 Sampling Location

Samples should be collected after all pretreatment and prior to any mixing with sanitary wastes or other sources of dilution. If no pretreatment system is present, samples should be collected at the closest point of discharge of the process, before the wastewater mixes with other processes or non-process wastewater.

If the sample point location description is not clear, the Industrial Pretreatment Coordinator or the contact for the company should be able to provide the necessary information for clarification. All details and information acquired during monitoring events are noted on SRFs and monitoring reports for future reference.

If the permitted facility does not have an accessible sampling point. Section 13.20 of the Sewer Use Ordinance states, that the City may require an industrial user to install a suitable site where monitoring can be conducted easily and safely.

The sample should be collected at the same location each time to allow for consistency and representative results.

6.0 Sample Collection and Analysis

The Industrial Pretreatment Coordinator will request from the contract laboratory to supply directions for sample analyses in relation to amount of sample required, proper bottles and directions for delivering samples to the lab. A chain of custody form must be initiated to track the sample from sampling through delivery to lab to final analysis. All laboratories performing sampling and analyses will conform to the requirements of CFR Part 136, or as amended. Samples will be collected by the Industrial Pretreatment Coordinator and sent to the appropriate contract laboratory.

Quality Assurance Procedures for Pretreatment Field Analysis and Equipment are in a separate document and not contained in this document.

APPENDIX F.1
Local Limits Study and Report

Wastewater Local Limits Study and Report

Prepared for
City of Post Falls, Idaho

November 2015



Prepared by



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Common Abbreviations

ADF	-	average daily flow
AHL	-	allowable headworks loading
CBOD	-	carbonaceous biochemical oxygen demand
BFP	-	belt filter press
BMP	-	best management practice
CCC	-	criteria chronic concentration
cfs	-	cubic feet per second
CMC	-	criteria maximum concentration
EPA	-	United States Environmental Protection Agency
FOG	-	fats, oils, and grease
HL	-	headworks loading
lbs/d	-	pounds per day
MAHL	-	maximum allowable headworks loading
MAIL	-	maximum available industrial loading
MDF	-	maximum daily flow
mgd	-	million gallons per day
mg/kg	-	milligrams per kilogram
mg/L	-	milligrams per liter
MQL	-	minimum quantitation level
MRE	-	mean removal efficiency
ND	-	not detected
NPDES	-	national pollution discharge elimination system
POC	-	pollutant of concern
POTW	-	publicly owned treatment works
PQL	-	practical quantitation level
SIU	-	significant industrial user
SSO	-	sanitary sewer overflow
TP	-	total phosphorus
TSS	-	total suspended solids
ug/l	-	micrograms per liter
UCL	-	uniform concentration limit
UV	-	ultraviolet
WAS	-	waste activated sludge
WRF	-	water recovery facility
WWTP	-	wastewater treatment plant

1 Purpose of this Report

The City of Post Falls owns and operates a municipal wastewater treatment/water reclamation facility with a permit under the National Pollutant Discharge Elimination System (NPDES). The most recent permit, which became effective on December 1, 2014, requires the City to:

“...submit a pretreatment program meeting the requirements of 40 CFR 403.8, as amended, for EPA approval by November 30, 2015” (Section II.E.1).

Furthermore, by the same deadline the City must:

“... submit to EPA a complete local limits evaluation pursuant to 40 CFR 403.5(c)(1). The study must take into account water quality in the receiving stream, inhibition levels for biological processes in the treatment plant, and sludge quality goals. The study must address at least the following pollutants: arsenic, 5-day biochemical oxygen demand, cadmium, chromium, copper, cyanide, lead, mercury, molybdenum, nickel, selenium, silver, total suspended solids, and zinc and any other pollutants of concern. The permittee must address total phosphorus and total ammonia as N if the POTW [publically owned treatment works] accepts non-domestic discharges of these pollutants. Submitted results of the study must include proposed local limits, maximum allowable headworks loadings, all supporting calculations, and all assumptions” (Section II.E.6).

Given these requirements, the purpose of this report is to determine the maximum allowable headworks loadings (MAHLs) and the maximum allowable industrial loadings (MAILs) for the pollutants of concern (POC) in order to recommend local limits.

The MAHL is the maximum amount of a pollutant that the facility can receive without causing a process upset, violating its NPDES Permit, or violating water quality standards in the receiving water body (i.e., the Spokane River). For non-conventional pollutants (e.g., metals and cyanide) and total phosphorus, the MAHL is determined by starting with the amount of the pollutant the facility is allowed to discharge, calculating how much of the pollutant the facility removes, and, given these values, working backwards to determine how much of the pollutant the facility can be allowed to receive. For conventional pollutants (e.g., ammonia, CBOD, TSS), the MAHL is based on the design capacity of the facility.

The MAIL represents the amount of pollutant the facility can receive from controlled sources (i.e., industrial users and some commercial users). The MAIL is calculated by subtracting a safety factor, which includes an estimate of the uncontrolled loading and an allowance for growth, from the MAHL. Once the MAIL is calculated, the local limit can be determined by allocating the MAIL between the controlled sources.

2 Background Information and Facility Description

The City of Post Falls owns and operates a wastewater treatment/water reclamation facility with an outfall in the Spokane River at river mile 100.5 (Permit No.: ID-002585-2). The facility receives wastewater from the cities of Post Falls and Rathdrum. The average daily treated flow between January of 2011 and April of 2015 was 2.472 mgd. The current average day design capacity is 5.00 mgd and the current average day operational flow for the facility is 4.00 mgd.

The treatment processes and operations employed at the facility include the following: screening, grit removal, activated sludge with nitrification, partial denitrification and biological phosphorus removal, secondary clarification, and disinfection with ultraviolet light.

Waste activated sludge (WAS) is dewatered with a belt filter press (BFP) and composted by a contractor at an offsite facility. The composted solids are sold commercially by the contractor as a land amendment.

3 Pollutants of Concern

A pollutant of concern (POC) is any constituent that, with reasonably certainty, can be expected to enter the treatment facility in sufficient quantities that the following problems could occur: pass-through, interference with the treatment processes, problems within the collection system, or jeopardizing situations for any facility workers. More specifically, pass-through of any POC could cause the facility to violate its NPDES permit or the established water quality standards for the receiving waterbody.

The following constituents were identified as POCs for this facility:

- Ammonia
- Carbonaceous Biochemical Oxygen Demand (CBOD)
- Total Suspended Solids (TSS)
- Total Phosphorus (TP)
- Arsenic
- Cadmium
- Chromium
- Copper
- Cyanide
- Lead
- Mercury
- Molybdenum
- Nickel
- Selenium
- Silver
- Zinc

Ammonia, CBOD, TSS, molybdenum, nickel, and selenium were evaluated as POCs because the NPDES Permit mandates that they be included in the evaluation. TP was evaluated as a POC because the City's NPDES permit designates a limit for it. The City has existing local limits for the remaining constituents identified above, therefore they were retained as POCs in this analysis.

The following were identified as POCs for the collection system:

- Fats, Oils, and Grease (FOG)- because it is a major cause of sanitary sewer overflows (SSO) which can endanger public health and welfare.
- Combustible gases - to protect the health and safety of workers at the WRF and in the collection system.

Additionally, in January of 2012, the influent and effluent flows to the wastewater treatment facility were sampled for organic priority pollutants. The influent samples returned quantifiable concentrations for fourteen of the constituents tested for. The effluent samples returned non-detect (ND) values for all of the tested constituents, except for diesel, gasoline, and lube oil. According to Anatek Labs, Inc., diesel, gasoline, and lube oil are constituents of FOG and are therefore addressed as POCs for the collection system in this analysis. For the other organic priority pollutants, since the effluent concentrations were not-detectable, it is assumed that the treatment facility has sufficient capacity to handle the current loading of the organic priority pollutants that it receives. Organic priority pollutants were therefore not evaluated further in this analysis.

4 Data

The data used in this report were collected between January 2005 and July 2015 unless noted otherwise.

The influent concentration data from 2010 through 2014 for the POCs was flow-weighted because the data was provided as two different influent flows. More specifically, influent flow data was provided for the flow received from Rathdrum as well as the flow received from Post Falls. No constituent concentration data was provided for the combined influent to the plant for this period. Therefore, in order to determine a “total” influent concentration that was representative of the combined flows, a flow-weighted average was determined for each of the constituents.

4.1 Flow Data

4.1.1 Facility Flow

The 2011-2015 average daily flow (ADF) of 2.472 mgd was used in the allowable headworks loading (AHL) calculations.

4.1.2 Industrial Flow

The industrial discharge to the facility was estimated as the sum of the average effluent flow rates from each of the three significant industrial users (SIUs): Kimball Office, Alk-Abello, and Buck Knives. This calculation resulted in an average industrial flow of 8,324 gpd. Compared to the local limits evaluation done in 2010, the industrial discharge has decreased by approximately 96.7%.

4.1.3 Sludge Flow Data

Details of the biosolids production and disposal for January 2014 through April 2015 are as follows:

Average dewatered cake solids:	14.72%
Assumed specific gravity of sludge:	1.0
Calculated dry weight of sludge to disposal:	3821 lbs/d
Calculated total sludge flow to disposal:	0.0031 mgd

4.1.4 Spokane River Flow

The seasonal low flow data for the Spokane River was obtained from Table 1 of the facility’s NPDES Fact Sheet. These flow values can be seen in **Table 4-1**. The July through September 1Q10 and 7Q10 flows (160 mgd and 188 mgd, respectively) were

used in this evaluation because they are the lowest stream flows and therefore resulted in the most conservative results. They are therefore the most protective of the Spokane River.

Table 4-1 – Spokane River Flow Data

Seasonal Low Flows in the Spokane River		
Season	1Q10 [cfs/mgd]	7Q10 [cfs/mgd]
October through June	890/575	1030/665
July through September (based on historical data)	248/160	292/188
July through September (Federal Energy Regulatory Commission license based)	500/323	500/323

4.2 Domestic Wastewater and Facility Data

A summary of the average domestic wastewater and the average influent, effluent, and sludge/biosolids monitoring data for the treatment facility is presented in **Table 4-2**. The complete data set used in this analysis is included in the **Appendix**.

Table 4-2 – Average Values of Pollutants of Concern Measured in Domestic Wastewater (No Industrial) and the WRF Influent, Effluent, and Biosolids

Pollutant of Concern	Uncontrolled Background Wastewater	WRF Influent	WRF Effluent	WRF Biosolids
	mg/l	mg/l	mg/l	mg/kg
Ammonia	42	38	0.1	N/A
CBOD	199	237	4	N/A
TSS	296	254	6	N/A
TP	8.82	6.72	0.6	N/A
	ug/l	ug/l	ug/l	mg/kg
Arsenic	3.29	2.20	2.32	4.67
Cadmium	0.50	0.50	0.09	1.26
Chromium	2.07	5.87	0.45	16.73
Copper	31.81	29.86	4.23	141.03
Cyanide	5.00	2.36	1.50	11.35
Lead	2.10	1.18	0.35	9.65
Mercury	0.0084	0.6760	0.1731	0.72
Molybdenum	1.53	3.75	2.45	6.64
Nickel	3.06	7.63	1.98	11.22
Selenium	0.50	1.63	0.98	6.32
Silver	0.59	0.78	0.35	4.85
Zinc	149.78	147.74	50.82	459.69

4.3 Spokane River Background Data

The Spokane River was sampled in 2010 to determine the background concentration of the POCs. The resulting concentrations measured can be seen in **Table 4-3**. Sampling was done at Avista Point, which is upstream of the facility’s outfall. Ultraclean sampling techniques were used in order to prevent contamination.

Table 4-3 – Spokane River Water Quality Data

Pollutant of Concern	Spokane River Concentration mg/l
Ammonia	Not Sampled
CBOD	Not Sampled
TSS	1.3
TP	0.006
Hardness	21.2
	ug/l
Arsenic	0.43
Cadmium	0.21
Chromium	0.05
Copper	0.56
Cyanide	1.50
Lead	0.78
Mercury	0.25
Molybdenum	0.06
Nickel	0.22
Selenium	0.09
Silver	0.03
Zinc	58.61

4.4 Handling of Data Less than the Practical Quantitation Level

Samples collected for this study were processed by an analytical laboratory (e.g., Anatek Labs, Inc.). The analytical laboratory reported results that were less than the practical quantitation level (PQL) as not-detected (ND). When results were reported as ND, one half of the PQL was used as a surrogate value in further calculations.

5 Criteria for Calculating Allowable Headworks Loadings

An allowable headworks loading (AHL) is the estimated maximum loading of a pollutant that can be received by the facility without causing a violation of environmental or operating criteria.

The criteria used to calculate the AHLs in this study were:

- NPDES Permit Requirements
- Water Quality Standards for the Spokane River
- Biosolids Use Standards
- Unit Process Inhibition Levels

The criteria are listed in this section. The AHLs are calculated in Section 6.

5.1 NPDES Permit Criteria

The facility's current NPDES Permit (Permit No.: ID-002585-2) specifies effluent discharge limits for some of the POCs. These limits from the permit are listed in **Table 5-1**. The average monthly and the maximum daily limits from the NPDES Permit were used for further calculations.

The NPDES Permit specifies interim limits for CBOD and total phosphorous (TP). The interim limits have been used in these local limit calculations. The final effluent limits set forth in the Permit must be met by November 30, 2024. The interim limits specify average month and average week for CBOD and TP, versus average month and maximum day for other POCs. The average month limits were used for CBOD and TP because they are more conservative.

Table 5-1 – NPDES Permit Effluent Limits for the Post Falls WWTP

Pollutant of Concern	Units	NPDES Average Monthly Limit	NPDES Max Daily Limit	Notes
Ammonia -N	mg/l	8.2	29.5	Jul-Sept
CBOD	mg/l	25	None	Interim Limit, Feb-Oct
TSS	mg/l	30	None	
TP	lbs/d	68.5	None	Interim Limit, Feb-Oct
Arsenic	ug/l	None	None	
Cadmium	ug/l	None	None	
Chromium	ug/l	None	None	
Copper	ug/l	13.8	27.7	
Cyanide	ug/l	None	None	
Lead	ug/l	2.05	3.79	
Mercury	ug/l	None	None	
Molybdenum	ug/l	None	None	
Nickel	ug/l	None	None	
Selenium	ug/l	None	None	
Silver	ug/l	None	None	
Zinc	ug/l	84.3	115	

5.2 Water Quality Criteria

Water quality criteria were not applied to pollutants of concern that are already limited by the NPDES Permit.

Water quality criteria were derived from the Idaho Water Quality Standards (IDAPA 58.01.02.210 <http://adm.idaho.gov/adminrules/rules/idapa58/0102.pdf>) with the exception of mercury. Acute and chronic criteria for mercury were derived from the EPA’s water column criteria (<http://www.deq.idaho.gov/epa-actions-on-proposed-standards>). These limits can be seen in **Table 5-2**.

Metals and cyanide criteria are expressed within these standards as dissolved, whereas permit limits are expressed as total recoverable. The dissolved criteria were converted to total recoverable by applying the conversion factor found within the Idaho Water Quality Standards. Additionally, in order to determine the water quality criteria for hardness-dependent metals, the approach outlined within the aforementioned standards was followed. Per these standards, a minimum receiving waterbody hardness of 25 mg/L as calcium carbonate was used, except in the case of cadmium.

Table 5-2 – Idaho Water Quality Criteria for the Spokane River

Pollutant of Concern	Hardness mg CaCO3/l	CMC Conversion factor	CCC Conversion factor	Dissolved CMC ug/l	Dissolved CCC ug/l	Total Recoverable CMC ug/l	Total Recoverable CCC ug/l	Notes
Arsenic	N/A	1.000	1.000	340.000	150.000	340.000	150.000	(2)
Cadmium	21.2	1.000	0.974	0.366	0.232	0.366	0.238	
Chromium III	25.0	0.316	0.860	183.066	23.813	579.322	27.690	
Chromium VI	25.0	0.982	0.962	15.732	10.563	16.020	10.980	
Copper	---	---	---	---	---	---	---	(1)
Cyanide	N/A	1.000	1.000	22.000	5.200	22.000	5.200	(2)
Lead	---	---	---	---	---	---	---	(1)
Mercury	N/A	1.000	1.000	2.100	0.012	2.100	0.012	(2)
Molybdenum	---	---	---	---	---	---	---	(3)
Nickel	25.0	0.998	0.997	144.918	16.096	145.208	16.144	
Selenium	N/A	1.000	1.000	20.000	5.000	20.000	5.000	(2)
Silver	25.0	0.850	0.000	0.318	0.000	0.374	0.000	
Zinc	---	---	---	---	---	---	---	(1)

(1) Limited by NPDES criteria

(2) Independent of hardness

(3) No pertinent water quality criteria

CMC- Criteria Maximum Concentration, aka Acute Criteria; CCC- Criteria Continuous Concentration, aka Chronic Criteria

5.3 Biosolids Use Criteria

The sludge produced at the facility is ultimately disposed of by compositing at an off-site location by a contractor. The finished compost is sold to the public as a land amendment.

The criteria are based on the concentration limits for exceptional quality biosolids listed in 40 CFR 503.13 Table 3, and repeated here in **Table 5-3**.

Table 5-3 – Biosolids-Pollutant Concentration Limits

Pollutant of Concern	Biosolids Use Standard mg/kg
Arsenic	41
Cadmium	39
Chromium	None
Copper	1500
Cyanide	None
Lead	300
Mercury	17
Molybdenum	75
Nickel	420
Selenium	100
Silver	None
Zinc	2800

5.4 Unit Process Inhibition Criteria

The unit process inhibition levels used are summarized in **Table 5-4** below. The values were taken from Appendix G of the Local Limits Development Guidance, July 2004.

Table 5-4 – Minimum Inhibition Threshold Levels

Pollutant of Concern	Secondary Treatment mg/l	Nitrification mg/l
Arsenic	0.1	1.5
Cadmium	1	5.2
Chromium	1	0.25
Copper	1	0.25
Cyanide	0.1	0.34
Lead	1	0.5
Mercury	0.1	None Reported
Molybdenum	None Reported	None Reported
Nickel	0.1	0.25
Selenium	None Reported	None Reported
Silver	None Reported	None Reported
Zinc	2.65	0.29

6 Determining the Maximum Allowable Headworks Loadings

A maximum allowable headworks loading (MAHL) is an estimate of the maximum loading of a pollutant that the facility can receive while preventing pass-through or interference to unit processes.

To establish MAHLs for conventional pollutants (ammonia, CBOD, and TSS) the United States Environmental Protection Agency (EPA) recommends using the facility's average design capacity as a monthly average based MAHL and the facility's peak loading capacity as a daily maximum based MAHL (Local Limits Development Guidance, July 2004, Parts 5.3.1 and 5.3.2): these values are listed in **Table 6-1**.

Table 6-1 – MAHLs for conventional POCs

Pollutant of Concern	MAHL lbs/d
Ammonia, monthly avg	1,388
Ammonia, daily max	1,875
CBOD, monthly avg	8,446
CBOD, daily max	12,300
TSS, monthly avg	10,376
TSS, daily max	16,250

The MAHLs for the remaining non-conventional POCs were calculated in accordance with the following three steps:

1. Calculate or determine the removal efficiency for the pollutant through the facility.
2. Calculate the allowable headworks loadings for each of the criterion identified in Section 5.
3. Designate the MAHL as the most stringent allowable headworks loading for the pollutant.

6.1 Calculating Facility Removal Efficiencies

The removal efficiency is the fraction of the influent pollutant load that is removed from the wastewater across the entire facility. Removal efficiencies for each POC were calculated or determined using the following four methods:

1. The mean removal efficiency (MRE) method
2. Using influent and sludge data to calculate the sludge removal efficiency
3. The average daily removal efficiency (ADRE) method
4. Using a value from the literature

The MRE method was used because it does not require paired sets of data (i.e., having influent, effluent, and sludge data that is lagged by the hydraulic residence time of the facility). The MRE is calculated as follows:

$$R_{potw} = \frac{I_r - E_{potw,t}}{I_r}$$

Where:

R_{potw} =	Plant removal efficiency from headworks to plant effluent, as decimal
I_r =	Average POTW influent pollutant concentration at headworks, mg/L
$E_{potw,t}$ =	Average POTW effluent pollutant concentration, mg/L
t =	Plant effluent samples, numbered 1 to T
r =	Plant influent samples, numbered 1 to R

The sludge removal efficiency for each POC was calculated as follows:

$$R_{potw} = \frac{S_u * 8.34 * (PS / 100) * Q_{sldg} * G_{sldg}}{I_r * 8.34 * Q_{potw}}$$

Where:

R_{potw} =	Plant removal efficiency from headworks to plant effluent, as decimal
I_r =	Average POTW influent pollutant concentration at headworks, mg/L
PS =	Percent solids of sludge to disposal, %
Q_{sldg} =	Average total sludge flow rate to disposal, mgd
Q_{potw} =	POTW average flow rate, mgd
G_{sldg} =	Specific gravity of sludge, kg/L

8.34 =	Unit conversion factor, lbs/gal
S_u =	Average sludge pollutant concentration, mg/kg
u =	Sludge samples, numbered 1 to U
r =	Influent samples, numbered 1 to R

The ADRE method requires influent and effluent data that is lagged by the hydraulic residence time, which is approximately 24 hours in this case. The ADRE is calculated as follows:

$$R_{potw} = \frac{\sum \left(\frac{I_{t-1} - E_t}{I_{t-1}} \right)_i}{N}$$

Where:

R_{potw} =	Plant removal efficiency from headworks to plant effluent, as decimal
I_{t-1} =	Influent sample from preceding day, mg/L
E_t =	Effluent sample from current day, mg/L
N =	Total number of paired influent and effluent sample pairs
i =	Time-lagged plant influent and effluent sample pairs, numbered 1 to i
t =	Plant influent and effluent samples, numbered 1 to T

Literature values for the removal efficiency of each POC were taken from Appendix R of the Local Limits Development Guidance, July 2004.

Pollutant removal efficiencies as determined by each method are compared in **Table 6-2** and the values selected for use in subsequent calculations are indicated. Literature values were only used when greater than 50% of the influent and/or effluent values were less than the PQL. Additionally, negative removal efficiencies were deemed erroneous and removed from consideration. Otherwise, the most conservative calculated removal efficiency was used in further calculations. The two exceptions to this statement are nickel and TP, for which the second lowest calculated removal efficiency was used since the lowest calculated removal efficiency was deemed to be an extreme outlier and not representative of the true capabilities of the facility.

Table 6-2 – Removal Efficiencies

Pollutant of Concern	Comparison of Removal Efficiencies by Method				Value and Method Used in AHL Calculations		Notes
	MRE	Sludge	Literature	ADRE			
Arsenic	-5%	39%	45%	74%	39%	Sludge	
Cadmium	83%	47%	67%	N/A	47%	Sludge	
Chromium	92%	53%	82%	82%	82%	Literature	(1)
Copper	86%	88%	86%	N/A	86%	MRE	
Cyanide	36%	89%	69%	50%	69%	Literature	(1)
Lead	70%	152%	61%	N/A	70%	MRE	
Mercury	74%	20%	60%	73%	74%	MRE	(1)
Molybdenum	35%	33%	N/A	22%	22%	ADRE	
Nickel	74%	27%	42%	67%	67%	ADRE	
Selenium	40%	72%	50%	79%	50%	Literature	(1)
Silver	56%	115%	75%	68%	75%	Literature	(1)
Zinc	66%	58%	79%	N/A	58%	Sludge	
Phosphorus	91%	0%	N/A	93%	91%	MRE	

(1) Literature value used when greater than 50% of the influent and/or effluent values are less than the PQL

6.2 Calculating Allowable Headworks Loadings (AHLs)

An allowable headworks loading (AHL) is the estimated maximum loading of a pollutant that the facility can receive without exceeding a particular environmental criteria. An AHL is calculated for each environmental criterion and for each pollutant of concern. In order to assist with these calculations, the EPA Region 5 Water Local Limits Guidance and Spreadsheet was used (<http://www.epa.gov/region5/water/npdestek/npdprt2.htm>). This spreadsheet can be found in **Appendix E**. It should be noted that the spreadsheet was modified in order to include the abbreviations and traditional nomenclature used in this region.

The formulas used for calculating the AHLs are given in the following subsections.

6.2.1 AHLs Based on NPDES Permit Requirements

$$AHL_{npdes} = \frac{(8.34)(C_{npdes})(Q_{potw})}{(1 - R_{potw})}$$

Where:

AHL_{npdes} =	AHL based on NPDES effluent limits, lbs/day
C_{npdes} =	NPDES daily maximum permit limit for a particular pollutant, mg/L
Q_{potw} =	POTW average flow rate, mgd
R_{potw} =	Plant removal efficiency from headworks to plant effluent, as decimal
8.34 =	Conversion factor, lbs/gal

6.2.2 AHLs Based on Water Quality Standards

$$AHL_{wq} = \frac{8.34[C_{wq}(Q_{str} + Q_{potw}) - (C_{str} * Q_{str})]}{(1 - R_{potw})}$$

Where:

AHL _{wq} =	AHL based on water quality criteria, lbs/day
C _{str} =	Receiving stream background concentration, mg/L
C _{wq} =	State water quality standards or EPA water quality criteria, mg/L
Q _{str} =	Receiving stream (upstream) flow rate, mgd. 25% of the 7Q10 flow for calculating the CCC per IDAPA 58.01.02.060 25% of the 1Q10 flow for calculating the CMC per IDAPA 58.01.02.060
Q _{potw} =	POTW average flow rate, mgd
R _{potw} =	Plant removal efficiency from headworks to plant effluent, as decimal
8.34 =	Conversion factor, lbs/gal

6.2.3 AHLs Based on Biosolids Use Standards

$$AHL_{slgd} = \frac{(8.34)(C_{slgd})(PS / 100)(Q_{slgd})(G_{slgd})}{R_{potw}}$$

Where:

AHL _{slgd} =	AHL based on sludge, lbs/day
C _{slgd} =	Sludge standard, mg/kg dry sludge
PS =	Percent solids of sludge to disposal
Q _{slgd} =	Total sludge flow rate to disposal, mgd
R _{potw} =	Plant removal efficiency from headworks to plant effluent, as decimal
G _{slgd} =	Specific gravity of sludge, kg/L
8.34 =	Unit conversion factor

6.2.4 AHLs Based on Unit Process Inhibition

$$AHL_{sec-inhib} = \frac{8.34(C_{inhib2})(Q_{potw})}{(1 - R_{prim})}$$

$$AHL_{ter-inhib} = \frac{8.34(C_{inhib3})(Q_{potw})}{(1 - R_{sec})}$$

Where:

$AHL_{sec-inhib}$	=	AHL based on secondary treatment (activated sludge) inhibition, lbs/day
$AHL_{ter-inhib}$	=	AHL based on tertiary treatment (nitrification) inhibition, lbs/day
C_{inhib2}	=	Inhibition criterion for secondary treatment, mg/L
C_{inhib3}	=	Inhibition criterion for tertiary treatment, mg/L
Q_{potw}	=	POTW average flow rate, mgd
R_{prim}	=	Removal efficiency from headworks to primary treatment effluent, as decimal
R_{sec}	=	Removal efficiency from headworks to secondary treatment effluent, as decimal
8.34	=	Unit conversion factor, lbs/gal

6.3 Determining the Maximum Allowable Headwork Loading (MAHL)

The AHLs calculated for each POC, for each criterion, are listed in **Table 6-3**. The most stringent (i.e., the lowest) AHL for each POC is chosen as the maximum allowable headworks loading (MAHL) for that particular POC. Each MAHL and its source are listed in the last two columns of the table.

Table 6-3 – Allowable Headworks Loadings (AHL) and Resulting Maximum Allowable Headworks Loading (MAHL)

Pollutant of Concern	AHL (design cap) lbs/d	AHL (npdes, daily) lbs/d	AHL (npdes, monthly) lbs/d	AHL (sec-inhib) lbs/d	AHL (tert-inhib) lbs/d	AHL (slgdg) lbs/d	AHL (ccc) lbs/d	AHL (cmc) lbs/d	MAHL lbs/d	Source
Ammonia, monthly avg	1,388	-	-	-	-	-	-	-	1,388	design cap
Ammonia, daily max	1,875.0	-	-	-	-	-	-	-	1,875.000	design cap
CBOD, monthly avg	8,446.0	-	-	-	-	-	-	-	8,446.000	design cap
CBOD, daily max	12,300.0	-	-	-	-	-	-	-	12,300.000	design cap
TSS, monthly avg	10,376.0	-	-	-	-	-	-	-	10,376.000	design cap
TSS, daily max	16,250.0	-	-	-	-	-	-	-	16,250.000	design cap
Arsenic	-	-	-	2.062	50.884	0.399	101.919	198.252	0.399	slgdg
Cadmium	-	-	-	20.616	202.024	0.317	0.032	0.114	0.032	wq-ccc
Chromium	-	-	-	20.616	28.634	-	25.149	31.484	20.616	sec-inhib
Copper	-	4.027	2.006	20.616	36.344	6.678	-	-	2.006	npdes, monthly
Cyanide	-	-	-	2.062	22.612	-	5.042	23.562	2.062	sec-inhib
Lead	-	0.261	0.141	20.616	34.406	1.637	-	-	0.141	npdes, monthly
Mercury	-	-	-	2.062	-	0.087	0.017	2.908	0.017	wq-ccc
Molybdenum	-	-	-	-	-	1.280	-	-	1.280	slgdg
Nickel	-	-	-	2.062	15.574	2.398	19.936	155.447	2.062	sec-inhib
Selenium	-	-	-	-	-	0.764	4.073	14.135	0.764	slgdg
Silver	-	-	-	-	-	-	-	0.491	0.491	wq-cmc
Zinc	-	5.600	4.105	54.634	14.122	18.552	-	-	4.105	npdes, monthly
Phosphorus	-	-	761.100	-	-	-	-	-	761.100	npdes, monthly

AHL_{design} = AHL based on avg. day design capacity

AHL_{npdes, daily} = AHL based on NPDES daily permit criteria

AHL_{npdes, monthly} = AHL based on NPDES monthly permit criteria

AHL_{cmc} = AHL based on acute water quality criteria

AHL_{ccc} = AHL based on chronic water quality criteria

AHL_{slgdg} = AHL based on 503 sludge regulations

AHL_{sec-inhib} = AHL based on secondary treatment inhibition

AHL_{ter-inhib} = AHL based on tertiary treatment inhibition

7 Evaluating the Need for Local Limits

The City Code has established local limits for:

- Ammonia
- CBOD
- TSS
- Phosphorus
- Arsenic
- Cadmium
- Chromium (hexavalent)
- Chromium (total)
- Copper
- Cyanide
- Lead
- Mercury
- Silver
- Zinc

The City does not have local limits for:

- Molybdenum
- Nickel
- Selenium

When the concentration of a pollutant in the influent is far below the calculated MAHL, it is unlikely to cause problems for the facility. The Local Limits Development Guidance, July 2004, Part 6.1.1 recommends that local limits maybe needed when the following conditions occur:

1. The average influent loading of a POC exceeds 60 percent of the MAHL
2. The maximum daily influent loading of a POC exceeds 80 percent of the MAHL

EPA cautions against removing *established* local limits based on this approach because the local limit may be the reason that the influent loading is low.

Table 7-1 compares the current headworks loadings to the MAHLs.

Table 7-1 – Comparison of Current Headworks Loadings to MAHLs

Pollutant of Concern	Maximum Allowable Headworks Loading (MAHL)	Current Avg Headworks Loading	Current Avg Headworks Loading as a percentage of the MAHL ⁽¹⁾	Current Max Day Headworks Loading	Current Max Day Headworks Loading as a percentage of the MAHL ⁽²⁾
	lbs/d	lbs/d	%	lbs/d	%
Ammonia, monthly avg	1,388	773.2	56	--	--
Ammonia, daily max	1,875	--	--	1,571	113
CBOD, monthly avg	8,446	4,881.6	58	--	--
CBOD, daily max	12,300	--	--	5,731	68
TSS, monthly avg	10,376	5,231.0	50	--	--
TSS, daily max	16,250	--	--	13,050	126
Arsenic	0.399	0.045	11	0.084	21
Cadmium	0.032	0.010	32	0.104	327
Chromium	20.616	0.121	1	0.187	1
Copper	2.006	0.616	31	0.928	46
Cyanide	2.062	0.049	2	0.062	3
Lead	0.141	0.024	17	0.033	23
Mercury	0.017	0.014	82	0.037	219
Molybdenum	1.280	0.077	6	0.175	14
Nickel	2.062	0.157	8	0.241	12
Selenium	0.764	0.034	4	0.067	9
Silver	0.491	0.016	3	0.079	16
Zinc	4.105	3.046	74	3.814	93
Phosphorus	761.100	138.58	18	169.055	22

⁽¹⁾ EPA recommends a local limit is needed when this ratio exceeds 60%

⁽²⁾ EPA recommends a local limit is needed when this ratio exceeds 80%

As previously mentioned, for molybdenum, nickel, and selenium, the City does not have established local limits. As shown in the preceding table, the headworks loadings for these pollutants are below the 60 percent and 80 percent threshold values where the EPA recommends a need for a local limit; therefore, we recommend that no local limit be established. However, for the sake of continuity, data and local limits calculations will be carried out for these three constituents.

Many of the POCs for which the City has established local limits are below the 60% and 80% threshold values. EPA cautions against removing *established* local limits based on

this approach because the local limit may be the reason that the influent loading is low.

To remove established local limits, it would be necessary to prove that the reason the current headworks loadings are low is *not* due to the existing local limits, but rather that there is simply no discharge of these POCs. A written technical evaluation must be provided in accordance with 40 CFR 122.44(j)(2)(ii).

8 Determining Limits by Headworks Loadings

8.1 Calculation of Maximum Allowable Industrial Loadings (MAILs)

The maximum allowable industrial loading (MAIL) is the portion of the MAHL that can be allocated to industrial users after accounting for background loadings and making allowances for a factor of safety and future growth.

The MAIL is calculated by reducing the MAHL by a factor of safety then subtracting the background loading and then subtracting an allowance for future growth. The resulting MAILs can be seen in **Table 8-1**.

$$MAIL = MAHL \left(1 - \frac{SF}{100}\right) - L_{unc} - GA$$

Where:

MAIL =	Maximum allowable industrial loading, lbs/day
MAHL =	Maximum allowable headworks loading, lbs/day
SF =	Safety factor, as a percent
L _{unc} =	Background loadings from uncontrolled sources (e.g., strictly domestic and light commercial wastewater), lbs/day
GA =	Growth allowance, lbs/day

Table 8-1 – Determination of the Maximum Allowable Industrial Loadings (MAIL)

Pollutant of Concern	Maximum Allowable Headworks Loading (MAHL)	Safety Factor (SF)	MAHL Decreased by the Safety Factor MAHL(1-SF/100)	Headworks Loading from Uncontrolled Sources (Lunc)	Growth Allowance (GA)	Growth Allowance ⁽²⁾ GA[MAHL(1-SF/100)]	Maximum Allowable Industrial Loading (MAIL)
	lbs/d	%	lbs/d	lbs/d	%	lbs/d	lbs/d
Ammonia, monthly avg	1,388	10%	1,249	870	10%	125	255
Ammonia, daily max	1,875	10%	1,688				649
CBOD, monthly avg	8,446	20%	6,757	4,089	20%	1,351	1,317
CBOD, daily max	12,300	20%	9,840				3,783
TSS, monthly avg	10,376	20%	8,301	6,073	20%	1,660	568
TSS, daily max	16,250	20%	13,000				4,327
Arsenic	0.399	20%	0.319	0.068	20%	0.064	0.188
Cadmium	0.032	20%	0.026	0.010	20%	0.005	0.010
Chromium	20.616	20%	16.493	0.043	20%	3.299	13.152
Copper	2.006	20%	1.605	0.654	20%	0.321	0.630
Cyanide	2.062	20%	1.649	0.103	20%	0.330	1.217
Lead	0.141	20%	0.113	0.043	20%	0.023	0.047
Mercury	0.017	20%	0.014	0.000	20%	0.003	0.011
Molybdenum ⁽¹⁾	1.280	20%	1.024	0.031	20%	0.205	0.788
Nickel ⁽¹⁾	2.062	20%	1.649	0.063	20%	0.330	1.256
Selenium ⁽¹⁾	0.764	20%	0.611	0.010	20%	0.122	0.479
Silver	0.491	20%	0.393	0.012	20%	0.079	0.302
Zinc	4.105	10%	3.695	3.078	10%	0.369	0.247
Phosphorus	761.100	20%	608.9	181.195	10%	60.89	366.797

⁽¹⁾ Based on the ratio of current loading to MAHL, it was recommended that local limits for Mo, Ni and Se are not needed. They are continued through the analysis for information purposes only.

⁽²⁾ Growth allowance was calculated as a percentage of the MAHL after it was decreased by the safety factor.

8.2 Proposed Local Limits

The final step in developing local limits is to allocate the MAILs for each POC among the controlled sources (i.e., the industrial users).

A POTW may select any method of allocation and implementation that results in enforceable local limits that prevent pass-through and interference, and that comply with the prohibitions stated in the Federal Regulations.

The uniform concentration limit (UCL) is the most common method of allocating MAILs and it is how the City's current local limits are written. It results in one limit per pollutant that applies to every controlled discharger. Sometimes, this method can be overly stringent because some dischargers may be unable to comply with the UCL while other dischargers may be given an allocation for a pollutant that they do not discharge. This method can also result in excessively large concentrations when the total industrial flow is small. In such cases common sense must be used.

Our recommendations are;

1. Allocate the MAIL for Ammonia, CBOD, TSS and Phosphorus on a case by case basis.
2. No local limit is recommended for nickel, selenium and silver because the actual loadings are much smaller than the MAHLs.
3. For all other POCs it is recommended to keep the currently established local limit. The current limits are more restrictive than the calculated UCLs; however, this is principally the result of a drastic decrease in the flow from the SIUs. The current local limits have been protective and the SIUs have complied with the limits.

The following table summarizes the proposed local limits and compares them to the current local limits.

Table 8-2 – Proposed Local Limits

Pollutant of Concern	Maximum Allowable Industrial Loading (MAIL) lbs/d	Current Local Limit ⁽¹⁾ mg/l	Calculated Uniform Concentration mg/l	Proposed Local Limit mg/l	Basis of Recommendation
Ammonia, monthly avg	255	None	-		Case by Case
Ammonia, daily max	649	56	-		Case by Case
CBOD, monthly avg	1,317	None	-		Case by Case
CBOD, daily max	3,783	None	-		Case by Case
TSS, monthly avg	568	None	-		Case by Case
TSS, daily max	4,327	487 mg/l or 61 lbs/d	-		Case by Case
Arsenic ⁽¹⁾	0.188	0.123	2.708	0.123	Current LL
Cadmium ⁽¹⁾	0.010	0.066	0.147	0.066	Current LL
Chromium ⁽¹⁾	13.152	1.953	189.450	1.953	Current LL
Copper ⁽¹⁾	0.630	0.651	9.081	0.651	Current LL
Cyanide ⁽¹⁾	1.217	0.768	17.526	0.768	Current LL
Lead ⁽¹⁾	0.047	0.088	0.679	0.088	Current LL
Mercury ⁽¹⁾	0.011	0.07	0.154	0.070	Current LL
Molybdenum ⁽²⁾	0.788	None	11.346	None	
Nickel ⁽²⁾	1.256	None	18.099	None	
Selenium ⁽²⁾	0.479	None	6.896	None	
Silver ⁽¹⁾	0.302	0.149	4.350	0.149	Current LL
Zinc ⁽¹⁾	0.247	0.251	3.564	0.251	Current LL
Phosphorus ⁽¹⁾	366.80	10.00	5,284		Case by Case

⁽¹⁾ Expressed as daily maximum limit.

⁽²⁾ No limit recommended. Results presented here for continuity.

8.3 Recommendations for Surcharges

The current fee structure allows the City to apply a surcharge to the billing for BOD and TSS concentrations over 250 mg/l. It is recommended that surcharge “triggers” also be developed for ammonia, CBOD and phosphorus.

Surcharges are often based on exceeding the loads of a typical residential unit or service unit (SU). The City defines a SU as 5,000 gallons per month and 0.34 pounds of BOD and TSS per day.

The following table is intended to be an aid in determining the trigger points. It expands on the Service Unit concept by using the average uncontrolled concentration (Table 4-2) and the 5,000 gallon per month flow of a SU. Peaking factors are taken from the Water Reclamation Facility Plan 2013 (Table ES-2 Projected Waste Loads, the maximum day peaking factor, ratio of statistical determined max. day to avg. day).

Pollutant of Concern	Service Unit		Max Day Peaking Factor	Max Day Loading	
	lbs/d	mg/l		lbs/d	mg/l
Ammonia	0.06	42	1.4	0.08	58
CBOD	0.28	201	1.3	0.36	261
TSS	0.34	250	1.9	0.65	475
Phosphorus	0.01	8.6	1.3	0.02	11.2

As an example, the calculations for ammonia are:

The uncontrolled background concentration is 42 mg/l.

The load in a SU = 42 mg/l x 8.34 x 0.0005 million gal/month x (1/30 days per month)
= 0.058 lbs/d

The maximum day peaking factor = 1.3.

The max. day loading = 1.3 x 0.058 lbs/d = 0.081 lbs/d

The max day concentration = 1.3 x 42 mg/l = 58 mg/l

8.4 Comparison of the Proposed Local Limits and SIU Discharges

There are currently three significant industrial users (SIUs) in the sewer service area:

- Buck Knives, Inc.
- ALK-Abello Source Materials
- Kimball Office

The proposed local limits are compared to the current local limits and the discharge of the SIUs in the following table. It appears that all of the SIUs could meet the proposed local limits.

Table 8-3 – Proposed Local Limits Compared to Discharges of the SIUs

Pollutant of Concern	Current Local Limit ⁽¹⁾ mg/l	Proposed Local Limit mg/l	ALK-Abello mg/l	Kimball mg/l	Buck Knives mg/l
Ammonia, monthly avg	None	Case by Case	n/a	n/a	n/a
Ammonia, daily max	56	Case by Case	n/a	n/a	n/a
CBOD, monthly avg	None	Case by Case	n/a	n/a	n/a
CBOD, daily max	None	Case by Case	n/a	n/a	n/a
TSS, monthly avg	None	Case by Case	n/a	n/a	n/a
TSS, daily max	487 mg/l or 61 lbs/d	Case by Case	n/a	n/a	n/a
Arsenic	0.123	0.123	0.005	0.005	0.002
Cadmium	0.066	0.066	0.001	0.000	0.037
Chromium	1.953	1.953	0.003	0.002	0.053
Copper	0.651	0.651	0.081	0.059	0.038
Cyanide	0.768	0.768	0.000	0.000	0.031
Lead	0.088	0.088	0.004	0.003	0.013
Mercury	0.070	0.070	0.0012	0.0001	0.0002
Molybdenum ⁽²⁾	None	None	0.002	0.006	0.606
Nickel ⁽²⁾	None	None	0.012	0.011	0.050
Selenium ⁽²⁾	None	None	0.002	0.002	0.004
Silver	0.149	0	0.011	0.001	0.001
Zinc	0.251	0	0.074	0.236	0.092
Phosphorus	10.0	Case by Case	n/a	n/a	n/a

⁽¹⁾ Expressed as daily maximum limit.

⁽²⁾ No current Local Limit imposed for this constituent. No limit recommended.

n/a - not available

8.5 Common Sense Assessment

After developing and allocating local limits, it is recommended the limits be put to a “common sense” test. The criteria used to determine what constitutes common sense were:

1. Are the limits technologically achievable?
2. Can the city and the dischargers determine compliance with the local limit?
3. Are the limits sensible in light of actual conditional at the facility and past compliance experience?

In our opinion, these proposed local limits pass the common sense assessment.

9 Local Limits to Address Concerns about the Collection System

Fats, oils, and grease (FOG) are of two general categories: petroleum or mineral origin, and animal or plant origin. Petroleum/mineral oil and grease can harm the biological treatment process and should be prohibited in any amount that may cause interference or pass-through. Animal/plant fats, oils, and grease tend to build up on the walls of sewer pipes, manholes, and lift stations, which eventually causes the sewer system to malfunction and increases maintenance expenses. Animal/plant FOG is a major cause of sanitary sewer overflows (SSOs), which endanger public health and safety, and are the subject of increasing regulatory enforcement.

In lieu of numeric limits for FOG, it is recommended that best management practices (BMP) be implemented.

To protect the health and safety of worker at the WRF and in the collection system a local limit for combustible gases expressed as percentage of the lower explosive limit (LEL) is recommended. A value of 10% of the LEL is recommended.

References

State of Idaho. Department of Environmental Quality. 58.01.02, Water Quality Standards 12 June 2015 <<http://adminrules.idaho.gov/rules/current/58/0102.pdf>>.

State of Idaho. Department of Environmental Quality. EPA Actions on Proposed Standards 14 June 2015 <<http://www.deq.idaho.gov/epa-actions-on-proposed-standards>>.

State of Washington. Department of Ecology. Guidance Manual for Developing Local Discharge Limits June 2011. 17 September 2015
< <https://fortress.wa.gov/ecy/publications/documents/1110056.pdf>>

United States Environmental Protection Agency. Authorization to Discharge Under the National Pollutant Discharge Elimination System. Director, Office of Water and Watersheds Daniel Opalski 30 Sept. 2014. 14 July 2015
<http://www.epa.gov/region10/pdf/permits/npdes/id/pf_fp_id0025852_2014.pdf>.

United States Environmental Protection Agency. Local Limits Development Guidance July 2004. 27 May 2015
<http://www.epa.gov/npdes/pubs/final_local_limits_guidance.pdf>.

United States. Environmental Protection Agency. Region 5 Water. Local Limits Guidance 14 June 2012. 20 June 2015
<<http://www.epa.gov/r5water/npdestek/npdpdrtg2.htm>>.

United States Environmental Protection Agency. Revised Fact Sheet. Technical Contact Brian Nickel 18 July 2013. 14 July 2015
<http://www.epa.gov/region10/pdf/permits/npdes/id/Post_Falls_FS.pdf>.

United States. Government Publishing Office. Title 40: Protection of Environment, Chapter I, Subchapter O, Part 503- STANDARDS FOR THE USE OR DISPOSAL OF SEWAGE SLUDGE , Subpart B 22 June 2015 <http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&SID=f8038dcc4693142a6bc61a985e7a7e80&mc=true&n=sp40.30.503.b&r=SUBPART&ty=HTML#se40.30.503_113>.

Appendices

Appendix A - Pollutant of Concern Data

Appendix B - Facility Biosolids Data

Appendix C - Non-Industrial Background Data

Appendix D - Significant Industrial User Data

Appendix A

Pollutant of Concern Data

Appendix B

Facility Biosolids Data

Appendix C

Non-Industrial Background Data

Appendix D

Significant Industrial User Data

Appendix E

River sampling Data

Constituent:	Arsenic					
1/2 PQL Used	Negative or zero-value daily removal percentages removed					
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
1/10/2005	0.5	2.43				
1/11/2005	1.57	0.5				
1/12/2005	2.83	0.5	68.15			
4/5/2005				1.25		
7/12/2005				1.25		
8/2/2005	2.59	3.39				
8/3/2005	4.07	0.5	80.69			
10/10/2005				6.38		
1/11/2005				3.25		
8/15/2006	1.85	2.69				
8/16/2006	2.35	2.37				
8/17/2006	0.5	4.77				
11/2/2007				3.78		
1/6/2009				5.81		
4/7/2009				4.1		
7/14/2009				4.11		
10/13/2009				7.35		
3/29/2010						0.53
3/30/2010						0.45
3/31/2010						0.51
4/5/2010						0.44
4/6/2010						0.4
4/7/2010						0.35
4/8/2010						0.35
1/12/2010				5.82		
4/6/2010				5.55		
7/13/2010				4.24		
12/6/2010				4.39		
2/7/2011				3.21		
4/11/2011				1.25		
7/11/2011				8.14		
11/1/2011				9.8		
1/31/2012				7.38		
4/10/2012				10.5		
7/17/2012				2.41		
10/15/2012				3.82		
1/15/2013				1		
4/9/2013				1.5		
7/8/2013				2		
10/8/2013				5.68		
1/9/2014				2		
4/1/2014				6.77		
7/22/2014				5.55		

Constituent:	Arsenic					
1/2 PQL Used	Negative or zero-value daily removal percentages removed					
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
10/20/2014				5.23		
1/6/2015				5.15		
4/9/2015				5.72		
Flow-weighted	3.58					
7/7/2008		2.57				
6/16/2009		2.3				
9/2/2009		2.62				
5/19/2010		3.24				
6/22/2015					0.00343	
6/23/2015					0.00428	
6/24/2015					0.00353	
6/25/2015					0.00332	
6/29/2015					0.00293	
6/30/2015					0.00324	
7/1/2015					0.00328	
7/9/2015				4.92		
AVERAGE	2.204	2.323	74.424	4.666	0.003	0.433
Std. Deviation	1.24	1.29		2.49		0.071
Lower Limit	-0.27	-0.25		-0.31		0.29
Upper Limit	4.68	4.90		9.64		0.58
MRE(%)	-5.39					
Sludge Removal Efficiency (%)	39.23					
MAX	4.07					

Constituent:	Cadmium					
1/2 PQL Used						
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
1/6/2009				0.800		
4/7/2009				0.730		
7/14/2009				0.970		
10/13/2009				0.960		
1/1/2009	0.0970	0.0160				
2/1/2009	0.1600	0.0160				
3/1/2009	0.0660	0.0140				
4/1/2009	0.1040	0.0015				
5/1/2009	0.1240	0.0130				
6/1/2009	0.1580	0.0210				
7/1/2009	0.1150	0.0120				
8/1/2009	0.1040	0.0120				
9/1/2009	0.1170	0.0140				
10/1/2009	0.1490	0.0015				
11/1/2009	0.0860	0.0015				
12/1/2009	0.112	0.0015				
3/29/2010						0.200
3/30/2010						0.210
3/31/2010						0.200
4/5/2010						0.210
4/6/2010						0.200
4/7/2010						0.210
4/8/2010						0.220
1/12/2010				1.17		
4/6/2010				0.88		
7/13/2010				1.02		
12/6/2010				0.83		
2/7/2011				0.99		
4/11/2011				1.13		
7/11/2011				1		
11/1/2011				1		
1/31/2012				0.06		
4/10/2012				2.5		
7/17/2012				1		
10/15/2012				1.5		
1/15/2013				2.5		
4/9/2013				1.5		
7/8/2013				2		
10/8/2013				1.25		
1/9/2014				2		

Constituent:	Cadmium					
1/2 PQL Used						
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
4/1/2014				1.28		
7/22/2014				0.925		
10/20/2014				1.135		
1/6/2015				1.34		
4/9/2015				1.495		
Flow-weighted	5.06					
7/8/2010		0.5				
6/17/2013		1.5				
5/20/2014		0.5				
1/9/2011		0.076				
2/3/2011		0.098				
3/3/2011		0.085				
4/7/2011		0.35				
5/5/2011		0.19				
6/2/2011		0.19				
7/10/2011		0.2149				
8/4/2011		0.10205				
9/8/2011		0.164				
10/7/2011		0.038				
11/3/2011		0.041				
12/8/2011		0.0465				
1/12/2012		0.18				
2/2/2012		0.003				
3/1/2012		0.003				
4/5/2012		0.003				
5/3/2012		0.04				
6/5/2012		0.03				
7/8/2012		0.08				
8/2/2012		0.003				
9/3/2012		0.03				
10/4/2012		0.003				
11/1/2012		0.003				
12/6/2012		0.03				
1/3/2013		0.001				
2/7/2013		0.03				
3/7/2013		0.21				
4/4/2013		0.003				
5/2/2013		0.15				
6/6/2013		0.03				
7/1/2013		0.03				
8/1/2013		0.06				
9/3/2013		0.03				
10/3/2013		0.003				
11/7/2013		0.09				
12/3/2013		0.003				
1/2/2014		0.003				

Constituent:	Cadmium					
1/2 PQL Used						
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
2/6/2014		0.07				
3/6/2014		0.03				
4/3/2014		0.04				
5/8/2014		0.003				
6/5/2014		0.03				
7/1/2014		0.1				
8/4/2014		0.003				
9/2/2014		0.06				
10/2/2014		0.003				
11/4/2014		0.04				
12/4/2014		0.003				
1/5/2015		0.02				
2/2/2015		0.01				
3/3/2015		0.03				
4/2/2015		0.04				
6/22/2015					0.0005	
6/23/2015					0.0005	
6/24/2015					0.0005	
6/25/2015					0.0005	
6/29/2015					0.0005	
6/30/2015					0.0005	
7/1/2015					0.0005	
7/9/2015				1.97		
AVERAGE	0.496	0.086	n/a	1.257	0.0005	0.207
Std. Deviation	1.37	0.20		0.54		0.01
Lower Limit	-2.25	-0.32		0.18		0.19
Upper Limit	3.24	0.49		2.33		0.22
MRE(%)	82.70					
Sludge Removal Efficiency (%)	46.93					
MAX	5.06					

Constituent:	Chromium					
1/2 PQL Used						
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
1/10/2005	4.650	0.5				
1/11/2005	5.200	1.060	77.20	20.0		
1/12/2005	4.620	0.5	90.38			
4/5/2005				23.9		
7/12/2005				29.1		
8/2/2005	5.850	0.5				
8/3/2005	6.120	0.5	91.45			
10/10/2005				26.6		
8/15/2006	4.350	0.5				
8/16/2006	9.060	1.350	68.97	30.1		
1/6/2009				12.4		
4/7/2009				14.2		
7/14/2009				13.5		
10/13/2009				11.6		
3/29/2010						0.05
3/30/2010						0.05
3/31/2010						0.05
4/5/2010						0.05
4/6/2010						0.05
4/7/2010						0.05
4/8/2010						0.05
1/12/2010				8.90		
4/6/2010				12.30		
7/13/2010				14.80		
12/6/2010				11.00		
2/7/2011				11.60		
4/11/2011				13.20		
7/11/2011				20.10		
11/1/2011				20.40		
1/31/2012				15.00		
4/10/2012				13.30		
7/17/2012				28.10		
10/15/2012				20.60		
1/15/2013				13.40		
4/9/2013				13.50		
7/8/2013				15.70		
10/8/2013				15.70		
1/9/2014				13.60		
4/1/2014				14.50		

Constituent:	Chromium					
1/2 PQL Used						
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
7/22/2014				19.90		
10/20/2014				15.00		
1/6/2015				12.90		
4/9/2015				16.30		
Flow-weighted	7.14					
7/8/2012		0.00398				
6/17/2013		0.0005				
9/3/2013		0.0005				
5/20/2014		0.0005				
6/22/2015					0.00227	
6/23/2015					0.0024	
6/24/2015					0.0016	
6/25/2015					0.00135	
6/29/2015					0.00162	
6/30/2015					0.0022	
7/1/2015					0.00304	
7/9/2015				14.15		
AVERAGE	5.874	0.447	82.002	16.730	0.002	0.050
Std. Deviation	1.59	0.45		5.66		0.00
Lower Limit	2.70	-0.45		5.42		0.05
Upper Limit	9.05	1.34		28.04		0.05
MRE(%)	92.39					
Sludge Removal Efficiency (%)	52.78					
MAX	9.060					

Constituent:	Copper					
1/2 PQL Used						
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
1/6/2009				143		
4/7/2009				138		
7/14/2009				166		
10/13/2009				168		
1/1/2009	24.4000	4.2100				
2/1/2009	19.9000	4.3500				
3/1/2009	21.4000	3.8100				
4/1/2009	23.2000	3.9800				
5/1/2009	23.3000	4.3800				
6/1/2009	45.0000	4.8000				
7/1/2009	32.0000	3.5400				
8/1/2009	44.1000	3.5900				
9/1/2009	29.5000	3.1500				
10/1/2009	42.3000	2.7200				
11/1/2009	31.3000	4.6500				
12/1/2009	39.5	2.3				
3/29/2010						0.72
3/30/2010						0.52
3/31/2010						0.51
4/5/2010						0.48
4/6/2010						0.59
4/7/2010						0.54
4/8/2010						0.54
1/12/2010				109		
4/6/2010				110		
7/13/2010				134		
12/6/2010				129		
2/7/2011				114		
4/11/2011				119		
7/11/2011				172		
11/1/2011				148		
1/31/2012				121		
4/10/2012				129		
7/17/2012				191		
10/15/2012				169		
1/15/2013				125		
4/9/2013				119		
7/8/2013				170		
10/8/2013				147		
1/9/2014				128		
4/1/2014				122		
7/22/2014				173		
10/20/2014				147		
1/6/2015				112		
4/9/2015				138		
Flow-weighted	25.23					
7/7/2008		0.0114				
6/16/2009		0.00412				
9/2/2009		0.0079				
5/19/2010		0.00901				
1/9/2011		6.47				
2/3/2011		6.07				
3/3/2011		4.16				
4/7/2011		3.667				
5/5/2011		3.47				
6/2/2011		4.8				
7/10/2011		2.125				
8/4/2011		3.444				
9/8/2011		5.83				
10/7/2011		4.9				
11/3/2011		4.22				
12/8/2011		6.365				
1/12/2012		1.91				
2/2/2012		3.9				

Constituent:	Copper					
1/2 PQL Used						
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
3/1/2012		3.91				
4/5/2012		3.55				
5/3/2012		1.84				
6/5/2012		3.62				
7/8/2012		11				
8/2/2012		5.04				
9/3/2012		4.65				
10/4/2012		2.97				
11/1/2012		3.05				
12/6/2012		3.32				
1/3/2013		2.35				
2/7/2013		3.78				
3/7/2013		6.26				
4/4/2013		3.42				
5/2/2013		4.93				
6/6/2013		4.39				
7/1/2013		4.23				
8/1/2013		1.39				
9/3/2013		3.55				
10/3/2013		5.5				
11/7/2013		4.57				
12/3/2013		6.22				
1/2/2014		3.85				
2/6/2014		5.93				
3/6/2014		4.58				
4/3/2014		7.23				
5/8/2014		5.35				
6/5/2014		6.79				
7/1/2014		5.9				
8/4/2014		4.35				
9/2/2014		3.9				
10/2/2014		4.22				
11/4/2014		4.3				
12/4/2014		5.54				
1/5/2015		5.58				
2/2/2015		5.49				
3/3/2015		10.9				
4/2/2015		3.68				
6/22/2015					0.0369	
6/23/2015					0.043	
6/24/2015					0.0361	
6/25/2015					0.0317	
6/29/2015					0.0324	
6/30/2015					0.0354	
7/1/2015					0.0387	
7/9/2015				166.75		
8/25/2015	29.7				0.0285	
8/25/2015					0.0308	
8/27/2015	30.4				0.0353	
9/2/2015	27.8				0.0201	
9/3/2015	27.4				0.0282	
9/9/2015	31.8				0.0227	
9/10/2015	19.1				0.0255	
AVERAGE	29.859	4.234	n/a	141.028	0.032	0.557
Std. Deviation	9.05	1.97		23.35		0.08
Lower Limit	11.76	0.29		94.33		0.40
Upper Limit	47.96	8.18		187.73		0.72
MRE(%)	85.82					
Sludge Removal Efficiency (%)	87.53					
MAX	45.000					

Constituent:	Lead					
1/2 PQL Used	Missing Data Point					
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
1/6/2009				7.09		
4/7/2009				7.75		
7/14/2009				10.3		
10/13/2009				9.73		
01/01/09	0.7700	0.0570				
02/01/09	0.9600	0.3430				
03/01/09	0.7500	0.2070				
04/01/09	0.2110	0.2110				
05/01/09	1.6000	0.1360				
06/01/09	1.3000	0.2220				
07/01/09	1.2100	0.1980				
08/01/09	0.9550	0.1975				
09/01/09	1.0300	0.0880				
10/01/09	1.2900	0.0910				
11/01/09	0.8100	0.1360				
12/01/09	0.990	0.020				
3/29/2010						0.6
3/30/2010						0.91
3/31/2010						0.72
4/5/2010						0.94
4/6/2010						0.74
4/7/2010						0.69
4/8/2010						0.89
1/12/2010				6.43		
4/6/2010				7.39		
7/13/2010				8.61		
12/6/2010				7.99		
2/7/2011				7.31		
4/11/2011				6.78		
7/11/2011				11.90		
11/1/2011				19.00		
1/31/2012				7.50		
4/10/2012				8.47		
7/17/2012				15.20		
10/15/2012				13.70		
1/15/2013				6.14		
4/9/2013				12.00		
7/8/2013				18.60		
10/8/2013				9.28		
1/9/2014				2.00		
4/1/2014				7.59		
7/22/2014				10.70		
10/20/2014				10.60		
1/6/2015				7.20		

Constituent:	Lead					
1/2 PQL Used	Missing Data Point					
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
4/9/2015				8.80		
Flow-weighted	1.59					
7/7/2008		0.0005				
6/16/2009		0.00022				
9/2/2009		0.00124				
5/19/2010		0.0005				
1/9/2011		0.8				
2/3/2011		0.72				
3/3/2011		0.59				
4/7/2011		1.27				
5/5/2011		0.832				
6/2/2011		0.77				
7/10/2011		0.976				
8/4/2011		0.6495				
9/8/2011		1.002				
10/7/2011		0.488				
11/3/2011		0.622				
12/8/2011		0.75				
1/12/2012		0.25				
2/2/2012		0.22				
3/1/2012		0.35				
4/5/2012		0.15				
5/3/2012		0.03				
7/8/2012		0.94				
8/2/2012		0.24				
9/3/2012		0.2				
10/4/2012		0.12				
11/1/2012		0.03				
12/6/2012		0.39				
1/3/2013		0.22				
2/7/2013		0.26				
3/7/2013		0.49				
4/4/2013		0.35				
5/2/2013		0.29				
6/6/2013		0.29				
7/1/2013		0.34				
8/1/2013		0.34				
9/3/2013		0.18				
10/3/2013		0.24				
11/7/2013		0.26				
12/3/2013		0.27				
1/2/2014		0.11				
2/6/2014		0.26				

Constituent:	Lead					
1/2 PQL Used	Missing Data Point					
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
3/6/2014		0.51				
4/3/2014		0.49				
5/8/2014		0.68				
6/5/2014		0.36				
7/1/2014		0.32				
8/4/2014		0.31				
9/2/2014		0.28				
10/2/2014		0.31				
11/4/2014		0.34				
12/4/2014		0.79				
1/5/2015		0.32				
2/2/2015		0.21				
3/3/2015		0.33				
4/2/2015		0.15				
6/22/2015					0.00352	
6/23/2015					0.00315	
6/24/2015						
6/25/2015					0.00228	
6/29/2015					0.00324	
6/30/2015					0.00216	
7/1/2015					0.00225	
7/9/2015				12.6		
8/25/2015	1.71				0.00161	
8/25/2015					0.00162	
8/27/2015	1.71				0.00285	
9/2/2015	1.11				0.0005	
9/3/2015	1.35				0.00143	
9/9/2015	1.99				0.0005	
9/10/2015	1				0.0022	
AVERAGE	1.176	0.352	n/a	9.654	0.002	0.784
Std. Deviation	0.38	0.28		3.79		0.13
Lower Limit	0.43	-0.21		2.08		0.53
Upper Limit	1.93	0.91		17.23		1.04
MRE(%)	70.04					
Sludge Removal Efficiency (%)	152.19					
MAX	1.600					

Constituent:	Mercury					
1/2 PQL Used	Negative or zero-value daily removal percentages removed					
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
1/10/2005	0.25	0.25				
1/11/2005	0.25	0.25		0.65		
1/12/2005	0.25	0.25				
4/5/2005				0.96		
7/12/2005				1.43		
8/2/2005	0.6	0.25				
8/3/2005	0.25	0.25	58.33333333			
10/10/2005				1.6		
8/15/2006	1	0.25				
8/16/2006	1.8	0.25	75			
8/17/2006	0.5	0.25	86.11111111			
11/2/2007	1.7	0.25				
1/6/2009				0.423		
4/7/2009				0.62		
7/14/2009				0.62		
10/13/2009				0.82		
3/29/2010						.25 U
3/30/2010						.25 U
3/31/2010						.25 U
4/5/2010						.25 U
4/6/2010						.25 U
4/7/2010						.25 U
4/8/2010						.25 U
1/12/2010				0.590		
4/6/2010				0.760		
7/13/2010				1.000		
12/6/2010				1.130		
2/7/2011				0.510		
4/11/2011				0.317		
7/11/2011				0.539		
11/1/2011				0.859		
1/31/2012				0.756		
4/10/2012				0.614		
7/17/2012				0.542		
10/15/2012				0.462		
1/15/2013				0.803		
4/9/2013				0.369		
7/8/2013				3.070		
10/8/2013				0.438		
1/9/2014				0.391		
4/1/2014				0.256		
7/22/2014				0.392		
10/20/2014				0.333		
1/6/2015				0.424		
4/9/2015				0.276		
Flow-weighted	0.16					
7/7/2008		0.000005				
6/16/2009		0.000005				
9/2/2009		0.000005				
5/19/2010		0.000005				

Constituent:	Molybdenum					
1/2 PQL Used	Negative or zero-value daily removal percentages removed					
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
1/11/2005				3.47		
3/8/2005	7.6	5.5				
3/9/2005	8.5	5.7	25	4.13		
3/10/2005	4.1	5.4	36.47	4.1		
4/4/2005						
4/5/2005				3.74		
7/12/2005				4.57		
8/2/2005	2.48	4.56				
8/3/2005	2.53	4.22				
10/10/2005				5.26		
8/15/2006	2.71	0.5				
8/16/2006	1.96	1.99	26.57			
8/17/2006	4.05	1.93	1.53			
11/2/2007	2.0	2.0				
1/6/2009				4.12		
4/7/2009				3.12		
7/14/2009				5.98		
10/13/2009				4.84		
3/29/2010						0.05
3/30/2010						0.05
3/31/2010						0.05
4/5/2010						0.12
4/6/2010						0.05
4/7/2010						0.05
4/8/2010						0.05
1/12/2010				3.95		
4/6/2010				3.91		
7/13/2010				5.47		
12/6/2010				4.31		
2/7/2011				5.19		
4/11/2011				6.46		
7/11/2011				7.18		
11/1/2011				9.67		
1/31/2012				9.91		
4/10/2012				11.6		
7/17/2012				15.9		
10/15/2012				8.18		
1/15/2013				6.5		
4/9/2013				13.9		
7/8/2013				7.52		

Constituent:	Nickel					
1/2 PQL Used						
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
1/10/2005	11.7	1.5				
1/11/2005	7.15	2.64	77.44	21.1		
1/12/2005	0.5	0.5	93.01			
4/5/2005				18.4		
7/12/2005				23.8		
8/2/2005	9.16	1.1				
8/3/2005	8.54	2.96	67.69			
10/10/2005				33.1		
8/15/2006	9.45	4.41				
8/16/2006	11.4	5.389	42.97			
8/17/2006	7.09	5.31	53.42			
1/6/2009				7.91		
4/7/2009				10.5		
7/14/2009				8.72		
10/13/2009				8.56		
3/29/2010						0.21
3/30/2010						0.21
3/31/2010						0.24
4/5/2010						0.2
4/6/2010						0.22
4/7/2010						0.21
4/8/2010						0.26
1/12/2010				6.41		
4/6/2010				7.12		
7/13/2010				7.75		
12/6/2010				6.78		
2/7/2011				7.41		
4/11/2011				8.31		
7/11/2011				14.1		
11/1/2011				10.6		
1/31/2012				9.06		
4/10/2012				7.52		
7/17/2012				10.9		
10/15/2012				11.5		
1/15/2013				8.71		
4/9/2013				8.87		
7/8/2013				11.6		
10/8/2013				9.84		
1/9/2014				8.52		
4/1/2014				8.14		
7/22/2014				17.7		
10/20/2014				9.27		
1/6/2015				8.65		

Constituent:	Nickel					
1/2 PQL Used						
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
4/9/2015				9.32		
Flow-weighted	3.71					
7/7/2008		0.00172				
6/16/2009		0.00126				
9/2/2009		0.0017				
5/19/2010		0.00138				
6/22/2015					0.00363	
6/23/2015					0.00364	
6/24/2015					0.0026	
6/25/2015					0.00261	
6/29/2015					0.00281	
6/30/2015					0.00285	
7/1/2015					0.00331	
7/9/2015				7.5375		
AVERAGE	7.633	1.985	66.905	11.216	0.003	0.221
Std. Deviation	3.61	2.11		5.93		0.021
Lower Limit	0.42	-2.23		-0.64		0.18
Upper Limit	14.84	6.20		23.07		0.26
MRE(%)	74.00					
Sludge Removal Efficiency (%)	27.23					
MAX	11.700					

Constituent:	Selenium					
1/2 PQL Used	Missing Data	Negative or zero-value daily removal percentages removed				
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
1/11/2005						
3/8/2005	2.3	0.5				
3/9/2005	0.5	0.5	78.26			
3/10/2005	0.5	1.1				
4/5/2005						
7/12/2005						
8/2/2005	2.37	0.5				
8/3/2005	2.01	0.5	78.90			
10/10/2005						
8/15/2006	2.46	2.47				
8/16/2006	0.5	2.93				
8/17/2006	3.26	3.28				
1/6/2009				4.46		
4/7/2009				10.1		
7/14/2009				5.73		
10/13/2009				7.35		
3/29/2010						0.15
3/30/2010						0.13
3/31/2010						0.05
4/5/2010						0.12
4/6/2010						0.05
4/7/2010						0.05
4/8/2010						0.05
1/12/2010				17.2		
4/6/2010				3.7		
7/13/2010				4.45		
12/6/2010				4.31		
2/7/2011				4.51		
4/11/2011				4.4		
7/11/2011				1		
11/1/2011				9.79		
1/31/2012				7.92		
4/10/2012				12.1		
7/17/2012				14.4		
10/15/2012				4.5		
1/15/2013				2.5		
4/9/2013				4.05		
7/8/2013				10		
10/8/2013				10.2		
1/9/2014				8.7		
4/1/2014				4.22		
7/22/2014				0.925		
10/20/2014				3.51		

Constituent:	Silver					
1/2 PQL Used	Negative or zero-value daily removal percentages removed					
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
1/10/2005	3.84	0.5				
1/11/2005	0.5	0.5	86.98			
1/12/2005	0.5	0.5				
4/5/2005						
7/12/2005						
8/2/2005	0.5	0.5				
8/3/2005	0.5	0.5				
10/10/2005						
8/15/2006	0.5	0.5				
8/16/2006	1	0.5				
8/17/2006	0.5	0.5	50			
11/2/2007	1	0.5				
1/6/2009				4.96		
4/7/2009				4.26		
7/14/2009				4.48		
10/13/2009				5.11		
3/29/2010						0.03
3/30/2010						0.03
3/31/2010						0.03
4/5/2010						0.03
4/6/2010						0.03
4/7/2010						0.03
4/8/2010						0.03
1/12/2010				5.28		
4/6/2010				4.16		
7/13/2010				5.50		
12/6/2010				4.64		
2/7/2011				4.40		
4/11/2011				5.08		
7/11/2011				4.37		
11/1/2011				4.05		
1/31/2012				2.59		
4/10/2012				17.10		
7/17/2012				6.85		
10/15/2012				3.27		
1/15/2013				2.50		
4/9/2013				3.53		
7/8/2013				4.71		
10/8/2013				4.22		
1/9/2014				7.38		
4/1/2014				2.81		
7/22/2014				4.41		

Constituent:	Silver					
1/2 PQL Used	Negative or zero-value daily removal percentages removed					
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
10/20/2014				3.47		
1/6/2015				2.63		
4/9/2015				3.89		
Flow-weighted	0.65					
7/7/2008		0.0005				
6/16/2009		0.0005				
9/2/2009		0.0005				
5/19/2010		0.0005				
6/22/2015					0.0005	
6/23/2015					0.00478	
6/24/2015					0.0005	
6/25/2015					0.0005	
6/29/2015					0.0005	
6/30/2015					0.00163	
7/1/2015					0.0005	
7/9/2015				5.365		
8/25/2015					0.0005	
8/25/2015	0.5				0.0005	
8/27/2015	0.5				0.0005	
9/2/2015	0.5				0.0005	
9/3/2015	0.5				0.0005	
9/9/2015	0.5				0.0005	
9/10/2015	0.5				0.0005	
AVERAGE	0.781	0.346	68.490	4.852	0.001	0.030
Std. Deviation	1.04	0.24		2.76		0.000
Lower Limit	-1.29	-0.13		-0.67		0.03
Upper Limit	2.85	0.83		10.38		0.03
MRE(%)	55.64					
Sludge Removal Efficiency (%)	115.20					
MAX	3.840					

Constituent:	Zinc					
1/2 PQL Used						
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
1/6/2009				406.0		
4/7/2009				390		
7/14/2009				500		
10/13/2009				548		
01/01/09	91.2	36.7				
02/01/09	72	44.7				
03/01/09	139	60.6				
04/01/09	164	68				
05/01/09	159	67				
06/01/09	185	76				
07/01/09	153	61.8				
08/01/09	162.5	77.3				
09/01/09	150	66.6				
10/01/09	173	38.5				
11/01/09	167	63.5				
12/01/09	146.0	60.5				
3/29/2010						63
3/30/2010						57.4
3/31/2010						57.5
4/5/2010						56.2
4/6/2010						59.4
4/7/2010						57.2
4/8/2010						59.6
1/12/2010				371		
4/6/2010				362		
7/13/2010				458		
12/6/2010				368		
2/7/2011				348		
4/11/2011				409		
7/11/2011				587		
11/1/2011				487		
1/31/2012				411		
4/10/2012				456		
7/17/2012				594		
10/15/2012				540		
1/15/2013				413		
4/9/2013				393		
7/8/2013				519		
10/8/2013				456		
1/9/2014				436		
4/1/2014				422		
7/22/2014				595		
10/20/2014				460		
1/6/2015				440		
4/9/2015				470		
Flow-weighted	115.91					
7/7/2008		0.0894				
6/16/2009		0.0534				
9/2/2009		0.0628				
5/19/2010		0.0707				
1/9/2011		64.3				
2/3/2011		69.8				
3/3/2011		60.9				

Constituent:	Zinc					
1/2 PQL Used						
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
4/7/2011		58.2				
5/5/2011		61.9				
6/2/2011		63.5				
7/10/2011		45.89				
8/4/2011		53.85				
9/8/2011		57.7				
10/7/2011		42.3				
11/3/2011		58.7				
12/8/2011		56.5				
1/12/2012		53				
2/2/2012		50.1				
3/1/2012		51.8				
4/5/2012		44.7				
5/3/2012		22.7				
6/5/2012		38.2				
7/8/2012		84.7				
8/2/2012		59.5				
9/3/2012		46.8				
10/4/2012		36				
11/1/2012		35.1				
12/6/2012		40.8				
1/3/2013		37.8				
2/7/2013		52.2				
3/7/2013		48.2				
4/4/2013		54.7				
5/2/2013		50.8				
6/6/2013		55.9				
7/1/2013		49.4				
8/1/2013		44.5				
9/3/2013		49.5				
10/3/2013		46.1				
11/7/2013		47.6				
12/3/2013		47.2				
1/2/2014		50.8				
2/6/2014		44.8				
3/6/2014		48				
4/3/2014		62.3				
5/8/2014		63.6				
6/5/2014		58.9				
7/1/2014		52.6				
8/4/2014		61.3				
9/2/2014		58.2				
10/2/2014		57.1				
11/4/2014		50.1				
12/4/2014		53				
1/5/2015		46.6				
2/2/2015		57.6				
3/3/2015		96.2				
4/2/2015		32.4				
6/22/2015					0.174	
6/23/2015					0.278	

Constituent:	Zinc					
1/2 PQL Used						
Sample Date	Influent (ug/L)	Effluent (ug/L)	Daily Removal (%)	Sludge (mg/kg)	Domestic (mg/L)	River (ug/L)
6/24/2015					0.223	
6/25/2015					0.362	
6/29/2015					0.151	
6/30/2015					0.146	
7/1/2015					0.155	
7/9/2015				572.5		
8/25/2015					0.131	
8/25/2015	104				0.142	
8/27/2015	353				0.132	
9/2/2015	120				0.0806	
9/3/2015	121				0.125	
9/9/2015	153				0.0846	
9/10/2015	78.4				0.125	
AVERAGE	147.737	50.821	n/a	459.685	0.165	58.614
Std. Deviation	32.82	17.59		72.75		2.29
Lower Limit	82.11	15.65		314.19		54.04
Upper Limit	213.37	85.99		605.18		63.19
MRE(%)	65.60					
Sludge Removal Efficiency (%)	57.66					
MAX	185.000	96.200				

Constituent:	NH3						
Sample Date	Influent (lbs/d)	Influent (mg/L)	Effluent (mg/L)	Sludge (mg/kg)	Daily Removal (%)		Domestic (mg/L)
1/5/2009	782.80908	35.5	0.0393				
1/6/2009	771.79611	29.5	0.0336	774	99.89	99.8892958	
1/12/2009	717.813792	34.4	0.0449		0.00		
1/13/2009	705.14283	34.3	0.04		99.87	99.8694767	
1/19/2009	714.79638	32.1	0.0338		0.00		
1/21/2009	676.245564	32.1	0.0338		0.00		
1/26/2009	727.13124	33	0.338		0.00		
1/27/2009	698.89617	34.7	0.0349		98.98	98.9757576	
2/2/2009	694.9305	33	0.0418		0.00		
2/3/2009	681.784992	33.6	0.0426		99.87	99.8733333	
2/9/2009	734.359518	34.9	0.048		0.00		
2/10/2009	732.905856	36.8	0.0382		99.86	99.8624642	
2/16/2009	758.74401	34.5	0.04533		0.00		
2/17/2009	689.789724	33.8	0.0366		99.87	99.8686087	
2/23/2009	755.97096	34.4	0.0415		0.00		
2/24/2009	696.343296	35.2	0.0393		99.88	99.8793605	
3/2/2009	757.850796	34.2	0.0343		0.00		
3/3/2009	742.963896	36.6	0.0372		99.90	99.8997076	
3/9/2009	712.29438	34.3	0.056		0.00		
3/10/2009	812.719656	37.8	0.0562		99.84	99.8367347	
3/16/2009	717.416808	33.2	0.058		0.00		
3/17/2009	729.703296	37.2	0.0468		99.83	99.8253012	
3/23/2009	685.537992	32.4	0.0444		0.00		
3/24/2009	671.756976	33.9	0.0435		99.86	99.862963	
3/30/2009	703.46232	35.5	0.0414		0.00		
3/31/2009	696.269904	35.8	0.0437		99.88	99.8833803	
4/6/2009	843.50343	35.5	0.041		0.00		
4/7/2009	729.333	37.5	0.0406	428	99.88	99.884507	
4/13/2009	753.86094	37	0.0446		0.00		
4/14/2009	735.040896	37.6	0.0423		99.88	99.8794595	
4/20/2009	754.993512	36.4	0.0391		0.00		
4/21/2009	681.958464	35.2	0.0437		99.89	99.8925824	
4/27/2009	639.875658	31.1	0.103		0.00		
4/28/2009	703.609938	36.1	0.0391		99.67	99.6688103	
5/4/2009	756.00432	36	0.0553		0.00		
5/5/2009	698.123052	36.3	0.0623		99.85	99.8463889	
5/11/2009	764.707944	36.4	0.0535		0.00		
5/12/2009	672.817824	34.3	0.0486		99.85	99.853022	
5/18/2009	753.3939	35	0.0649		0.00		
5/19/2009	693.5544	36	0.0694		99.81	99.8145714	
5/25/2009	699.746016	32.8	0.0899		0.00		
5/26/2009	717.996438	34.7	0.0646		99.73	99.7259146	
6/1/2009	706.66488	34.5	0.0883		0.00		
6/2/2009	712.8198	35	0.0633		99.74	99.744058	
6/8/2009	761.78811	35.5	0.0649		0.00		
6/9/2009	710.004216	35.8	0.0534		99.82	99.8171831	
6/15/2009	729.39555	34.5	0.0496		0.00		
6/16/2009	698.214792	35.9	0.046		99.86	99.8562319	
6/22/2009	778.02192	36.8	0.0719		0.00		
6/23/2009	693.98808	35.5	0.0762		99.80	99.8046196	
6/29/2009	792.009768	38.2	0.0621		0.00		
6/30/2009	692.608644	35.1	0.0532		99.84	99.8374346	
7/6/2009	589.060872	28.4	0.04		0.00		
7/7/2009	585.773244	29.4	0.05		99.86	99.8591549	
7/13/2009	721.10559	33.5	0.0763		0.00		
7/14/2009	741.939744	36.4	0.0868	602	99.77	99.7722388	
7/20/2009	754.790016	35.8	0.0746		0.00		
7/21/2009	701.96112	36	0.0662		99.79	99.7916201	
7/27/2009	741.7179	36.3	0.0527		0.00		
7/28/2009	696.06057	35.5	0.0517		99.85	99.8548209	
8/3/2009	594.4340671	35.4	0.0788		0.00		
8/4/2009	672.876204	33.8	0.0641		99.78	99.7774011	
8/10/2009	800.15211	38.3	0.0548		0.00		
8/11/2009	698.493348	35.7	0.0566		99.86	99.8569191	
8/17/2009	673.8646608	33.7	0.0541		0.00		
8/18/2009	683.719872	35.2	0.0508		99.84	99.8394659	

Constituent:	NH3						
Sample Date	Influent (lbs/d)	Influent (mg/L)	Effluent (mg/L)	Sludge (mg/kg)	Daily Removal (%)		Domestic (mg/L)
8/24/2009	758.970024	35.8	0.0571		0.00		
8/25/2009	668.35092	34	0.0468		99.84	99.8405028	
9/1/2009	660.1369374	33.9	0.0869		0.00		
9/3/2009	749.053764	36.9	0.0834		0.00		
9/7/2009	858.378654	35.7	0.0752		0.00		
9/8/2009	768.01392	36	0.076		99.79	99.7893557	
9/9/2009	709.43376	34.3	0.0693		99.79	99.7888889	
9/15/2009	731.58897	35.3	0.08575		0.00		
9/22/2009	684.657288	33.7	0.0531		0.00		
9/28/2009	702.521568	32.7	0.0623		0.00		
9/29/2009	749.786016	36.8	0.0556		99.81	99.8094801	
10/6/2009	753.162048	36.8	0.0516		0.00		
10/12/2009	716.159136	32.8	0.101		0.00		
10/13/2009				202	99.69	99.6920732	
10/19/2009	763.51032	36	0.0744		0.00		
10/20/2009	691.32345	35.5	0.0634		99.79	99.7933333	
10/26/2009	750.720096	32.9	0.0603		0.00		
10/27/2009	690.43524	35.5	0.0811		99.82	99.8167173	
11/2/2009	717.633648	33.3	0.0554		0.00		
11/3/2009	724.277292	36.2	0.048		99.83	99.8336336	
11/9/2009	748.983708	36.3	0.0466		0.00		
11/10/2009	770.162304	37.6	0.0482		99.87	99.8716253	
11/16/2009	728.5824	35	0.0391		0.00		
11/17/2009	725.564988	36.6	0.0368		99.89	99.8882857	
11/23/2009	746.803632	34.6	0.0582		0.00		
11/24/2009	708.861636	35.4	0.0649		99.83	99.8317919	
11/30/2009	727.18128	34.6	0.0814		0.00		
12/1/2009	738.9109229	35.6	0.0631		99.76	99.7647399	
12/7/2009	829.1547936	33.6	0.0359		0.00		
12/8/2009	850.60077	37	0.0318		99.89	99.8931548	
12/14/2009	792.7362654	35.3	0.0401		0.00		
12/15/2009	764.125812	36.1	0.0359		99.89	99.8864023	
12/28/2009	787.0186116	35.9	0.0348		0.00		
12/29/2009	782.1605616	37.4	0.0383		99.90	99.9030641	
1/12/2010				304	0.00		
4/6/2010				228	0.00		
7/13/2010				158	0.00		
12/6/2010				1480	0.00		
2/7/2011				4620	0.00		
4/11/2011				4830	0.00		
7/11/2011				2700	0.00		
11/1/2011				1920	0.00		
1/31/2012				1760	0.00		
4/10/2012				1470	0.00		
7/17/2012				2080	0.00		
10/15/2012				1440	0.00		
1/15/2013				5640	0.00		
4/9/2013				10700	0.00		
7/8/2013				4000	0.00		
10/8/2013				2870	0.00		
1/9/2014				1820	0.00		
4/1/2014				3830	0.00		
7/22/2014				2490	0.00		
10/20/2014				1850	0.00		
1/6/2015				1670	0.00		
4/9/2015				4660	0.00		
Flow-weighted		33.77885					
6/17/2013			0.0959				
5/20/2014			0.0508		0.00		
1/3/2011		30.8	1.19		0.00		
1/4/2011		30.4	1.74		96.14	96.1363636	
1/9/2011		38.3	0.857		0.00		
1/11/2011		41.1	0.0768		0.00		
1/17/2011		35.6	0.0672		0.00		
1/18/2011		36.3	0.0626		99.81	99.811236	
1/24/2011		35.8	0.0504		0.00		

Constituent:	NH3						
Sample Date	Influent (lbs/d)	Influent (mg/L)	Effluent (mg/L)	Sludge (mg/kg)	Daily Removal (%)		Domestic (mg/L)
1/25/2011		36.1	0.058		99.86	99.8592179	
1/31/2011		37.3	0.0689		0.00		
2/1/2011		37.3	0.0715		99.82	99.8152815	
2/7/2011		32.6	0.0729		0.00		
2/8/2011		32.8	0.0642		99.78	99.7763804	
2/14/2011		33.8	0.0459		0.00		
2/15/2011		33.6	0.044		99.86	99.8642012	
2/21/2011		38.9	0.107		0.00		
2/22/2011		38.9	0.0684		99.72	99.7249357	
2/28/2011		37.7	0.0661		0.00		
3/1/2011		37.8	0.0606		99.82	99.8246684	
3/7/2011		36.4	0.067		0.00		
3/8/2011		36.6	0.0629		99.82	99.8159341	
3/14/2011		35.3	0.0532		0.00		
3/15/2011		35.9	0.0567		99.85	99.8492918	
3/21/2011		32.3	0.0529		0.00		
3/22/2011		35.4	0.0518		99.84	99.8362229	
3/28/2011		31.2	0.0444		0.00		
3/29/2011		31.7	0.0489		99.86	99.8576923	
4/4/2011		36.3	0.0699		0.00		
4/5/2011		36.6	0.0645		99.81	99.807438	
4/11/2011		37	0.0616		0.00		
4/12/2011		34.3	0.0834		99.83	99.8335135	
4/18/2011		39.4	0.0711		0.00		
4/19/2011		37.4	0.0681		99.82	99.8195431	
4/25/2011		39.3	0.0661		0.00		
4/26/2011		35.7	0.0571		99.83	99.8318066	
5/2/2011		37.1	0.0642		0.00		
5/3/2011		37.2	0.0531		99.83	99.8269542	
5/9/2011		36.3	0.0496		0.00		
5/10/2011		38.4	0.0616		99.86	99.8633609	
5/16/2011		33.4	0.0539		0.00		
5/17/2011		34.8	0.055		99.84	99.8386228	
5/23/2011		34.8	0.0564		0.00		
5/24/2011		34.2	0.0583		99.84	99.837931	
5/30/2011		33.2	0.0517		0.00		
5/31/2011		33.8	0.0506		99.84	99.8442771	
6/6/2011		33.9	0.0743		0.00		
6/7/2011		36.05	0.0705		99.78	99.780826	
6/13/2011		37.7	0.0693		0.00		
6/14/2011		32.8	0.106		99.82	99.8161804	
6/20/2011		32.3	0.0728		0.00		
6/21/2011		32.2	0.0705		99.77	99.774613	
6/27/2011		33.2	0.0887		0.00		
6/28/2011		31.9	0.104		99.73	99.7328313	
7/4/2011		33.8	0.0948		0.00		
7/5/2011		31.2	0.0524		99.72	99.7195266	
7/10/2011		36.6	0.0602		0.00		
7/12/2011		35	0.0761		0.00		
7/14/2011		34.7	0.0788		0.00		
7/18/2011		34.8	0.0656		0.00		
7/19/2011		32.2	0.0607		99.81	99.8114943	
7/25/2011		33.4	0.0668		0.00		
7/26/2011		33.1	0.0755		99.80	99.8	
8/1/2011		35.4	0.0656		0.00		
8/2/2011		32.7	0.0678		99.81	99.8146893	
8/9/2011		35.7	0.0508		0.00		
8/11/2011		33.6	0.0354		0.00		
8/15/2011		34.2	0.0482		0.00		
8/16/2011		33.6	0.033		99.86	99.8590643	
8/21/2011		33.5	0.209		0.00		
8/23/2011		33.1	0.0322		0.00		
8/25/2011		33.3	0.0874		0.00		
8/29/2011		32.8	0.0634		0.00		
8/30/2011		32.6	0.0586		99.81	99.8067073	
9/5/2011		32.8	0.082		0.00		

Constituent:	NH3						
Sample Date	Influent (lbs/d)	Influent (mg/L)	Effluent (mg/L)	Sludge (mg/kg)	Daily Removal (%)		Domestic (mg/L)
9/6/2011		30.5	0.0811		99.75	99.75	
9/12/2011		33.6	0.0798		0.00		
9/13/2011		35.1	0.078		99.76	99.7625	
9/19/2011		34.3	0.0783		0.00		
9/20/2011		34.7	0.0774		99.77	99.7717201	
9/26/2011		35.7	0.0761		0.00		
9/27/2011		33.9	0.0764		99.79	99.7868347	
10/3/2011		35.1	0.072		0.00		
10/4/2011		36.1	0.059		99.79	99.7948718	
10/10/2011		33.5	0.0639		0.00		
10/11/2011		35.1	0.0731		99.81	99.8092537	
10/17/2011		35.4	0.0689		0.00		
10/18/2011		35	0.0833		99.81	99.8053672	
10/24/2011		35.6	0.0717		0.00		
10/25/2011		35.7	0.0842		99.80	99.7985955	
11/1/2011		33.1	0.118		0.00		
11/3/2011		36.9	0.102		0.00		
11/7/2011		35.8	0.0955		0.00		
11/8/2011		36.5	0.0949		99.73	99.7332402	
11/9/2011		37.1	0.0936		99.74	99.74	
11/14/2011		35.1	0.0928		0.00		
11/15/2011		36.9	0.0942		99.74	99.7356125	
11/21/2011		34.3			0.00		
11/22/2011		33.9	0.0989				
11/28/2011		34.2	0.109		0.00		
11/29/2011		35.2	0.192		99.68	99.6812865	
12/5/2011		35.4	0.0382		0.00		
12/6/2011		33.5			99.89	99.8920904	
12/12/2011		35.2	8.82		0.00		
12/13/2011		37.9	2.32		74.94	74.9431818	
12/19/2011		35.9	0.104		0.00		
12/20/2011		37.9	0.0882		99.71	99.7103064	
12/26/2011		39.1	0.0694		0.00		
12/28/2011		35	0.0639		0.00		
1/2/2012		37.1	0.0718		0.00		
1/3/2012		36.6	0.0681		99.81	99.806469	
1/8/2012		37.3	0.112		0.00		
1/10/2012		36.6	0.0813		0.00		
1/12/2012		38.8	0.0728		0.00		
1/16/2012		37.8	0.106		0.00		
1/17/2012		36.9	0.126		99.72	99.7195767	
1/23/2012		36.2	0.146		0.00		
1/24/2012		37.7	0.113		99.60	99.5966851	
1/30/2012		35.6	0.0985		0.00		
1/31/2012		35.9	0.0995		99.72	99.7233146	
2/6/2012		35.6	0.0389		0.00		
2/7/2012		36.9	0.0411		99.89	99.8907303	
2/13/2012		37.4	0.0373		0.00		
2/15/2012		36.8	0.0432		0.00		
2/16/2012		37.7	0.0362		99.88	99.8826087	
2/21/2012		36.2	0.0323		0.00		
2/27/2012		35.8	0.0281		0.00		
2/28/2012		37.7	0.0328		99.92	99.9215084	
3/5/2012		35.5	0.126		0.00		
3/6/2012		37.3	0.142		99.65	99.6450704	
3/12/2012		35.1	0.12		0.00		
3/13/2012		34.2	0.107		99.66	99.6581197	
3/19/2012		35.8	0.12		0.00		
3/20/2012		35.4	0.109		99.66	99.6648045	
3/26/2012		35.3	0.122		0.00		
3/27/2012		36.2	0.118		99.65	99.6543909	
4/2/2012		37.8	0.0485		0.00		
4/3/2012		38	0.053		99.87	99.8716931	
4/5/2012		41.6	0.0515		0.00		
4/9/2012		38.6	0.0562		0.00		
4/10/2012		37	0.0521		99.85	99.8544041	

Constituent:	NH3						
Sample Date	Influent (lbs/d)	Influent (mg/L)	Effluent (mg/L)	Sludge (mg/kg)	Daily Removal (%)		Domestic (mg/L)
4/16/2012		34.4	0.0532		0.00		
4/17/2012		37.1	0.63		99.85	99.8453488	
4/23/2012		35.1	0.237		0.00		
4/24/2012		36.7	0.107		99.32	99.3247863	
5/1/2012		38.4	0.0831		0.00		
5/3/2012		38.1	0.0919		0.00		
5/7/2012		35.2	0.112		0.00		
5/8/2012		39.3	0.105		99.68	99.6818182	
5/14/2012		37.9	0.583		0.00		
5/15/2012		36.9	0.508		98.46	98.4617414	
5/21/2012		34.1	0.0557		0.00		
5/23/2012		36.2	0.0443		0.00		
5/29/2012		34.9	0.0245		0.00		
6/4/2012		38	0.0839		0.00		
6/5/2012		38.9	0.0726		99.78	99.7792105	
6/11/2012		36.1	0.0648		0.00		
6/12/2012		37.4	0.071		99.82	99.8204986	
6/18/2012		38.1	0.0769		0.00		
6/19/2012		36.8	0.0701		99.80	99.7981627	
6/25/2012		36.9	0.0843		0.00		
6/26/2012		36.5	0.1		99.77	99.7715447	
7/2/2012		31.8	0.135		0.00		
7/4/2012		35.3	0.186		0.00		
7/5/2012		34.9	0.276		99.47	99.4730878	
7/8/2012		33.5	0.521		0.00		
7/10/2012		32.4	0.746		0.00		
7/12/2012		34.4	0.572		0.00		
7/16/2012		33.5	0.664		0.00		
7/17/2012		34.1	0.809		98.02	98.0179104	
7/23/2012		40	0.33		0.00		
7/24/2012		38	0.18		99.18	99.175	
7/30/2012		35	0.12		0.00		
7/31/2012		33	0.12		99.66	99.6571429	
8/6/2012		34	0.14		0.00		
8/7/2012		34	0.12		99.59	99.5882353	
8/13/2012		35	0.15		0.00		
8/14/2012		33	0.17		99.57	99.5714286	
8/21/2012		34	0.11		0.00		
8/23/2012		33	0.13		0.00		
8/27/2012		33	0.13		0.00		
8/28/2012		32	0.12		99.61	99.6060606	
9/3/2012		37.2	0.057		0.00		
9/4/2012		35.79	0.062		99.85	99.8467742	
9/10/2012		41.71	0.075		0.00		
9/11/2012		39.14	0.06		99.82	99.820187	
9/17/2012		39.96	0.053		0.00		
9/18/2012		38.52	0.05		99.87	99.8673674	
9/24/2012		34.56	0.05		0.00		
9/25/2012		35.7	0.05		99.86	99.8553241	
10/1/2012		33.5	0.103		0.00		
10/4/2012		40.6	0.09		0.00		
10/8/2012		37.6	0.083		0.00		
10/9/2012		39.1	0.086		99.78	99.7792553	
10/15/2012		38.9	0.088		0.00		
10/16/2012		40.8	0.071		99.77	99.7737789	
10/22/2012		40.3	0.08		0.00		
10/23/2012		42.2	0.087		99.80	99.8014888	
10/29/2012		35.4	0.065		0.00		
10/30/2012		37.9	0.071		99.82	99.8163842	
11/5/2012		31.5	0.036		0.00		
11/6/2012		33.2	0.041		99.89	99.8857143	
11/12/2012		32.5	0.034		0.00		
11/13/2012		35.1	0.03		99.90	99.8953846	
11/19/2012		34.4	0.036		0.00		
11/20/2012		35.1	0.034		99.90	99.8953488	
11/26/2012		38.1	0.032		0.00		

Constituent:	NH3						
Sample Date	Influent (lbs/d)	Influent (mg/L)	Effluent (mg/L)	Sludge (mg/kg)	Daily Removal (%)		Domestic (mg/L)
11/27/2012		41.2	0.03		99.92	99.9160105	
12/6/2012		37.9	0.052		0.00		
12/10/2012		40.2	0.054		0.00		
12/11/2012		41.5	0.054		99.87	99.8656716	
12/17/2012		41	0.057		0.00		
12/18/2012		43.4	0.054		99.86	99.8609756	
12/25/2012		46	0.068		0.00		
12/26/2012		46.9	0.071		99.85	99.8521739	
1/1/2013		34.4	0.114		0.00		
1/3/2013		35.2	0.0966		0.00		
1/7/2013		34.5	0.066		0.00		
1/8/2013		39.2	0.071		99.81	99.8086957	
1/14/2013		39.4	0.063		0.00		
1/15/2013		43.9	0.069		99.84	99.8401015	
1/22/2013		42.7	0.068		0.00		
1/24/2013		37.7	0.071		0.00		
1/28/2013		39.4	0.074		0.00		
1/29/2013		41.1	0.087		99.81	99.8121827	
2/4/2013		33.2	0.156		0.00		
2/5/2013		34.2	0.114		99.53	99.5301205	
2/11/2013		33.1	0.152		0.00		
2/12/2013		34	0.162		99.54	99.5407855	
2/18/2013		33.8	0.251		0.00		
2/19/2013		35.2	0.143		99.26	99.2573964	
2/25/2013		34.8	0.17		0.00		
2/26/2013		36.7	0.175		99.51	99.5114943	
3/4/2013		34.5	0.104		0.00		
3/5/2013		35.9	0.096		99.70	99.6985507	
3/11/2013		38.1	0.427		0.00		
3/12/2013		37.1	0.049		98.88	98.8792651	
3/18/2013		41.3	0.062		0.00		
3/19/2013		43.8	0.054		99.85	99.8498789	
3/25/2013		35.9	0.073		0.00		
3/26/2013		38.4	0.089		99.80	99.7966574	
4/1/2013		39	0.08		0.00		
4/2/2013		38.4	0.08		99.79	99.7948718	
4/8/2013		42.3	0.09		0.00		
4/9/2013		42.3	0.08		99.79	99.787234	
4/15/2013		59.5	0.09		0.00		
4/16/2013		53.4	0.09		99.85	99.8487395	
4/22/2013		41	0.04		0.00		
4/23/2013		40.4	0.04		99.90	99.902439	
4/29/2013		38.4	0.07		0.00		
4/30/2013		36.5	0.06		99.82	99.8177083	
5/6/2013		34.8	0.0655		0.00		
5/7/2013		37.3	0.0729		99.81	99.8117816	
5/13/2013		45.5	0.12		0.00		
5/14/2013		49.8	0.125		99.74	99.7362637	
5/20/2013		50.9	0.0605		0.00		
5/21/2013		59.4	0.0577		99.88	99.8811395	
5/27/2013		65.3	0.0665		0.00		
5/28/2013		64	0.082		99.90	99.8981623	
6/3/2013		44.2	0.1		0.00		
6/4/2013		63.1	0.0705		99.77	99.7737557	
6/10/2013		38.3	0.0678		0.00		
6/11/2013		37.7	0.12		99.82	99.8229765	
6/17/2013		37.3	0.146		0.00		
6/18/2013		37.3	0.115		99.61	99.6085791	
6/24/2013		41.3	0.0828		0.00		
6/25/2013		35.4	0.0665		99.80	99.7995157	
7/1/2013		32.4	0.0658		0.00		
7/2/2013		31.6	0.0604		99.80	99.7969136	
7/8/2013		34.5	0.0461		0.00		
7/9/2013		35.6	0.0555		99.87	99.8663768	
7/15/2013		37.2	0.0875		0.00		
7/16/2013		33.8	0.0672		99.76	99.7647849	

Constituent:	NH3						
Sample Date	Influent (lbs/d)	Influent (mg/L)	Effluent (mg/L)	Sludge (mg/kg)	Daily Removal (%)		Domestic (mg/L)
7/22/2013		36.1	0.0626		0.00		
7/23/2013		33	0.0487		99.83	99.8265928	
7/29/2013		40.1	0.0439		0.00		
7/30/2013		43.4	0.0402		99.89	99.8905237	
8/5/2013		41.3	0.054		0.00		
8/6/2013		36.9	0.0502		99.87	99.8692494	
8/12/2013		38	0.0574		0.00		
8/13/2013		35.4	0.0485		99.85	99.8489474	
8/19/2013		46.4	0.0601		0.00		
8/20/2013		38.2	0.0509		99.87	99.8704741	
8/26/2013		41.4	0.0459		0.00		
8/27/2013		45.9	0.0465		99.89	99.8891304	
9/2/2013		39.8	0.048		0.00		
9/3/2013		39.4	0.0392		99.88	99.879397	
9/9/2013		38.4	0.0335		0.00		
9/10/2013		37.4	0.0327		99.91	99.9127604	
9/16/2013		42.3	0.0367		0.00		
9/17/2013		42.2	0.0382		99.91	99.9132388	
9/23/2013		41.7	0.0355		0.00		
9/24/2013		46.5	0.0369		99.91	99.9148681	
10/1/2013		37.3	0.0485		0.00		
10/3/2013		48	0.0542		0.00		
10/7/2013		48.7	0.0774		0.00		
10/8/2013		43	0.0601		99.84	99.8410678	
10/14/2013		44.8	0.0704		0.00		
10/15/2013		59.2	0.0725		99.84	99.8428571	
10/21/2013		44.3	0.0556		0.00		
10/22/2013		51.7	0.0514		99.87	99.8744921	
10/28/2013		47.4	0.0555		0.00		
10/29/2013		41.9	0.0417		99.88	99.8829114	
11/4/2013		34.9	0.0383		0.00		
11/5/2013		33.6	0.0352		99.89	99.8902579	
11/11/2013		34.5	0.066		0.00		
11/12/2013		32	0.0735		99.81	99.8086957	
11/18/2013		38.5	0.076		0.00		
11/19/2013		42.9	0.107		99.80	99.8025974	
11/25/2013		31.2	0.11		0.00		
11/26/2013		29.7	0.184		99.65	99.6474359	
12/2/2013		39.7	0.139		0.00		
12/3/2013		36.9	0.115		99.65	99.6498741	
12/9/2013		42.2	0.127		0.00		
12/10/2013		36.8	0.114		99.70	99.6990521	
12/16/2013		43.8	0.124		0.00		
12/17/2013		42	0.131		99.72	99.716895	
12/23/2013		39	0.229		0.00		
12/24/2013		37.3	0.389		99.41	99.4128205	
12/30/2013		34.9	0.323		0.00		
12/31/2013		35.5	0.319		99.07	99.0744986	
1/6/2014		37.9	0.101		0.00		
1/7/2014		42.2	0.0504		99.73	99.7335092	
1/13/2014		41.7	0.0413		0.00		
1/14/2014		40.1	0.049		99.90	99.9009592	
1/21/2014		27.9	0.065		0.00		
1/22/2014		37.5	0.0752		99.77	99.7670251	
1/27/2014		34.7	0.0901		0.00		
1/28/2014		36.6	0.0823		99.74	99.7403458	
2/3/2014		41.4	0.0735		0.00		
2/4/2014		42.6	0.0742		99.82	99.8224638	
2/10/2014		41.2	0.0877		0.00		
2/12/2014		33	0.115		0.00		
2/17/2014		38.7	0.133		0.00		
2/18/2014		55.3	0.117		99.66	99.6563307	
2/24/2014		66.9	0.151		0.00		
2/25/2014		83.1	0.0998		99.77	99.77429	
3/3/2014		46.2	0.438		0.00		
3/4/2014		48.1	0.147		99.05	99.0519481	

Constituent:	NH3					
Sample Date	Influent (lbs/d)	Influent (mg/L)	Effluent (mg/L)	Sludge (mg/kg)	Daily Removal (%)	Domestic (mg/L)
3/10/2014		46.1	0.14		0.00	
3/13/2014		45.8	0.159		0.00	
3/17/2014		45	0.146		0.00	
3/18/2014		49.2	0.178		99.68	99.6755556
3/24/2014		51.2	0.264		0.00	
3/25/2014		49.2	0.16		99.48	99.484375
4/1/2014		32.3	0.101		0.00	
4/3/2014		31.4	0.0994		0.00	
4/7/2014		31.8	0.0959		0.00	
4/8/2014		37.5	0.117		99.70	99.6984277
4/14/2014		30.4	0.0982		0.00	
4/15/2014		41.9	0.106		99.68	99.6769737
4/21/2014		39.3	0.0794		0.00	
4/22/2014		39.4	0.0826		99.80	99.7979644
4/28/2014		47	0.0864		0.00	
4/29/2014		39.8	0.104		99.82	99.8161702
5/5/2014		38.7	0.108		0.00	
5/6/2014		46.2	0.13		99.72	99.7209302
5/12/2014		38.3	0.143		0.00	
5/13/2014		41	0.169		99.63	99.6266319
5/19/2014		41.6	0.194		0.00	
5/20/2014		41.9	0.276		99.53	99.5336538
5/26/2014		38.5	0.245		0.00	
5/27/2014		39.1	0.178		99.36	99.3636364
6/2/2014		32.6	0.114		0.00	
6/3/2014		34.9	0.102		99.65	99.6503067
6/9/2014		34.1	0.107		0.00	
6/10/2014		35.4	0.103		99.69	99.686217
6/16/2014		42.2	0.0872		0.00	
6/17/2014		35.5	0.0985		99.79	99.7933649
6/23/2014		38.1	0.132		0.00	
6/24/2014		32.2	0.116		99.65	99.6535433
7/1/2014		40.2	0.101		0.00	
7/3/2014		39.4	0.1		0.00	
7/7/2014		39.8	0.0945		0.00	
7/8/2014		48.5	0.0872		99.76	99.7625628
7/14/2014		53.8	0.0762		0.00	
7/15/2014		54.7	0.0639		99.86	99.8583643
7/21/2014		37.6	0.0982		0.00	
7/22/2014		37.8	0.0866		99.74	99.7388298
7/28/2014		37.8	0.0915		0.00	
7/29/2014		44.4	0.104		99.76	99.7579365
8/4/2014		41.8	0.099		0.00	
8/11/2014		39.8	0.078		0.00	
8/12/2014		37.5	0.08		99.80	99.8040201
8/18/2014		38.4	0.062		0.00	
8/19/2014		37.5	0.067		99.84	99.8385417
8/25/2014		35.6	0.067		0.00	
8/26/2014		38.9	0.086		99.81	99.8117978
9/1/2014		39.1	0.113		0.00	
9/2/2014		37.9	0.105		99.71	99.7109974
9/8/2014		38.5	0.098		0.00	
9/11/2014		39.1	0.098		0.00	
9/15/2014		37.9	0.086		0.00	
9/16/2014		36.8	0.073		99.77	99.7730871
9/22/2014		37.6	0.084		0.00	
9/23/2014		37.7	0.083		99.78	99.7765957
9/29/2014		38.2	0.094		0.00	
9/30/2014		37.5	0.089		99.75	99.7539267
10/6/2014		46.5	0.135		0.00	
10/7/2014		42.2	0.14		99.71	99.7096774
10/13/2014		39.4	0.137		0.00	
10/14/2014		39.6	0.104		99.65	99.6522843
10/20/2014		38.4	0.107		0.00	
10/21/2014		40.5	0.104		99.72	99.7213542
10/27/2014		38.9	0.099		0.00	

Constituent:	CBOD				
Sample Date	Influent (lbs/d)	Influent (mg/L)	Effluent (mg/L)	Daily Removal (%)	
1/3/2013		261	4		
2/7/2013		232	3	98.71	98.71
3/7/2013		225	4	98.22	98.22
4/4/2013		245	4	98.37	98.37
5/14/2013		209	3	98.56	98.56
6/6/2013		211	3	98.58	98.58
7/4/2013		231	4	98.27	98.27
8/1/2013		180	2	98.89	98.89
9/4/2013		182	2	98.90	98.90
10/3/2013		258	2	99.22	99.22
11/7/2013		220	4	98.18	98.18
12/5/2013		231	5	97.84	97.84
1/2/2014		261	5	98.08	98.08
2/6/2014		203	5	97.54	97.54
3/6/2014		207	6	97.10	97.10
4/3/2014		245	5	97.96	97.96
5/8/2014		242	4	98.35	98.35

Constituent:	Total Suspended Solids					
	Sample Date	Influent (lbs/d)	Influent (mg/L)	Effluent (mg/L)	Daily Removal (%)	Domestic (mg/L)
1/1/2009	5707.41228	261	5			
1/6/2009	6566.80758	251	6	0.00		
1/8/2009	4161.35142	177	6	0.00		
1/13/2009	4214.4105	205	4	0.00		
1/15/2009	4995.6183	243	5	0.00		
1/20/2009	5245.64316	249	4	0.00		
1/22/2009	5162.52672	256	5	0.00		
1/27/2009	4592.1708	228	4	0.00		
1/29/2009	4819.3941	235	5	0.00		
2/3/2009	5356.88208	264	5	0.00		
2/5/2009	6135.9882	295	8	0.00		
2/10/2009	4959.06408	249	4	0.00		
2/12/2009	4915.72944	246	5	0.00		
2/17/2009	5632.60248	276	6	0.00		
2/19/2009	4689.999	230	7	0.00		
2/24/2009	5400.61704	273	4	0.00		
2/26/2009	4443.81054	221	4	0.00		
3/3/2009	5298.18516	261	6	0.00		
3/5/2009	4154.571	205	9	0.00		
3/10/2009	5117.12376	238	5	0.00		
3/12/2009	5200.1985	245	5	0.00		
3/17/2009	4335.06528	221	4	0.00		
3/19/2009	3653.0868	181	5	0.00		
3/24/2009	4518.01152	228	3	0.00		
3/26/2009	4471.45764	221	4	0.00		
3/31/2009	4045.36704	208	3	0.00		
4/2/2009	4382.70336	224	4	0.00		
4/7/2009	4414.89576	227	4	0.00		
4/9/2009	4389.79236	226	7	0.00		
4/14/2009	4496.2608	230	5	0.00		
4/16/2009	4250.17242	219	6	0.00		
4/21/2009	4804.70736	248	4	0.00		
4/23/2009	4537.377	234	5	0.00		
4/28/2009	5535.32472	284	6	0.00		
4/30/2009	4807.99332	247	7	0.00		
5/5/2009	6596.58972	343	5	0.00		
5/7/2009	4957.02912	251	5	0.00		
5/12/2009	4884.30432	249	5	0.00		
5/14/2009	4807.6347	235	5	0.00		
5/19/2009	5278.7196	274	6	0.00		
5/21/2009	4368.71718	223	6	0.00		
5/26/2009	13097.74482	633	7	0.00		
5/28/2009	4599.60174	233	7	0.00		
6/2/2009	4928.63976	242	6	0.00		
6/4/2009	5525.95056	277	6	0.00		
6/9/2009	5116.79016	258	5	0.00		
6/11/2009	4334.39808	218	8	0.00		
6/16/2009	5115.05544	263	5	0.00		
6/18/2009	5508.987	275	5	0.00		
6/23/2009	5884.23696	301	7	0.00		
6/25/2009	4316.63388	221	8	0.00		
6/30/2009	4794.98292	243	5	0.00		
7/2/2009	5364.31302	267	3	0.00		
7/7/2009	4722.04962	237	3	0.00		
7/9/2009	5098.89252	254	4	0.00		
7/14/2009	5483.01624	269	4	0.00		
7/16/2009	4844.6643	245	4	0.00		
7/21/2009	4894.22892	251	4	0.00		
7/23/2009	6297.60072	311	3	0.00		
7/28/2009	4450.86618	227	5	0.00		

7/30/2009	4251.29832	214	4	0.00		
8/4/2009	4479.2055	225	5	0.00		
8/6/2009	5353.1124	268	7	0.00		
8/11/2009	4734.88488	242	3	0.00		
8/13/2009	5490.639	266	4	0.00		
8/18/2009	4409.21622	227	4	0.00		
8/20/2009	4897.35642	253	4	0.00		
8/25/2009	4285.30884	218	5	0.00		
8/27/2009	4938.84792	244	4	0.00		
9/1/2009	4861.8864	240	5	0.00		
9/3/2009	4495.39344	222	3	0.00		
9/8/2009	5013.4242	235	3	0.00		
9/9/2009	4881.2352	236	3	98.72	98.72340426	
9/15/2009	5077.6005	245	3	0.00		
9/17/2009	5326.70796	259	3	0.00		
9/22/2009	4611.78648	227	5	0.00		
9/24/2009	4860.41022	237	4	0.00		
9/29/2009	4828.78494	237	6	0.00		
10/1/2009	4794.63264	236	7	0.00		
10/6/2009	5771.51352	282	3	0.00		
10/8/2009	4269.3294	206	6	0.00		
10/13/2009	4851.14448	238	4	0.00		
10/15/2009	4420.0332	219	3	0.00		
10/20/2009	4829.5272	248	5	0.00		
10/22/2009	4727.97936	237	7	0.00		
10/27/2009	3889.776	200	5	0.00		
10/29/2009	4517.2776	220	4	0.00		
11/3/2009	6922.65036	346	5	0.00		
11/5/2009	4768.4367	235	4	0.00		
11/10/2009	5161.72608	252	5	0.00		
11/12/2009	5040.05382	249	6	0.00		
11/17/2009	4817.27574	243	5	0.00		
11/19/2009	4745.06802	231	5	0.00		
11/24/2009	5326.47444	266	5	0.00		
11/26/2009	6234.55866	297	6	0.00		
12/1/2009	4993.1163	239	5	0.00		
12/3/2009	6458.11236	309	5	0.00		
12/8/2009	4452.33402	207	5	0.00		
12/10/2009	4828.09272	223	3	0.00		
12/15/2009	4488.1293	215	3.5	0.00		
12/17/2009	6690.9318	314	3	0.00		
12/22/2009	4791.98052	233	3	0.00		
12/23/2009	4833.864	225	3	98.71	98.71244635	
12/29/2009	4434.3363	215	4	0.00		
12/30/2009	5017.44408	242	4	98.14	98.13953488	
Flow-weighted		186				
1/4/2011		229	9			
1/6/2011		251	9	0.00		
1/9/2011		281	8	0.00		
1/11/2011		239	8	0.00		
1/12/2011		243	10	96.65	96.65271967	
1/13/2011		305	11	95.88	95.88477366	
1/18/2011		285	10	0.00		
1/20/2011		261	12	0.00		
1/25/2011		263	13	0.00		
1/27/2011		237	15	0.00		
2/1/2011		288	24	0.00		
2/3/2011		226	20	0.00		
2/8/2011		230	16	0.00		
2/10/2011		246	15	0.00		
2/16/2011		329	11	0.00		
2/17/2011		272	8	96.66	96.65653495	
2/22/2011		244	11	0.00		

2/24/2011		251	11	0.00		
3/1/2011		250	10	0.00		
3/3/2011		247	7	0.00		
3/8/2011		247	8	0.00		
3/10/2011		253	9	0.00		
3/15/2011		251	8	0.00		
3/17/2011		260	9	0.00		
3/22/2011		244	7	0.00		
3/24/2011		252	7	0.00		
3/29/2011		284	7	0.00		
3/31/2011		303	6	0.00		
4/5/2011		248	6	0.00		
4/7/2011		239	5	0.00		
4/12/2011		291	6	0.00		
4/14/2011		273	8	0.00		
4/19/2011		266	6	0.00		
4/21/2011		255	7	0.00		
4/26/2011		218	7	0.00		
4/28/2011		237	6	0.00		
5/3/2011		235	6	0.00		
5/5/2011		265	4	0.00		
5/10/2011		240	5	0.00		
5/12/2011		264	6	0.00		
5/17/2011		220	5	0.00		
5/19/2011		239	5	0.00		
5/24/2011		246	6	0.00		
5/26/2011		255	7	0.00		
5/31/2011		235	7	0.00		
6/2/2011		256	6	0.00		
6/7/2011		261	5	0.00		
6/9/2011		261	6	0.00		
6/14/2011		279	7	0.00		
6/16/2011		250	5	0.00		
6/21/2011		252	7	0.00		
6/23/2011		262	5	0.00		
6/29/2011		235	8	0.00		
6/30/2011		258	11	96.60	96.59574468	
7/5/2011		237	4	0.00		
7/7/2011		231	2	0.00		
7/12/2011		228	2	0.00		
7/14/2011		262	2	0.00		
7/19/2011		323	3	0.00		
7/21/2011		253	2	0.00		
7/26/2011		241	3	0.00		
7/28/2011		251	4	0.00		
8/2/2011		245	5	0.00		
8/4/2011		276	5	0.00		
8/9/2011		223	4	0.00		
8/11/2011		264	6	0.00		
8/16/2011		260	5	0.00		
8/18/2011		245	5	0.00		
8/23/2011		249	4	0.00		
8/25/2011		288	6	0.00		
8/30/2011		249	4	0.00		
8/31/2011		263	5	98.39	98.3935743	
9/1/2011		242	4	98.10	98.09885932	
9/6/2011		262	6	0.00		
9/8/2011		242	2	0.00		
9/13/2011		254	5	0.00		
9/15/2011		290	5	0.00		
9/20/2011		267	4	0.00		
9/22/2011		309	3	0.00		
9/27/2011		273	2	0.00		

9/29/2011			3	0.00		
10/4/2011		241	5	0.00		
10/6/2011		228	5	0.00		
10/11/2011		218	4	0.00		
10/13/2011		249	4	0.00		
10/18/2011		239	4	0.00		
10/20/2011		260	4	0.00		
10/25/2011		224	5	0.00		
10/27/2011		238	7	0.00		
11/1/2011		236	8	0.00		
11/3/2011		286	7	0.00		
11/8/2011		230	5	0.00		
11/9/2011		257	5	97.83	97.82608696	
11/15/2011		245	5	0.00		
11/17/2011		238	4	0.00		
11/22/2011		220	4	0.00		
11/24/2011		303	5	0.00		
11/29/2011		227	5	0.00		
12/1/2011		250	4	0.00		
12/6/2011		262	6	0.00		
12/8/2011		297	17	0.00		
12/13/2011		227	6	0.00		
12/15/2011		235	11	0.00		
12/21/2011		269	5	0.00		
12/22/2011		220	5	98.14	98.14126394	
12/28/2011		296	6	0.00		
12/29/2011		269	7	97.97	97.97297297	
1/3/2012		290	8	0.00		
1/5/2012		287	6	0.00		
1/11/2012		267	5	0.00		
1/12/2012		303	4	98.13	98.12734082	
1/17/2012		284	4	0.00		
1/19/2012		303	5	0.00		
1/24/2012		282	6	0.00		
1/26/2012		268	5	0.00		
1/31/2012		283	5	0.00		
2/2/2012		283	4	0.00		
2/7/2012		272	4	0.00		
2/9/2012		221	5	0.00		
2/15/2012		261	5	0.00		
2/16/2012		246	5	98.08	98.08429119	
2/21/2012		284	4	0.00		
2/23/2012		236	4	0.00		
2/28/2012		301	5	0.00		
3/1/2012		233	5	0.00		
3/6/2012		220	4	0.00		
3/8/2012		269	7	0.00		
3/13/2012		243	4	0.00		
3/15/2012		270	4	0.00		
3/20/2012		271	5	0.00		
3/22/2012		242	4	0.00		
3/27/2012		247	4	0.00		
3/29/2012		257	4	0.00		
4/3/2012		236	6	0.00		
4/5/2012		264	5	0.00		
4/10/2012		406	5	0.00		
4/12/2012		267	6	0.00		
4/17/2012		239	8	0.00		
4/19/2012		263	9	0.00		
4/24/2012		256	10	0.00		
4/26/2012		260	9	0.00		
5/1/2012		289	11	0.00		
5/3/2012		301	9	0.00		

5/8/2012		268	4	0.00		
5/10/2012		281	6	0.00		
5/15/2012		290	5	0.00		
5/17/2012		309	6	0.00		
5/23/2012		276	7	0.00		
5/24/2012		269	7	97.46	97.46376812	
5/29/2012		266	6	0.00		
5/31/2012		335	4	0.00		
6/5/2012		288	4	0.00		
6/7/2012		261	4	0.00		
6/12/2012		306	6	0.00		
6/14/2012		254	6	0.00		
6/19/2012		307	8	0.00		
6/21/2012		276	9	0.00		
6/26/2012		208	10	0.00		
6/27/2012		239	12	95.19	95.19230769	
7/4/2012		263	14	0.00		
7/5/2012		251	10	94.68	94.67680608	
7/8/2012		265	8	0.00		
7/10/2012		317	8	0.00		
7/12/2012		285	5	0.00		
7/17/2012		227	4	0.00		
7/19/2012		251	5	0.00		
7/24/2012		262	7	0.00		
7/26/2012		262	5	0.00		
7/31/2012		291	5	0.00		
8/2/2012		303	3	0.00		
8/7/2012		244	3	0.00		
8/9/2012		279	2	0.00		
8/14/2012		245	4	0.00		
8/16/2012		266	4	0.00		
8/21/2012		241	2	0.00		
8/23/2012		232	2	0.00		
8/29/2012		258	2	0.00		
8/30/2012		207	2	99.22	99.2248062	
9/4/2012		231	2	0.00		
9/5/2012		236	2	99.13	99.13419913	
9/11/2012		233	3	0.00		
9/13/2012		260	2	0.00		
9/18/2012		238	2	0.00		
9/20/2012		252	3	0.00		
9/25/2012		232	2	0.00		
9/27/2012		262	3	0.00		
10/2/2012		267	3	0.00		
10/4/2012		241	2	0.00		
10/9/2012		194	5	0.00		
10/11/2012		246	3	0.00		
10/16/2012		251	4	0.00		
10/18/2012		227	3	0.00		
10/23/2012		241	3	0.00		
10/25/2012		225	2	0.00		
10/29/2012		276	4	0.00		
10/30/2012		234	2	98.55	98.55072464	
11/6/2012		240	2	0.00		
11/8/2012		230	3	0.00		
11/13/2012		239	3	0.00		
11/14/2012		258	3	98.74	98.74476987	
11/20/2012		250	2	0.00		
11/22/2012		290	2	0.00		
11/27/2012		294	2	0.00		
11/29/2012		265	3	0.00		
12/4/2012		272	3	0.00		
12/6/2012		271	2	0.00		

12/11/2012		284	2	0.00		
12/13/2012		243	2	0.00		
12/18/2012		294	3	0.00		
12/20/2012		238	4	0.00		
12/25/2012		297	4	0.00		
12/27/2012		265	3	0.00		
1/1/2013		354	5	0.00		
1/3/2013		304	4	0.00		
1/8/2013		245	6	0.00		
1/10/2013		240	4	0.00		
1/15/2013		230	5	0.00		
1/17/2013		228	6	0.00		
1/22/2013		281	6	0.00		
1/24/2013		261	5	0.00		
1/29/2013		236	6	0.00		
1/31/2013		255	8	0.00		
2/5/2013		262	5	0.00		
2/7/2013		249	4	0.00		
2/12/2013		256	6	0.00		
2/14/2013		260	5	0.00		
2/19/2013		224	4	0.00		
2/21/2013		231	5	0.00		
2/26/2013		280	5	0.00		
2/28/2013		245	4	0.00		
3/5/2013		232	4	0.00		
3/7/2013		254	4	0.00		
3/12/2013		252	5	0.00		
3/14/2013		251	5	0.00		
3/19/2013		241	5	0.00		
3/21/2013		275	5	0.00		
3/26/2013		263	4	0.00		
3/28/2013		267	3	0.00		
4/2/2013		288	8	0.00		
4/4/2013		210	4	0.00		
4/9/2013		351	5	0.00		
4/11/2013		392	6	0.00		
4/16/2013		190	6	0.00		
4/18/2013		210	4	0.00		
4/23/2013		223	6	0.00		
4/25/2013		246	6	0.00		
4/30/2013		220	4	0.00		
5/2/2013		236	4	0.00		
5/7/2013		241	4	0.00		
5/9/2013		241	5	0.00		
5/14/2013		212	3	0.00		
5/16/2013		247	4	0.00		
5/21/2013		327	3	0.00		
5/23/2013		212	5	0.00		
5/28/2013		226	6	0.00		
5/29/2013		241	6	97.35	97.34513274	
6/4/2013		230	6	0.00		
6/6/2013		225	6	0.00		
6/11/2013		201	7	0.00		
6/13/2013		210	6	0.00		
6/18/2013		207	6	0.00		
6/20/2013		281	7	0.00		
6/25/2013		222	5	0.00		
6/27/2013		209	5	0.00		
7/2/2013		234	2	0.00		
7/4/2013		225	7	0.00		
7/9/2013		216	2	0.00		
7/11/2013		227	4	0.00		
7/16/2013		217	2	0.00		

7/18/2013		236	3	0.00		
7/23/2013		217	2	0.00		
7/25/2013		213	3	0.00		
7/30/2013		220	3	0.00		
8/1/2013		225	3	0.00		
8/6/2013		189	2	0.00		
8/8/2013		259	2	0.00		
8/13/2013		280	5	0.00		
8/15/2013		211	3	0.00		
8/20/2013		209	1	0.00		
8/22/2013		228	3	0.00		
8/27/2013		218	1	0.00		
8/29/2013		218	2	0.00		
9/3/2013		245	2	0.00		
9/4/2013		211	2	99.18	99.18367347	
9/10/2013		274	2	0.00		
9/12/2013		229	3	0.00		
9/18/2013		234	2	0.00		
9/19/2013		250	4	99.15	99.14529915	
9/24/2013		326	2	0.00		
9/26/2013		187	3	0.00		
10/1/2013		207	2	0.00		
10/3/2013		293	3	0.00		
10/8/2013		279	3	0.00		
10/10/2013		238	4	0.00		
10/15/2013		259	5	0.00		
10/17/2013		260	4	0.00		
10/22/2013		277	6	0.00		
10/24/2013		253	4	0.00		
10/29/2013		248	6	0.00		
10/31/2013		249	6	0.00		
11/6/2013		286	3	0.00		
11/7/2013		243	7	98.95	98.95104895	
11/12/2013		269	7	0.00		
11/14/2013		244	8	0.00		
11/19/2013		234	9	0.00		
11/21/2013		242	8	0.00		
11/26/2013		225	8	0.00		
11/28/2013		232	9	0.00		
12/3/2013		265	10	0.00		
12/5/2013		244	10	0.00		
12/10/2013		246	13	0.00		
12/12/2013		268	13	0.00		
12/17/2013		241	8	0.00		
12/19/2013		234	9	0.00		
12/24/2013		239	9	0.00		
12/26/2013		255	11	0.00		
12/31/2013		226	7	0.00		
1/2/2014		213	8	0.00		
1/7/2014		259	7	0.00		
1/9/2014		224	8	0.00		
1/15/2014		228	5	0.00		
1/16/2014		216	6	97.81	97.80701754	
1/21/2014		240	8	0.00		
1/23/2014		253	6	0.00		
1/28/2014		292	7	0.00		
1/30/2014		235	7	0.00		
2/4/2014		256	9	0.00		
2/6/2014		220	9	0.00		
2/12/2014		249	10	0.00		
2/13/2014		240	9	95.98	95.98393574	
2/18/2014		283	9	0.00		
2/20/2014		244	10	0.00		

2/25/2014		252	7	0.00		
2/27/2014		265	8	0.00		
3/4/2014		248	12	0.00		
3/6/2014		226	11	0.00		
3/11/2014		327	12	0.00		
3/13/2014		267	12	0.00		
3/18/2014		297	11	0.00		
3/20/2014		251	11	0.00		
3/25/2014		276	15	0.00		
3/27/2014		244	10	0.00		
4/1/2014		264	8	0.00		
4/3/2014		280	7	0.00		
4/8/2014		245	6	0.00		
4/10/2014		286	7	0.00		
4/15/2014		269	10	0.00		
4/17/2014		273	9	0.00		
4/22/2014		267	9	0.00		
4/24/2014		227	8	0.00		
4/29/2014		267	11	0.00		
5/1/2014		256	10	0.00		
5/6/2014		300	12	0.00		
5/8/2014		260	10	0.00		
5/13/2014		273	17	0.00		
5/15/2014		258	17	0.00		
5/20/2014		248	20	0.00		
5/22/2014		252	26	0.00		
5/27/2014		262	13	0.00		
5/29/2014		247	11	0.00		
6/3/2014		266	8	0.00		
6/5/2014		262	7	0.00		
6/10/2014		270	6	0.00		
6/12/2014		259	5	0.00		
6/17/2014		230	5	0.00		
6/19/2014		240	4	0.00		
6/24/2014		247	5	0.00		
6/26/2014		249	6	0.00		
7/1/2014		279	4	0.00		
7/3/2014		221	5	0.00		
7/8/2014		233	5	0.00		
7/10/2014		279	5	0.00		
7/15/2014		252	5	0.00		
7/17/2014		260	4	0.00		
7/22/2014		259	4	0.00		
7/24/2014		274	4	0.00		
7/29/2014		249	5	0.00		
7/31/2014		253	4	0.00		
8/5/2014		220	3	0.00		
8/7/2014		243	3	0.00		
8/12/2014		290	2	0.00		
8/14/2014		266	3	0.00		
8/19/2014		245	4	0.00		
8/21/2014		237	4	0.00		
8/26/2014		229	3	0.00		
8/28/2014		249	5	0.00		
9/2/2014		269	5	0.00		
9/3/2014		270	3	98.14	98.14126394	
9/8/2014		239	5	0.00		
9/11/2014		239	6	0.00		
9/16/2014		254	7	0.00		
9/18/2014		245	7	0.00		
9/23/2014		265	4	0.00		
9/25/2014		237	5	0.00		
9/30/2014		246	5	0.00		

Constituent:	Total Phosphorous		Sludge (mg/kg)	Daily Removal (%)	Domestic (mg/L)	River (mg/l)
	Influent (mg/L)	Effluent (mg/L)				
Sample Date	Influent (mg/L)	Effluent (mg/L)	Sludge (mg/kg)	Daily Removal (%)	Domestic (mg/L)	River (mg/l)
1/6/2009			33800			
4/7/2009			33700	0.00		
7/14/2009			38800	0.00		
10/13/2009			34300	0.00		
1/5/2009	7.64	0.2315		0.00		
1/12/2009	7.2	0.32		0.00		
1/19/2009	7.5	1.07		0.00		
1/26/2009	6.9	0.98		0.00		
2/2/2009	6.925	1.035		0.00		
2/9/2009	7.6	1.05		0.00		
2/16/2009	7.3	0.98		0.00		
2/23/2009	7.5	0.79		0.00		
3/2/2009	7.2	0.59		0.00		
3/9/2009	6.8	0.44		0.00		
3/16/2009	6.3	0.27		0.00		
3/23/2009	6.6	0.31		0.00		
3/30/2009	6.6	0.25		0.00		
4/6/2009	7.1	0.15		0.00		
4/13/2009	7.1	0.27		0.00		
4/20/2009	6.2	0.31		0.00		
4/27/2009	7.1	0.83		0.00		
5/4/2009	7	0.47		0.00		
5/11/2009	6.8	0.57		0.00		
5/18/2009	5.5	0.47		0.00		
5/25/2009	6.9	1.38		0.00		
6/1/2009	7.1	0.63		0.00		
6/8/2009	7.2	0.67		0.00		
6/15/2009	6	0.19		0.00		
6/22/2009	6.4	0.26		0.00		
6/29/2009	7.6	0.17		0.00		
7/6/2009	7.375	0.212		0.00		
7/13/2009	7.5	0.19		0.00		
7/14/2009	5.7	0.2		97.47	97.46666667	
7/20/2009	6.8	0.27		0.00		
7/27/2009	7.2	0.29		0.00		
8/3/2009	7.1	0.64		0.00		
8/10/2009	6.7	0.28		0.00		
8/17/2009	6.4	0.26		0.00		
8/24/2009	7.3	0.23		0.00		
8/31/2009	7.2	0.32		0.00		
9/7/2009	6.8	0.28		0.00		
9/15/2009	6.45	0.3815		0.00		
9/21/2009	6.9	0.31		0.00		
9/28/2009	7.8	0.3		0.00		
10/4/2009	8	0.33		0.00		
10/12/2009	6.4	0.2		0.00		
10/19/2009	6.8	0.1		0.00		
10/26/2009	6.8	0.25		0.00		
11/2/2009	6.8	0.21		0.00		
11/9/2009	7	0.31		0.00		
11/16/2009	7	0.29		0.00		
11/23/2009	6.3	0.32		0.00		
11/30/2009	6.8	0.27		0.00		
12/7/2009	7.3	0.26		0.00		
12/14/2009	6.8	0.28		0.00		
12/21/2009	7	0.27		0.00		
12/28/2009	6.7	0.28		0.00		
1/4/2010	6.8	0.3		0.00		
1/11/2010	7	0.27		0.00		
1/18/2010	8.1	0.25		0.00		
1/25/2010	6.8	0.16		0.00		
2/1/2010	7.1	0.36		0.00		
2/8/2010	6.9	0.29		0.00		
2/15/2010	7.2	0.32		0.00		
2/22/2010	7	0.19		0.00		
3/1/2010	7.2	0.28		0.00		
3/8/2010	6.8	0.26		0.00		
3/15/2010	7.4	0.32		0.00		
3/22/2010	6.4	0.31		0.00		

Constituent:	Total Phosphorous		Sludge (mg/kg)	Daily Removal (%)	Domestic (mg/L)	River (mg/l)
	Influent (mg/L)	Effluent (mg/L)				
Sample Date						
3/29/2010	7.3	0.29		0.00		0.006
3/30/2010						0.006
3/31/2010						0.006
4/5/2010	7.3	0.23		0.00		0.005
4/6/2010						0.005
4/7/2010						0.005
4/8/2010						0.007
4/12/2010	7.8	0.28		0.00		
4/19/2010	7.3	0.5		0.00		
4/26/2010	7.3	0.33		0.00		
5/2/2010	7	0.32		0.00		
5/17/2010	7	0.31		0.00		
5/24/2010	7.4	0.37		0.00		
5/31/2010	7.8	0.45		0.00		
6/7/2010	7.3	1.1		0.00		
6/13/2010	7.4	0.45		0.00		
6/21/2010	6.8	0.3		0.00		
6/28/2010	7.3	0.25		0.00		
7/5/2010	7.3	0.39		0.00		
7/12/2010	7	0.7		0.00		
7/19/2010	6.6	0.41		0.00		
7/26/2010	7.1	2.12		0.00		
8/2/2010	6.9	1.24		0.00		
8/9/2010	6.9	1		0.00		
8/16/2010	7.3	1.7		0.00		
8/23/2010	7	4.51		0.00		
8/30/2010	6.7	1.33		0.00		
9/7/2010	6.7	1.2		0.00		
9/14/2010	6	0.4		0.00		
Flow-weighted	6.86499					
1/3/2011	5.8	0.23				
1/9/2011	6.4	0.73		0.00		
1/17/2011	6.5	0.65		0.00		
1/24/2011	5.8	1.1		0.00		
1/31/2011	6	1.93		0.00		
2/7/2011	6.3	1.62		0.00		
2/14/2011	6.6	1.2		0.00		
2/21/2011	7.1	1.57		0.00		
2/28/2011	6.7	1.12		0.00		
3/3/2011	6.7	1.02		0.00		
3/7/2011	6.5	1.16		0.00		
3/14/2011	6.9	1.09		0.00		
3/21/2011	6.4	1.45		0.00		
3/28/2011	6	0.81		0.00		
4/4/2011	6.6	0.56		0.00		
4/11/2011	6.9	0.35		0.00		
4/18/2011	6.7	0.49		0.00		
4/25/2011	7.3	0.4		0.00		
5/2/2011	7.9	0.34		0.00		
5/9/2011	6.5	0.31		0.00		
5/16/2011	6.3	0.3		0.00		
5/23/2011	6.8	0.31		0.00		
5/30/2011	6.4	0.28		0.00		
6/6/2011	5.4	0.24		0.00		
6/13/2011	6.9	0.26		0.00		
6/20/2011	7.4	0.32		0.00		
6/27/2011	6.1	0.28		0.00		
7/4/2011	7.2	0.24		0.00		
7/10/2011	7.4	0.22		0.00		
7/18/2011	6.6	0.13		0.00		
7/25/2011	6.1	0.22		0.00		
8/1/2011	7	0.16		0.00		
8/8/2011	6.4	0.24		0.00		
8/15/2011	6.6	1.9		0.00		
8/21/2011	6.9	1.66		0.00		
8/29/2011	6.3	0.44		0.00		
9/5/2011	6.4	0.43		0.00		
9/12/2011	7.4	0.34		0.00		
9/19/2011	6.8	0.33		0.00		

Constituent:	Total Phosphorous		Sludge (mg/kg)	Daily Removal (%)	Domestic (mg/L)	River (mg/l)
	Influent (mg/L)	Effluent (mg/L)				
9/26/2011	7.1	0.22		0.00		
10/3/2011	7.1	0.19		0.00		
10/10/2011	6.2	0.23		0.00		
10/17/2011	6.7	0.19		0.00		
10/24/2011	6.3	0.18		0.00		
10/31/2011	4.4	0.4		0.00		
11/3/2011	6.9	0.29		0.00		
11/7/2011	6.4	0.23		0.00		
11/14/2011	7.6	0.19		0.00		
11/21/2011	6.1	0.2		0.00		
11/28/2011	6.8	0.22		0.00		
12/5/2011	6.2	0.21		0.00		
12/12/2011	6.4	0.27		0.00		
12/19/2011	6.5	0.25		0.00		
12/26/2011	6.9	0.25		0.00		
1/2/2012	6.5	0.21		0.00		
1/8/2012	7.6	0.3		0.00		
1/12/2012	7.1	0.19		0.00		
1/16/2012	6.6	0.2		0.00		
1/23/2012	6.8	0.18		0.00		
1/30/2012	6.6	0.22		0.00		
2/6/2012	6.5	0.3		0.00		
2/13/2012	6.6	0.22		0.00		
2/20/2012	6.3	0.22		0.00		
2/27/2012	7.1	0.22		0.00		
3/1/2012	6.17	0.132		0.00		
3/5/2012	6.6	0.33		0.00		
3/12/2012	6.5	0.22		0.00		
3/19/2012	6.1	0.17		0.00		
3/26/2012	6.5	0.18		0.00		
4/2/2012	6.6	0.18		0.00		
4/5/2012	7.4	0.23		0.00		
4/9/2012	7.4	0.22		0.00		
4/16/2012	6.5	0.22		0.00		
4/23/2012	6.7	0.61		0.00		
4/30/2012	6.5	0.3		0.00		
5/3/2012	7.6	0.34		0.00		
5/7/2012	7	0.24		0.00		
5/14/2012	6.8	0.26		0.00		
5/21/2012	7.1	0.36		0.00		
5/29/2012	7.3	0.39		0.00		
6/4/2012	6.9	0.31		0.00		
6/5/2012	5.9	0.21		95.51	95.50724638	
6/11/2012	7	0.28		0.00		
6/18/2012	6.5	1.23		0.00		
6/25/2012	7	1.6		0.00		
7/2/2012	6.8	5.8		0.00		
7/5/2012	6.6	3.2		0.00		
7/8/2012	6.2	1.3		0.00		
7/12/2012	6.4	0.37		0.00		
7/16/2012	6.7	0.27		0.00		
7/19/2012	6.4	0.26		0.00		
7/23/2012	6.8	0.26		0.00		
7/26/2012	6.1	0.19		0.00		
7/30/2012	6.3	0.23		0.00		
8/6/2012	6.5	0.13		0.00		
8/13/2012	6.9	0.18		0.00		
8/20/2012	6.5	0.19		0.00		
8/27/2012	6.7	0.2		0.00		
9/4/2012	6.5	0.12		0.00		
9/10/2012	6.6	0.22		0.00		
9/17/2012	6.5	0.16		0.00		
9/24/2012	6.3	0.14		0.00		
10/1/2012	6.7	0.19		0.00		
10/8/2012	6.2	0.18		0.00		
10/15/2012	6.3	0.14		0.00		
10/22/2012	6.2	0.17		0.00		
10/29/2012	6.1	0.18		0.00		
11/5/2012	6.5	0.17		0.00		

Constituent:	Total Phosphorous		Sludge (mg/kg)	Daily Removal (%)	Domestic (mg/L)	River (mg/l)
	Influent (mg/L)	Effluent (mg/L)				
11/12/2012	6.7	0.19		0.00		
11/19/2012	6.5	0.17		0.00		
11/26/2012	6.1	0.14		0.00		
12/3/2012	7.1	0.2		0.00		
12/10/2012	6.2	0.15		0.00		
12/17/2012	6.4	0.18		0.00		
12/25/2012	7.9	0.19		0.00		
1/1/2013	6.7	0.26		0.00		
1/7/2013	7	0.3		0.00		
1/14/2013	6.5	0.28		0.00		
1/22/2013	6.8	0.26		0.00		
1/28/2013	6.2	0.25		0.00		
2/4/2013		6.4		0.00		
2/9/2013	3			0.00		
2/11/2013		6.2		0.00		
2/16/2013	3			0.00		
2/18/2013		6.9		0.00		
2/23/2013	5			0.00		
2/25/2013		6.3		0.00		
3/4/2013	7	0.2		0.00		
3/11/2013	6.7	0.2		0.00		
3/18/2013	6.8	0.22		0.00		
3/25/2013	6.3	0.18		0.00		
4/1/2013	7	0.26		0.00		
4/8/2013	7	0.29		0.00		
4/11/2013	7.2	0.27		0.00		
4/15/2013	6.1	0.21		0.00		
4/22/2013	6.6	0.22		0.00		
4/29/2013	6.5	0.23		0.00		
5/6/2013	6	0.22		0.00		
5/13/2013	6.2	0.23		0.00		
5/20/2013	7	0.23		0.00		
5/27/2013	6.8	0.24		0.00		
6/3/2013	6.3	0.27		0.00		
6/10/2013	5.8	0.96		0.00		
6/17/2013	6.1	1.53		0.00		
6/24/2013	6.7	0.31		0.00		
7/1/2013	5.75	0.18		0.00		
7/8/2013	6.7	0.22		0.00		
7/15/2013	6.4	0.14		0.00		
7/22/2013	6.5	0.16		0.00		
7/29/2013	6.9	0.17		0.00		
8/5/2013	5.9	0.13		0.00		
8/12/2013	6.1	0.17		0.00		
8/19/2013	6.3	0.19		0.00		
8/26/2013	6.2	0.16		0.00		
9/2/2013	5.76	0.09		0.00		
9/9/2013	5.2	0.1		0.00		
9/16/2013	6	0.13		0.00		
9/23/2013	6.4	0.16		0.00		
10/1/2013	6.3	0.13		0.00		
10/7/2013	7.2	0.14		0.00		
10/14/2013	7	0.15		0.00		
10/21/2013	6.8	0.2		0.00		
10/28/2013	6.9	0.22		0.00		
11/4/2013	7	0.26		0.00		
11/11/2013	7.1	0.37		0.00		
11/18/2013	6.1	0.26		0.00		
11/25/2013	6.7	0.41		0.00		
12/2/2013	6.2	0.36		0.00		
12/9/2013	6.9	0.45		0.00		
12/16/2013	7.7	0.44		0.00		
12/23/2013	5.8	0.46		0.00		
12/30/2013	6.6	0.46		0.00		
1/6/2014	6.3	0.36		0.00		
1/13/2014	6.3	0.3		0.00		
1/22/2014	7.1	0.44		0.00		
1/27/2014	7.2	0.48		0.00		
2/3/2014	8	0.4		0.00		

Constituent:	Total Phosphorous		Sludge (mg/kg)	Daily Removal (%)	Domestic (mg/L)	River (mg/l)
	Influent (mg/L)	Effluent (mg/L)				
2/10/2014	7	0.36		0.00		
2/17/2014	7.3	0.34		0.00		
2/24/2014	6.5	0.35		0.00		
3/3/2014	6.4	0.51		0.00		
3/10/2014	6.4	0.44		0.00		
3/17/2014	6.9	0.49		0.00		
3/24/2014	6.8	0.55		0.00		
4/1/2014	6.8	0.42		0.00		
4/7/2014	7	0.43		0.00		
4/14/2014	6.7	0.22		0.00		
4/21/2014	7.6	0.43		0.00		
4/28/2014	6.8	0.55		0.00		
5/5/2014	7	0.8		0.00		
5/12/2014	6.45	3.78		0.00		
5/19/2014	6.6	6.045		0.00		
5/26/2014	6.6	2.75		0.00		
5/29/2014	6.8	2.03		0.00		
6/2/2014	7.4	2.33		0.00		
6/9/2014	7.5	2.2		0.00		
6/16/2014	7.07	1.75		0.00		
6/23/2014	7.4	1.65		0.00		
7/1/2014	6.6	1		0.00		
7/7/2014	8.2	1.59		0.00		
7/14/2014	7.3	1.03		0.00		
7/21/2014	6.8	0.57		0.00		
7/28/2014	7.8	0.27		0.00		
8/4/2014	6.78	0.234		0.00		
8/11/2014	7.3	0.21		0.00		
8/18/2014	7.2	0.49		0.00		
8/25/2014	6.3	0.87		0.00		
9/1/2014	6.7	1.84		0.00		
9/8/2014	7	0.97		0.00		
9/15/2014	6.4	0.81		0.00		
9/22/2014	6.8	0.59		0.00		
9/29/2014	7.2	0.97		0.00		
10/6/2014	6.5	0.44		0.00		
10/13/2014	6.8	0.36		0.00		
10/20/2014	7.1	0.275		0.00		
10/27/2014	7	0.31		0.00		
11/3/2014	6.5	0.4		0.00		
11/10/2014	6.6	0.36		0.00		
11/17/2014	6.5	0.38		0.00		
11/24/2014	6.4	0.4		0.00		
12/1/2014	6.2	0.41		0.00		
12/3/2014	6.9	0.41		0.00		
12/4/2014	7.1	0.38		94.06	94.05797101	
12/8/2014	6.5	0.38		0.00		
12/9/2014	6.4	0.385		94.15	94.15384615	
12/10/2014	7.1	0.415		93.98	93.984375	
12/15/2014	6.4	0.505		0.00		
12/16/2014	6.6	0.635		92.11	92.109375	
12/17/2014	6.4	0.445		90.38	90.37878788	
12/22/2014	6	0.33		0.00		
12/23/2014	6.2	0.547		94.50	94.5	
12/24/2014	6.4	0.535		91.18	91.17741935	
12/29/2014	6.9	0.62		0.00		
12/30/2014	6.7	0.525		91.01	91.01449275	

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Client: CITY OF POST FALLS
Address: 2002 W. SELTICE WAY
POST FALLS, ID 83854
Attn: MARK S BARKLEY

Batch #: 120113003
Project Name: TTO JAN 2012

Analytical Results Report

Sample Number	120113003-001	Sampling Date	1/12/2012	Date/Time Received	1/13/2012 8:35 AM
Client Sample ID	POST FALLS EFFLUENT	Sampling Time	3:55 PM	Extraction Date	1/17/2012
Matrix	Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,2,4-Trichlorobenzene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
1,2-Dichlorobenzene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
1,2-Diphenyl hydrazine	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
1,3-Dichlorobenzene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
1,4-Dichlorobenzene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
1-Methylnaphthalene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
2,3,4,6-Tetrachlorophenol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
2,3,5,6-Tetrachlorophenol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
2,4,5-Trichlorophenol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
2,4,6-Trichlorophenol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
2,4-Dichlorophenol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
2,4-Dimethylphenol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
2,4-Dinitrophenol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
2,4-Dinitrotoluene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
2,6-Dinitrotoluene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
2-Chloronaphthalene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
2-Chlorophenol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
2-Methylnaphthalene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
2-Methylphenol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
2-Nitroaniline	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
2-Nitrophenol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
3,3'-Dichlorobenzidine	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
3+4-Methylphenol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
3-Nitroaniline	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
4,6-Dinitro-2-methylphenol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
4-Bromophenyl-phenylether	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
4-Chloro-3-methylphenol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
4-Chloroaniline	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
4-Chlorophenyl-phenylether	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
4-Nitroaniline	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
4-Nitrophenol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Acenaphthene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Acenaphthylene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Aniline	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: CITY OF POST FALLS
Address: 2002 W. SELTICE WAY
POST FALLS, ID 83854
Attn: MARK S BARKLEY

Batch #: 120113003
Project Name: TTO JAN 2012

Analytical Results Report

Sample Number	120113003-001	Sampling Date	1/12/2012	Date/Time Received	1/13/2012 8:35 AM
Client Sample ID	POST FALLS EFFLUENT	Sampling Time	3:55 PM	Extraction Date	1/17/2012
Matrix	Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Anthracene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Benzidine	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Benzo(ghi)perylene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Benzo[a]anthracene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Benzo[a]pyrene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Benzo[b]fluoranthene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Benzo[k]fluoranthene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Benzyl alcohol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
bis(2-Chloroethoxy)methane	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
bis(2-Chloroethyl)ether	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
bis(2-chloroisopropyl)ether	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Butylbenzylphthalate	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Carbazole	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Chrysene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Dibenz[a,h]anthracene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Dibenzofuran	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Diethylphthalate	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Dimethylphthalate	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Di-n-butylphthalate	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Di-n-octylphthalate	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Fluoranthene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Fluorene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Hexachlorobenzene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Hexachlorobutadiene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Hexachlorocyclopentadiene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Hexachloroethane	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Indeno[1,2,3-cd]pyrene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Isophorone	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Naphthalene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Nitrobenzene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Nitrosodimethylamine	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
n-Nitroso-di-n-propylamine	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
n-Nitrosodiphenylamine	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Pentachlorophenol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	

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Client: CITY OF POST FALLS
Address: 2002 W. SELTICE WAY
POST FALLS, ID 83854
Attn: MARK S BARKLEY

Batch #: 120113003
Project Name: TTO JAN 2012

Analytical Results Report

Sample Number	120113003-001	Sampling Date	1/12/2012	Date/Time Received	1/13/2012 8:35 AM
Client Sample ID	POST FALLS EFFLUENT	Sampling Time	3:55 PM	Extraction Date	1/17/2012
Matrix	Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Phenanthrene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Phenol	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Pyrene	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	
Pyridine	ND	ug/L	0.5	1/23/2012	EMP	EPA 625	

Surrogate Data

Sample Number	120113003-001			
Surrogate Standard	Method	Percent Recovery	Control Limits	
2,4,6-Tribromophenol	EPA 625	94.4	53-122	
2-Fluorobiphenyl	EPA 625	83.2	12-116	
2-Fluorophenol	EPA 625	78.4	10-139	
Nitrobenzene-d5	EPA 625	86.2	68-118	
Phenol-d5	EPA 625	94.7	28-154	
Terphenyl-d14	EPA 625	78.4	52-144	

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Address: 2002 W. SELTICE WAY
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Attn: MARK S BARKLEY

Batch #: 120113003
Project Name: TTO JAN 2012

Analytical Results Report

Sample Number	120113003-002	Sampling Date	1/12/2012	Date/Time Received	1/13/2012 8:35 AM
Client Sample ID	POST FALLS INFLUENT	Sampling Time	3:30 PM	Extraction Date	1/17/2012
Matrix	Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,2,4-Trichlorobenzene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
1,2-Dichlorobenzene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
1,2-Diphenyl hydrazine	ND	ug/L	5	1/23/2012	EMP	EPA 625	
1,3-Dichlorobenzene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
1,4-Dichlorobenzene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
1-Methylnaphthalene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
2,3,4,6-Tetrachlorophenol	ND	ug/L	5	1/23/2012	EMP	EPA 625	
2,3,5,6-Tetrachlorophenol	ND	ug/L	5	1/23/2012	EMP	EPA 625	
2,4,5-Trichlorophenol	ND	ug/L	5	1/23/2012	EMP	EPA 625	
2,4,6-Trichlorophenol	ND	ug/L	5	1/23/2012	EMP	EPA 625	
2,4-Dichlorophenol	ND	ug/L	5	1/23/2012	EMP	EPA 625	
2,4-Dimethylphenol	ND	ug/L	5	1/23/2012	EMP	EPA 625	
2,4-Dinitrophenol	ND	ug/L	5	1/23/2012	EMP	EPA 625	
2,4-Dinitrotoluene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
2,6-Dinitrotoluene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
2-Chloronaphthalene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
2-Chlorophenol	ND	ug/L	5	1/23/2012	EMP	EPA 625	
2-Methylnaphthalene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
2-Methylphenol	ND	ug/L	5	1/23/2012	EMP	EPA 625	
2-Nitroaniline	ND	ug/L	5	1/23/2012	EMP	EPA 625	
2-Nitrophenol	ND	ug/L	5	1/23/2012	EMP	EPA 625	
3,3'-Dichlorobenzidine	ND	ug/L	5	1/23/2012	EMP	EPA 625	
3+4-Methylphenol	232	ug/L	5	1/23/2012	EMP	EPA 625	
3-Nitroaniline	ND	ug/L	5	1/23/2012	EMP	EPA 625	
4,6-Dinitro-2-methylphenol	ND	ug/L	5	1/23/2012	EMP	EPA 625	
4-Bromophenyl-phenylether	ND	ug/L	5	1/23/2012	EMP	EPA 625	
4-Chloro-3-methylphenol	ND	ug/L	5	1/23/2012	EMP	EPA 625	
4-Chloroaniline	ND	ug/L	5	1/23/2012	EMP	EPA 625	
4-Chlorophenyl-phenylether	ND	ug/L	5	1/23/2012	EMP	EPA 625	
4-Nitroaniline	ND	ug/L	5	1/23/2012	EMP	EPA 625	
4-Nitrophenol	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Acenaphthene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Acenaphthylene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Aniline	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Anthracene	ND	ug/L	5	1/23/2012	EMP	EPA 625	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Client: CITY OF POST FALLS
Address: 2002 W. SELTICE WAY
POST FALLS, ID 83854
Attn: MARK S BARKLEY

Batch #: 120113003
Project Name: TTO JAN 2012

Analytical Results Report

Sample Number	120113003-002	Sampling Date	1/12/2012	Date/Time Received	1/13/2012 8:35 AM
Client Sample ID	POST FALLS INFLUENT	Sampling Time	3:30 PM	Extraction Date	1/17/2012
Matrix	Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Benzidine	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Benzo(ghi)perylene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Benzo[a]anthracene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Benzo[a]pyrene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Benzo[b]fluoranthene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Benzo[k]fluoranthene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Benzyl alcohol	46.0	ug/L	5	1/23/2012	EMP	EPA 625	
bis(2-Chloroethoxy)methane	ND	ug/L	5	1/23/2012	EMP	EPA 625	
bis(2-Chloroethyl)ether	ND	ug/L	5	1/23/2012	EMP	EPA 625	
bis(2-chloroisopropyl)ether	ND	ug/L	5	1/23/2012	EMP	EPA 625	
bis(2-Ethylhexyl)phthalate	9.32	ug/L	5	1/23/2012	EMP	EPA 625	
Butylbenzylphthalate	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Carbazole	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Chrysene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Dibenz[a,h]anthracene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Dibenzofuran	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Diethylphthalate	12.4	ug/L	5	1/23/2012	EMP	EPA 625	
Dimethylphthalate	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Di-n-butylphthalate	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Di-n-octylphthalate	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Fluoranthene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Fluorene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Hexachlorobenzene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Hexachlorobutadiene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Hexachlorocyclopentadiene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Hexachloroethane	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Indeno[1,2,3-cd]pyrene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Isophorone	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Naphthalene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Nitrobenzene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Nitrosodimethylamine	ND	ug/L	5	1/23/2012	EMP	EPA 625	
n-Nitroso-di-n-propylamine	ND	ug/L	5	1/23/2012	EMP	EPA 625	
n-Nitrosodiphenylamine	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Pentachlorophenol	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Phenanthrene	ND	ug/L	5	1/23/2012	EMP	EPA 625	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Client: CITY OF POST FALLS
Address: 2002 W. SELTICE WAY
POST FALLS, ID 83854
Attn: MARK S BARKLEY

Batch #: 120113003
Project Name: TTO JAN 2012

Analytical Results Report

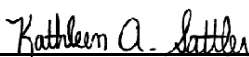
Sample Number	120113003-002	Sampling Date	1/12/2012	Date/Time Received	1/13/2012 8:35 AM
Client Sample ID	POST FALLS INFLUENT	Sampling Time	3:30 PM	Extraction Date	1/17/2012
Matrix	Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Phenol	57.5	ug/L	5	1/23/2012	EMP	EPA 625	
Pyrene	ND	ug/L	5	1/23/2012	EMP	EPA 625	
Pyridine	ND	ug/L	5	1/23/2012	EMP	EPA 625	

Surrogate Data

Sample Number	120113003-002			
Surrogate Standard	Method	Percent Recovery	Control Limits	
2,4,6-Tribromophenol	EPA 625	90.9	53-122	
2-Fluorobiphenyl	EPA 625	77.6	12-116	
2-Fluorophenol	EPA 625	80.2	10-139	
Nitrobenzene-d5	EPA 625	82.2	68-118	
Phenol-d5	EPA 625	95.1	28-154	
Terphenyl-d14	EPA 625	78.5	52-144	

Authorized Signature



Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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Attn: MARK S BARKLEY

Batch #: 120113003
Project Name: TTO JAN 2012

Analytical Results Report

Sample Number	120113003-001	Sampling Date	1/12/2012	Date/Time Received	1/13/2012 8:35 AM
Client Sample ID	POST FALLS EFFLUENT	Sampling Time	3:55 PM	Extraction Date	
Matrix	Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	<0.63	mg/L	0.63	1/19/2012	MJL	WATPH-HCID	
Gasoline	<0.25	mg/L	0.25	1/19/2012	MJL	WATPH-HCID	
Lube Oil	<0.63	mg/L	0.63	1/19/2012	MJL	WATPH-HCID	

Surrogate Data

Sample Number	120113003-001						
Surrogate Standard	hexacosane	Method	WATPH-HCID	Percent Recovery	93.4	Control Limits	50-150

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Project Name: TTO JAN 2012

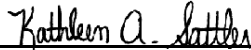
Analytical Results Report

Sample Number	120113003-002	Sampling Date	1/12/2012	Date/Time Received	1/13/2012 8:35 AM		
Client Sample ID	POST FALLS INFLUENT	Sampling Time	3:30 PM	Extraction Date			
Matrix	Water	Sample Location					
Comments							
Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Diesel	6.35	mg/L	6.3	1/19/2012	MJL	WATPH-HCID	
Gasoline	<2.5	mg/L	2.5	1/19/2012	MJL	WATPH-HCID	
Lube Oil	8.16	mg/L	6.3	1/19/2012	MJL	WATPH-HCID	

Surrogate Data

Sample Number	120113003-002			
Surrogate Standard	Method	Percent Recovery	Control Limits	
hexacosane	WATPH-HCID	105.2	50-150	

Authorized Signature



Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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Analytical Results Report

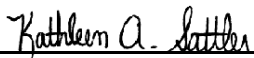
Sample Number	120113003-001	Sampling Date	1/12/2012	Date/Time Received	1/13/2012 8:35 AM
Client Sample ID	POST FALLS EFFLUENT	Sampling Time	3:55 PM	Extraction Date	
Matrix	Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
2,3,7,8-TCDD	ND	pg/L	10	2/10/2012	SUB	EPA 1613B	
Phenolics	ND	mg/L	0.05	1/26/2012	CRW	EPA 420.1	

Sample Number	120113003-002	Sampling Date	1/12/2012	Date/Time Received	1/13/2012 8:35 AM
Client Sample ID	POST FALLS INFLUENT	Sampling Time	3:30 PM	Extraction Date	
Matrix	Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
2,3,7,8-TCDD	ND	pg/L	10	2/12/2012	SUB	EPA 1613B	
Phenolics	0.139	mg/L	0.05	1/26/2012	CRW	EPA 420.1	

Authorized Signature


Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
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Client Sample ID	POST FALLS EFFLUENT	Sampling Time	3:55 PM	Extraction Date	1/19/2012
Matrix	Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
4,4-DDD	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
4,4-DDE	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
4,4-DDT	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Aldrin	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
alpha-BHC	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Aroclor 1016 (PCB-1016)	ND	ug/L	0.2	1/20/2012	SAT	EPA 608	
Aroclor 1221 (PCB-1221)	ND	ug/L	0.2	1/20/2012	SAT	EPA 608	
Aroclor 1232 (PCB-1232)	ND	ug/L	0.2	1/20/2012	SAT	EPA 608	
Aroclor 1242 (PCB-1242)	ND	ug/L	0.2	1/20/2012	SAT	EPA 608	
Aroclor 1248 (PCB-1248)	ND	ug/L	0.2	1/20/2012	SAT	EPA 608	
Aroclor 1254 (PCB-1254)	ND	ug/L	0.2	1/20/2012	SAT	EPA 608	
Aroclor 1260 (PCB-1260)	ND	ug/L	0.2	1/20/2012	SAT	EPA 608	
beta-BHC	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Chlordane	ND	ug/L	0.1	1/20/2012	SAT	EPA 608	
delta-BHC	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Dieldrin	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Endosulfan I	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Endosulfan II	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Endosulfan sulfate	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Endrin	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Endrin aldehyde	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Endrin ketone	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
gamma-BHC (Lindane)	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Heptachlor	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Heptachlor epoxide	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Methoxychlor	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Toxaphene	ND	ug/L	0.1	1/20/2012	SAT	EPA 608	

Surrogate Data

Sample Number	120113003-001			
Surrogate Standard		Method	Percent Recovery	Control Limits
DCB		EPA 608	101.4	30-130

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: CITY OF POST FALLS
Address: 2002 W. SELTICE WAY
POST FALLS, ID 83854
Attn: MARK S BARKLEY

Batch #: 120113003
Project Name: TTO JAN 2012

Analytical Results Report

Sample Number	120113003-002	Sampling Date	1/12/2012	Date/Time Received	1/13/2012 8:35 AM
Client Sample ID	POST FALLS INFLUENT	Sampling Time	3:30 PM	Extraction Date	1/19/2012
Matrix	Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
4,4-DDD	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
4,4-DDE	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
4,4-DDT	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Aldrin	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
alpha-BHC	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Aroclor 1016 (PCB-1016)	ND	ug/L	0.2	1/20/2012	SAT	EPA 608	
Aroclor 1221 (PCB-1221)	ND	ug/L	0.2	1/20/2012	SAT	EPA 608	
Aroclor 1232 (PCB-1232)	ND	ug/L	0.2	1/20/2012	SAT	EPA 608	
Aroclor 1242 (PCB-1242)	ND	ug/L	0.2	1/20/2012	SAT	EPA 608	
Aroclor 1248 (PCB-1248)	ND	ug/L	0.2	1/20/2012	SAT	EPA 608	
Aroclor 1254 (PCB-1254)	ND	ug/L	0.2	1/20/2012	SAT	EPA 608	
Aroclor 1260 (PCB-1260)	ND	ug/L	0.2	1/20/2012	SAT	EPA 608	
beta-BHC	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Chlordane	ND	ug/L	0.1	1/20/2012	SAT	EPA 608	
delta-BHC	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Dieldrin	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Endosulfan I	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Endosulfan II	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Endosulfan sulfate	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Endrin	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Endrin aldehyde	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Endrin ketone	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
gamma-BHC (Lindane)	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Heptachlor	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Heptachlor epoxide	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Methoxychlor	ND	ug/L	0.01	1/20/2012	SAT	EPA 608	
Toxaphene	ND	ug/L	0.1	1/20/2012	SAT	EPA 608	

Surrogate Data

Sample Number	120113003-002			
Surrogate Standard		Method	Percent Recovery	Control Limits
DCB		EPA 608	109.8	30-130

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

Anatek Labs, Inc.

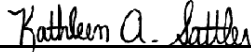
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Client: CITY OF POST FALLS
Address: 2002 W. SELTICE WAY
POST FALLS, ID 83854
Attn: MARK S BARKLEY

Batch #: 120113003
Project Name: TTO JAN 2012

Analytical Results Report

Authorized Signature



Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Address: 2002 W. SELTICE WAY
POST FALLS, ID 83854
Attn: MARK S BARKLEY

Batch #: 120113003
Project Name: TTO JAN 2012

Analytical Results Report

Sample Number	120113003-001	Sampling Date	1/12/2012	Date/Time Received	1/13/2012 8:35 AM
Client Sample ID	POST FALLS EFFLUENT	Sampling Time	3:55 PM	Extraction Date	
Matrix	Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,1,1-Trichloroethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,1,2-Trichloroethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,1-Dichloroethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,1-Dichloroethene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,1-dichloropropene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2,3-Trichloropropane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2-Dichlorobenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2-Dichloroethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2-Dichloropropane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,3-Dichlorobenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,3-Dichloropropane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,4-Dichlorobenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1-Methylnaphthalene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
2,2-Dichloropropane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
2-Chlorotoluene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
2-hexanone	ND	µg/L	2.5	1/16/2012	WOZ	EPA 624	
2-Methylnaphthalene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
4-Chlorotoluene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Acetone	ND	µg/L	2.5	1/16/2012	WOZ	EPA 624	
Acetonitrile	ND	µg/L	2.5	1/16/2012	WOZ	EPA 624	
Acrolein	ND	µg/L	2.5	1/16/2012	WOZ	EPA 624	
Acrylonitrile	ND	µg/L	2.5	1/16/2012	WOZ	EPA 624	
Benzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Bromobenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Bromochloromethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: CITY OF POST FALLS
Address: 2002 W. SELTICE WAY
POST FALLS, ID 83854
Attn: MARK S BARKLEY

Batch #: 120113003
Project Name: TTO JAN 2012

Analytical Results Report

Sample Number 120113003-001 **Sampling Date** 1/12/2012 **Date/Time Received** 1/13/2012 8:35 AM
Client Sample ID POST FALLS EFFLUENT **Sampling Time** 3:55 PM **Extraction Date**
Matrix Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromodichloromethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Bromoform	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Bromomethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Carbon disulfide	ND	µg/L	2.5	1/16/2012	WOZ	EPA 624	
Carbon Tetrachloride	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Chlorobenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Chloroethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Chloroform	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Chloromethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
cis-1,2-dichloroethene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
cis-1,3-Dichloropropene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Dibromochloromethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Dibromomethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Dichlorodifluoromethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Diethyl ether	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Ethylbenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Hexachlorobutadiene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Iodomethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Isopropylbenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
m+p-Xylene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Methyl ethyl ketone (MEK)	ND	µg/L	2.5	1/16/2012	WOZ	EPA 624	
Methyl isobutyl ketone (MIBK)	ND	µg/L	2.5	1/16/2012	WOZ	EPA 624	
Methylene chloride	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
methyl-t-butyl ether (MTBE)	ND	µg/L	2.5	1/16/2012	WOZ	EPA 624	
Naphthalene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
n-Butylbenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Nitrobenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
n-Propylbenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
o-Xylene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
p-isopropyltoluene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
sec-Butylbenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Styrene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
tert-Butylbenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Tetrachloroethene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Toluene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	

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Client: CITY OF POST FALLS
Address: 2002 W. SELTICE WAY
POST FALLS, ID 83854
Attn: MARK S BARKLEY

Batch #: 120113003
Project Name: TTO JAN 2012

Analytical Results Report

Sample Number	120113003-001	Sampling Date	1/12/2012	Date/Time Received	1/13/2012 8:35 AM
Client Sample ID	POST FALLS EFFLUENT	Sampling Time	3:55 PM	Extraction Date	
Matrix	Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Total Xylene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
trans-1,2-Dichloroethene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
trans-1,3-Dichloropropene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Trichloroethene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Trichlorofluoromethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Vinyl acetate	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Vinyl Chloride	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	

Surrogate Data

Sample Number	120113003-001			
Surrogate Standard		Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4		EPA 624	102.4	70-130
4-Bromofluorobenzene		EPA 624	96.4	70-130
Toluene-d8		EPA 624	99.2	70-130

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Client: CITY OF POST FALLS
Address: 2002 W. SELTICE WAY
POST FALLS, ID 83854
Attn: MARK S BARKLEY

Batch #: 120113003
Project Name: TTO JAN 2012

Analytical Results Report

Sample Number	120113003-002	Sampling Date	1/12/2012	Date/Time Received	1/13/2012 8:35 AM
Client Sample ID	POST FALLS INFLUENT	Sampling Time	3:30 PM	Extraction Date	
Matrix	Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,1,1-Trichloroethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,1,2-Trichloroethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,1-Dichloroethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,1-Dichloroethene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,1-dichloropropene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2,3-Trichlorobenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2,3-Trichloropropane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2,4-Trichlorobenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2,4-Trimethylbenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2-Dibromo-3-chloropropane(DBCP)	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2-Dibromoethane (EDB)	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2-Dichlorobenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2-Dichloroethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,2-Dichloropropane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,3,5-Trimethylbenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,3-Dichlorobenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,3-Dichloropropane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1,4-Dichlorobenzene	0.63	µg/L	0.5	1/16/2012	WOZ	EPA 624	
1-Methylnaphthalene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
2,2-Dichloropropane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
2-Chloroethyl vinyl ether	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
2-Chlorotoluene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
2-hexanone	ND	µg/L	2.5	1/16/2012	WOZ	EPA 624	
2-Methylnaphthalene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
4-Chlorotoluene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Acetone	142	µg/L	2.5	1/16/2012	WOZ	EPA 624	
Acetonitrile	ND	µg/L	2.5	1/16/2012	WOZ	EPA 624	
Acrolein	ND	µg/L	2.5	1/16/2012	WOZ	EPA 624	
Acrylonitrile	ND	µg/L	2.5	1/16/2012	WOZ	EPA 624	
Benzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Bromobenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Bromochloromethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Bromodichloromethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Client: CITY OF POST FALLS
Address: 2002 W. SELTICE WAY
POST FALLS, ID 83854
Attn: MARK S BARKLEY

Batch #: 120113003
Project Name: TTO JAN 2012

Analytical Results Report

Sample Number	120113003-002	Sampling Date	1/12/2012	Date/Time Received	1/13/2012 8:35 AM
Client Sample ID	POST FALLS INFLUENT	Sampling Time	3:30 PM	Extraction Date	
Matrix	Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromoform	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Bromomethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Carbon disulfide	0.50	µg/L	2.5	1/16/2012	WOZ	EPA 624	
Carbon Tetrachloride	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Chlorobenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Chloroethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Chloroform	0.70	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Chloromethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
cis-1,2-dichloroethene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
cis-1,3-Dichloropropene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Dibromochloromethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Dibromomethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Dichlorodifluoromethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Diethyl ether	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Ethylbenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Hexachlorobutadiene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Iodomethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Isopropylbenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
m+p-Xylene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Methyl ethyl ketone (MEK)	2.90	µg/L	2.5	1/16/2012	WOZ	EPA 624	
Methyl isobutyl ketone (MIBK)	ND	µg/L	2.5	1/16/2012	WOZ	EPA 624	
Methylene chloride	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
methyl-t-butyl ether (MTBE)	ND	µg/L	2.5	1/16/2012	WOZ	EPA 624	
Naphthalene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
n-Butylbenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Nitrobenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
n-Propylbenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
o-Xylene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
p-isopropyltoluene	1.24	µg/L	0.5	1/16/2012	WOZ	EPA 624	
sec-Butylbenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Styrene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
tert-Butylbenzene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Tetrachloroethene	0.50	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Toluene	3.81	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Total Xylene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Client: CITY OF POST FALLS
Address: 2002 W. SELTICE WAY
POST FALLS, ID 83854
Attn: MARK S BARKLEY

Batch #: 120113003
Project Name: TTO JAN 2012

Analytical Results Report

Sample Number	120113003-002	Sampling Date	1/12/2012	Date/Time Received	1/13/2012 8:35 AM
Client Sample ID	POST FALLS INFLUENT	Sampling Time	3:30 PM	Extraction Date	
Matrix	Water	Sample Location			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,2-Dichloroethene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
trans-1,3-Dichloropropene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
trans-1-4-Dichloro-2-butene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Trichloroethene	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Trichlorofluoromethane	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Vinyl acetate	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	
Vinyl Chloride	ND	µg/L	0.5	1/16/2012	WOZ	EPA 624	

Surrogate Data

Sample Number	120113003-002			
Surrogate Standard		Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4		EPA 624	98.4	70-130
4-Bromofluorobenzene		EPA 624	92.4	70-130
Toluene-d8		EPA 624	98.0	70-130

Authorized Signature


Kathy Sattler, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C585; MT:Cert0095

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Login Report

Customer Name: CITY OF POST FALLS
2002 W. SELTICE WAY
POST FALLS ID 83854

Order ID: 120113003
Order Date: 1/13/2012

Contact Name: MARK S BARKLEY
Project Name: TTO JAN 2012

Comment: EFFLUENT UV TREATED / INFLUENT
COMMERCIAL/DOMESTIC SEWAGE WASTEWATER

Sample #: 120113003-001 **Customer Sample #:** POST FALLS EFFLUENT

Recv'd: **Collector:** **Date Collected:** 1/12/2012
Quantity: 1 **Matrix:** Water **Date Received:** 1/13/2012 8:35:00 A

Comment:

Test	Lab	Method	Due Date	Priority
624 VOLATILES IN WW	S	EPA 624	1/27/2012	<u>Normal (6-10 Days)</u>
DIOXIN	S	EPA 1613B	1/27/2012	<u>Normal (6-10 Days)</u>
HCID	S	WATPH-HCID	1/27/2012	<u>Normal (6-10 Days)</u>
OC PEST/PCB 608	M	EPA 608	1/27/2012	<u>Normal (6-10 Days)</u>
PHENOLICS TOTAL	M	EPA 420.1	1/27/2012	<u>Normal (6-10 Days)</u>
SEMIVOLATILES 625	M	EPA 625	1/27/2012	<u>Normal (6-10 Days)</u>

Sample #: 120113003-002 **Customer Sample #:** POST FALLS INFLUENT

Recv'd: **Collector:** **Date Collected:** 1/12/2012
Quantity: 1 **Matrix:** Water **Date Received:** 1/13/2012 8:35:00 A

Comment:

Test	Lab	Method	Due Date	Priority
624 VOLATILES IN WW	S	EPA 624	1/27/2012	<u>Normal (6-10 Days)</u>
DIOXIN	S	EPA 1613B	1/27/2012	<u>Normal (6-10 Days)</u>
HCID	S	WATPH-HCID	1/27/2012	<u>Normal (6-10 Days)</u>
OC PEST/PCB 608	M	EPA 608	1/27/2012	<u>Normal (6-10 Days)</u>
PHENOLICS TOTAL	M	EPA 420.1	1/27/2012	<u>Normal (6-10 Days)</u>
SEMIVOLATILES 625	M	EPA 625	1/27/2012	<u>Normal (6-10 Days)</u>



Chain of Custody Record

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Anatek Log-#r **120113 003 CIPF** Last Due **1/27/2012**
 1st SAMP 1/12/2012 1st RCVD 1/13/2012

Company Name: City of Post Falls
 Address: 2002 W. Seltice Way
 City: Post Falls State: ID Zip: 83854
 Phone: 1-208-773-1438
 Fax: 1-208-773-0311

Project Manager: Mark S. Barkley
 Project Name & #: _____
 Email Address: mbarckley@postfallsidaho.org
 Purchase Order #: EPT-1-12-12 INF
 Sampler Name & phone: MARK S. BARKLEY (208) 773-1438

Normal
 Next Day*
 2nd Day*
 Other*
 *All rush order requests must be prior approved.

Phone _____
 Mail _____
 Fax _____
 Email _____

PH: 7.55 @ 12.3°C

Lab ID	Sample Identification	Sampling Date/Time	Matrix	List Analyses Requested														
				# of Containers	Sample Volume	TO-SVOC	TO-VOC	Phenols	Pest/PCB	Dioxin	PCB: mg	Aroclor	HClD					
2	Post Fall Influent	1-12-12 11:30 PM	water	2	1000 ML	X												
		11 " "		2	40 ML													
		11 " "		1	1000 ML		X											
		11 " "		1	1000 ML		X											
		11 " "		1	1000 ML		X											
		11 " "		1	40 ML				X									
		11 " "		1	1000 ML					X								
		11 " "		+														

Note Special Instructions/Comments

Relinquished by	Printed Name	Signature	Company	Date	Time
Received by	Mark S. Barkley	[Signature]	City of P.F.	1-13-	
Relinquished by	[Signature]	[Signature]	Anatek	1/19	832
Received by					
Relinquished by					
Received by					

Inspection Checklist
 Received Intact? Y N
 Labels & Chains Agree? Y N
 Containers Sealed? Y N
 VOC Head Space? Y N
 Temperature (C): 2.6°
 Preservative: HA
 Date & Time: 1-18-12
 Inspected By: KRS

Customer Name: CITY OF POST FALLS
2002 W. SELTICE WAY
POST FALLS ID 83854

Order ID: 120113003
Order Date: 1/13/2012

Contact Name: MARK S BARKLEY

Project Name: TTO JAN 2012

Comment: EFFLUENT UV TREATED / INFLUENT
COMMERCIAL/DOMESTIC SEWAGE WASTEWATER

Sample #: 120113003-003 **Customer Sample #:** TRIP BLANK

Recv'd: **Collector:** **Date Collected:** 1/12/2012
Quantity: 1 **Matrix:** Water **Date Received:** 1/13/2012 8:35:00 A

Comment:

Test	Lab	Method	Due Date	Priority
624 VOLATILES IN WW	S	EPA 624	1/23/2012	<u>Normal (6-10 Days)</u>

SAMPLE CONDITION RECORD

Samples received in a cooler?	Yes
Samples received intact?	Yes
What is the temperature inside the cooler?	2.6
Samples received with a COC?	Yes
Samples received within holding time?	Yes
Are all sample bottles properly preserved?	Yes
Are VOC samples free of headspace?	Yes
Is there a trip blank to accompany VOC samples?	Yes
Labels and chain agree?	Yes

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Parameter	Units	PQL	Method	Qualifier
1,2,4-Trichlorobenzene	ug/L	5	EPA 625	
1,2-Dichlorobenzene	ug/L	5	EPA 625	
1,2-Diphenyl hydrazine	ug/L	5	EPA 625	
1,3-Dichlorobenzene	ug/L	5	EPA 625	
1,4-Dichlorobenzene	ug/L	5	EPA 625	
1-Methylnaphthalene	ug/L	5	EPA 625	
2,3,4,6-Tetrachlorophenol	ug/L	5	EPA 625	
2,3,5,6-Tetrachlorophenol	ug/L	5	EPA 625	
2,4,5-Trichlorophenol	ug/L	5	EPA 625	
2,4,6-Trichlorophenol	ug/L	5	EPA 625	
2,4-Dichlorophenol	ug/L	5	EPA 625	
2,4-Dimethylphenol	ug/L	5	EPA 625	
2,4-Dinitrophenol	ug/L	5	EPA 625	
2,4-Dinitrotoluene	ug/L	5	EPA 625	
2,6-Dinitrotoluene	ug/L	5	EPA 625	
2-Chloronaphthalene	ug/L	5	EPA 625	
2-Chlorophenol	ug/L	5	EPA 625	
2-Methylnaphthalene	ug/L	5	EPA 625	
2-Methylphenol	ug/L	5	EPA 625	
2-Nitroaniline	ug/L	5	EPA 625	
2-Nitrophenol	ug/L	5	EPA 625	
3,3'-Dichlorobenzidine	ug/L	5	EPA 625	
3+4-Methylphenol	ug/L	5	EPA 625	
3-Nitroaniline	ug/L	5	EPA 625	
4,6-Dinitro-2-methylphenol	ug/L	5	EPA 625	
4-Bromophenyl-phenylether	ug/L	5	EPA 625	
4-Chloro-3-methylphenol	ug/L	5	EPA 625	
4-Chloroaniline	ug/L	5	EPA 625	
4-Chlorophenyl-phenylether	ug/L	5	EPA 625	
4-Nitroaniline	ug/L	5	EPA 625	
4-Nitrophenol	ug/L	5	EPA 625	
Acenaphthene	ug/L	5	EPA 625	
Acenaphthylene	ug/L	5	EPA 625	
Aniline	ug/L	5	EPA 625	
Anthracene	ug/L	5	EPA 625	

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Parameter	Units	PQL	Method
Benzidine	ug/L	5	EPA 625
Benzo(ghi)perylene	ug/L	5	EPA 625
Benzo[a]anthracene	ug/L	5	EPA 625
Benzo[a]pyrene	ug/L	5	EPA 625
Benzo[b]fluoranthene	ug/L	5	EPA 625
Benzo[k]fluoranthene	ug/L	5	EPA 625
Benzyl alcohol	ug/L	5	EPA 625
bis(2-Chloroethoxy)methane	ug/L	5	EPA 625
bis(2-Chloroethyl)ether	ug/L	5	EPA 625
bis(2-chloroisopropyl)ether	ug/L	5	EPA 625
bis(2-Ethylhexyl)phthalate	ug/L	5	EPA 625
Butylbenzylphthalate	ug/L	5	EPA 625
Carbazole	ug/L	5	EPA 625
Chrysene	ug/L	5	EPA 625
Dibenz[a,h]anthracene	ug/L	5	EPA 625
Dibenzofuran	ug/L	5	EPA 625
Diethylphthalate	ug/L	5	EPA 625
Dimethylphthalate	ug/L	5	EPA 625
Di-n-butylphthalate	ug/L	5	EPA 625
Di-n-octylphthalate	ug/L	5	EPA 625
Fluoranthene	ug/L	5	EPA 625
Fluorene	ug/L	5	EPA 625
Hexachlorobenzene	ug/L	5	EPA 625
Hexachlorobutadiene	ug/L	5	EPA 625
Hexachlorocyclopentadiene	ug/L	5	EPA 625
Hexachloroethane	ug/L	5	EPA 625
Indeno[1,2,3-cd]pyrene	ug/L	5	EPA 625
Isophorone	ug/L	5	EPA 625
Naphthalene	ug/L	5	EPA 625
Nitrobenzene	ug/L	5	EPA 625
Nitrosodimethylamine	ug/L	5	EPA 625
n-Nitroso-di-n-propylamine	ug/L	5	EPA 625
n-Nitrosodiphenylamine	ug/L	5	EPA 625
Pentachlorophenol	ug/L	5	EPA 625
Phenanthrene	ug/L	5	EPA 625

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Parameter	Units	PQL	Method
Phenol	ug/L	5	EPA 625
Pyrene	ug/L	5	EPA 625
Pyridine	ug/L	5	EPA 625

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Parameter	Units	PQL	Method	Qualifier
4,4-DDD	ug/L	0.01	EPA 608	
4,4-DDE	ug/L	0.01	EPA 608	
4,4-DDT	ug/L	0.01	EPA 608	
Aldrin	ug/L	0.01	EPA 608	
alpha-BHC	ug/L	0.01	EPA 608	
Aroclor 1016 (PCB-1016)	ug/L	0.2	EPA 608	
Aroclor 1221 (PCB-1221)	ug/L	0.2	EPA 608	
Aroclor 1232 (PCB-1232)	ug/L	0.2	EPA 608	
Aroclor 1242 (PCB-1242)	ug/L	0.2	EPA 608	
Aroclor 1248 (PCB-1248)	ug/L	0.2	EPA 608	
Aroclor 1254 (PCB-1254)	ug/L	0.2	EPA 608	
Aroclor 1260 (PCB-1260)	ug/L	0.2	EPA 608	
beta-BHC	ug/L	0.01	EPA 608	
Chlordane	ug/L	0.1	EPA 608	
delta-BHC	ug/L	0.01	EPA 608	
Dieldrin	ug/L	0.01	EPA 608	
Endosulfan I	ug/L	0.01	EPA 608	
Endosulfan II	ug/L	0.01	EPA 608	
Endosulfan sulfate	ug/L	0.01	EPA 608	
Endrin	ug/L	0.01	EPA 608	
Endrin aldehyde	ug/L	0.01	EPA 608	
Endrin ketone	ug/L	0.01	EPA 608	
gamma-BHC (Lindane)	ug/L	0.01	EPA 608	
Heptachlor	ug/L	0.01	EPA 608	
Heptachlor epoxide	ug/L	0.01	EPA 608	
Methoxychlor	ug/L	0.01	EPA 608	
Toxaphene	ug/L	0.1	EPA 608	

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Parameter	Units	PQL	Method	Qualifier
1,1,1,2-Tetrachloroethane	µg/L	0.5	EPA 624	
1,1,1-Trichloroethane	µg/L	0.5	EPA 624	
1,1,2,2-Tetrachloroethane	µg/L	0.5	EPA 624	
1,1,2-Trichloroethane	µg/L	0.5	EPA 624	
1,1-Dichloroethane	µg/L	0.5	EPA 624	
1,1-Dichloroethene	µg/L	0.5	EPA 624	
1,1-dichloropropene	µg/L	0.5	EPA 624	
1,2,3-Trichlorobenzene	µg/L	0.5	EPA 624	
1,2,3-Trichloropropane	µg/L	0.5	EPA 624	
1,2,4-Trichlorobenzene	µg/L	0.5	EPA 624	
1,2,4-Trimethylbenzene	µg/L	0.5	EPA 624	
1,2-Dibromo-3-chloropropane(DBCP)	µg/L	0.5	EPA 624	
1,2-Dibromoethane (EDB)	µg/L	0.5	EPA 624	
1,2-Dichlorobenzene	µg/L	0.5	EPA 624	
1,2-Dichloroethane	µg/L	0.5	EPA 624	
1,2-Dichloropropane	µg/L	0.5	EPA 624	
1,3,5-Trimethylbenzene	µg/L	0.5	EPA 624	
1,3-Dichlorobenzene	µg/L	0.5	EPA 624	
1,3-Dichloropropane	µg/L	0.5	EPA 624	
1,4-Dichlorobenzene	µg/L	0.5	EPA 624	
1-Methylnaphthalene	µg/L	0.5	EPA 624	
2,2-Dichloropropane	µg/L	0.5	EPA 624	
2-Chloroethyl vinyl ether	µg/L	0.5	EPA 624	
2-Chlorotoluene	µg/L	0.5	EPA 624	
2-hexanone	µg/L	2.5	EPA 624	
2-Methylnaphthalene	µg/L	0.5	EPA 624	
4-Chlorotoluene	µg/L	0.5	EPA 624	
Acetone	µg/L	2.5	EPA 624	
Acetonitrile	µg/L	2.5	EPA 624	
Acrolein	µg/L	2.5	EPA 624	
Acrylonitrile	µg/L	2.5	EPA 624	
Benzene	µg/L	0.5	EPA 624	
Bromobenzene	µg/L	0.5	EPA 624	
Bromochloromethane	µg/L	0.5	EPA 624	
Bromodichloromethane	µg/L	0.5	EPA 624	

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Parameter	Units	PQL	Method	Qualifier
Bromoform	µg/L	0.5	EPA 624	
Bromomethane	µg/L	0.5	EPA 624	
Carbon disulfide	µg/L	2.5	EPA 624	
Carbon Tetrachloride	µg/L	0.5	EPA 624	
Chlorobenzene	µg/L	0.5	EPA 624	
Chloroethane	µg/L	0.5	EPA 624	
Chloroform	µg/L	0.5	EPA 624	
Chloromethane	µg/L	0.5	EPA 624	
cis-1,2-dichloroethene	µg/L	0.5	EPA 624	
cis-1,3-Dichloropropene	µg/L	0.5	EPA 624	
Dibromochloromethane	µg/L	0.5	EPA 624	
Dibromomethane	µg/L	0.5	EPA 624	
Dichlorodifluoromethane	µg/L	0.5	EPA 624	
Diethyl ether	µg/L	0.5	EPA 624	
Ethylbenzene	µg/L	0.5	EPA 624	
Hexachlorobutadiene	µg/L	0.5	EPA 624	
Iodomethane	µg/L	0.5	EPA 624	
Isopropylbenzene	µg/L	0.5	EPA 624	
m+p-Xylene	µg/L	0.5	EPA 624	
Methyl ethyl ketone (MEK)	µg/L	2.5	EPA 624	
Methyl isobutyl ketone (MIBK)	µg/L	2.5	EPA 624	
Methylene chloride	µg/L	0.5	EPA 624	
methyl-t-butyl ether (MTBE)	µg/L	2.5	EPA 624	
Naphthalene	µg/L	0.5	EPA 624	
n-Butylbenzene	µg/L	0.5	EPA 624	
Nitrobenzene	µg/L	0.5	EPA 624	
n-Propylbenzene	µg/L	0.5	EPA 624	
o-Xylene	µg/L	0.5	EPA 624	
p-isopropyltoluene	µg/L	0.5	EPA 624	
sec-Butylbenzene	µg/L	0.5	EPA 624	
Styrene	µg/L	0.5	EPA 624	
tert-Butylbenzene	µg/L	0.5	EPA 624	
Tetrachloroethene	µg/L	0.5	EPA 624	
Toluene	µg/L	0.5	EPA 624	
Total Xylene	µg/L	0.5	EPA 624	

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Parameter	Units	PQL	Method
trans-1,2-Dichloroethene	µg/L	0.5	EPA 624
trans-1,3-Dichloropropene	µg/L	0.5	EPA 624
trans-1-4-Dichloro-2-butene	µg/L	0.5	EPA 624
Trichloroethene	µg/L	0.5	EPA 624
Trichlorofluoromethane	µg/L	0.5	EPA 624
Vinyl acetate	µg/L	0.5	EPA 624
Vinyl Chloride	µg/L	0.5	EPA 624

Constituent:	Biosolids				
Sample Date	% Solids	Wet Tons (US)	Dry Tons (US)	Dry lbs.	Dry lbs/day
Jan-14	0.1471	475.76	69.98	139969	4515
Feb-14	0.1483	483.32	71.68	143353	5120
Mar-14	0.1408	454.02	63.93	127852	4124
Apr-14	0.1367	405.49	55.43	110861	3695
May-14	0.1429	336.24	48.05	96097	3100
Jun-14	0.1511	335.54	50.70	101400	3380
Jul-14	0.1529	313.17	47.88	95767	3089
Aug-14	0.1470	371.26	54.58	109150	3521
Sep-14	0.1457	363.53	52.97	105933	3531
Oct-14	0.1482	361.63	53.59	107187	3458
Nov-14	0.1550	336.71	52.19	104380	3479
Dec-14	0.1643	382.47	62.84	125680	4054
Jan-15	0.1449	475.61	68.916	137832	4446
Feb-15	0.1467	352.52	51.715	103429	3694
Mar-15	0.1388	456.06	63.301	126602	4084
Apr-15	0.1452	397.71	57.747	115495	3850
AVERAGE:	0.1472	393.82	57.84	115687	3821
Dewatered Sludge Flow Rate (mgd):	Specific Weight of Sludge, g				
0.003112	1				

SIU Data																				
1/2 PQL																				
Kimball Office																				
All values have units of mg/L. **TSS data point removed- 4/10/07 value of 902 mg/L because it is an outlier																				
Date	Flow	BOD	COD	TSS	NH3	As	Cd	Cr	Cu	Cn-	Pb	Hg	Mo	Ni	Se	Ag	Zn	Oil & Grease	TP	TOC
5/5/10	0.013618	58	175	13	0.09	0.003	0.00025	0.001	0.037		0.001	0.00025	0.002	0.001	0.0005	0.0005	0.031	8.9	0.173	
11/22/10	0.00094		1071	252		0.003	0.0005	0.004	0.245		0.013	0.00025	0.04	0.07	0.0005		0.249	148	0.882	
12/9/10	0.003				0.21	0.003	0.0005	0.001	0.039		0.002			0.002			0.069		3.51	
4/11/11	0.009858	89	417	252	71.5	0.012	0.0005	0.001	0.049		0.0025	0.00025	0.003	0.004	0.005	0.001	0.137	18.5	11.5	
4/11/11	0.004976	94	505		72.5	0.014	0.0005	0.003	0.061		0.007	0.00025	0.003	0.006	0.006	0.001	0.12	18	12.2	
6/15/11	0.005				97		0.0005													
6/15/11	0.004				66		0.0005													
6/22/11	0.0034				82.3															
6/23/11	0.0034				87.5															
12/22/11	0.004312		547	298	1	0.0096	0.0005	0.001	0.082											
12/20/12	0.0025						0.0005													
3/27/13	0.005	60	867	650	0.496	0.0025	0.0005	0.006	0.056		0.0005	0.000005	0.001	0.012	0.0025	0.001	0.68	10.6	1.02	
6/11/13	0.0037		468		99	0.00438	0.00018	0.00233	0.0401		0.00102	0.0000264	0.0021	0.00304	0.0005	0.0005	0.0951			
11/21/13	0.0027		797		0.337	0.00502	0.00025	0.0016	0.0145		0.00151	0.000005	0.00598	0.00494	0.0005	0.0005	0.256	20.6	0.214	200
4/29/14	0.006693	60	867	650	0.5	0.0025	0.0005	0.006	0.056		0.0005	0.000005	0.001	0.012	0.0005	0.001	0.68	10.6	1.02	
5/19/14	0.0035	8.58	43.3	106	0.162	0.002205	0.0005	0.0005	0.00718		0.0005	0.000005	0.00136	0.0005	0.0005	0.001	0.047	12.5	0.0366	
11/18/14	0.002181	94	667	106	0.335	0.0025	0.0005	0.0005	0.026		0.0005	0.000005	0.003	0.003	0.0005	0.001	0.228	12.5	0.189	
AVERAGE	0.005	66.226	584.027	290.875	38.595	0.005	0.000	0.002	0.059		0.003	0.000	0.006	0.011	0.002	0.001	0.236	28.911	3.074	200.000

SIU Data																				
1/2 PQL																				
Alk-Abello																				
All values have units of mg/L.																				
Date	Flow	BOD	COD	TSS	NH3	As	Cd	Cr	Cu	Cn-	Pb	Hg	Mo	Ni	Se	Ag	Zn	Oil & Grease	TP	TOC
8/5/2009		13		0		0.003			0.023		0.005						0.1		1.62	
12/3/2009	0.0019	104		39		0.006			0.025		0.004						0.0817			
5/24/2010	0.0012	21				0.001	0.002	0.008	0.143		0.001			0.03		0.02	0.032			
6/9/2010	0.000125	21		10		0.004	0.002	0.008	0.143		0.005			0.03		0.02	0.032			
11/29/2010	0.001635	47		32		0.005			0.036		0.007						0.152			
11/29/2010	0.0022	423	859	27		0.009		0.002	0.0253				0.001	0.01			0.085			
3/16/2011	0.0017	1400	1760			0.006	0.0005	0.001	0.242		0.003	0.00025	0.00025	0.005	0.003	0.0005	0.106			
6/23/2011	0.00119	102	220	23		0.005			0.0246		0.013						0.0898			
12/6/2011	0.001635	99	188	33					0.098			0.0002	0.01	0		0.02	0.067			
12/6/2011	0.00165	47		32		0.005	0.002	0.004	0.0382		0.007			0.03			0.152	2.4		
5/15/2012	0.0041	28				0.0033			0.0509		0.0018						0.0025			
5/15/2012	0.002	150	330	124		0.005	0.0005	0.001	0.074		0.0025	0.0001	0.001	0.0025	0.0025	0.001	0.059			
5/15/2013	0.003	62	189			0.0025	0.0005	0.001	0.14		0.0025	0.0002	0.001	0.0022	0.0025		0.039		0.82	
											0.00103									
5/21/2014	0.0025	26	122		0.357	0.00487	0.0005	0.0005	0.0705			0.005	0.0005	0.00148	0.0005	0.00536	0.0382		0.251	
AVERAGE	0.002	181.643	524.000	35.556	0.357	0.005	0.001	0.003	0.081		0.004	0.001	0.002	0.012	0.002	0.011	0.074	2.400	0.897	

SIU Data																				
1/2 PQL																				
Buck Knives																				
All values have units of mg/L.																				
Date	Flow	BOD	COD	TSS	NH3	As	Cd	Cr	Cu	Cn-	Pb	Hg	Mo	Ni	Se	Ag	Zn	Oil & Grease	TP	TOC
11/29/2005	0.0015	36	344	160	1	0.0005	0.00005	0.032	0.133		0.00822	0.00025		0.0905		0.0005	0.363	0		
12/1/2005	0.0012						0.001	0.02	0.01		0.003	0.00025		0.003		0.0005	0.2			
3/28/2006	0.002	200	790	2900	0.23		0.007	0.146	0.067		0.047	0.00025	0.039	0.347		0.0005	0.196	37	0.039	
5/24/2006	0.002	36	344	1700	0.23	0.004		0.352	0.111		0.029	0.00025		0.191		0.0005	0.295			
11/14/2006	0.0016	55	215	37	0.47	0.002		0.005	0.079		0.049	0.00025	0.016	0.038		0.0005	0.179	12.2	0.016	
4/18/2007	0.0025	33	166	30	0.23	0.001		0.002	0.029		0.008	0.00025	0.022	0.03		0.0005	0.049	4.47	0.022	
10/2/2007	0.00168	42	148	19	0.14			0.002	0.033		0.023	0.00025	0.011	0.051		0.0005	0.056		0.011	
4/29/2008	0.0022	45	160	8	0.2	0.001		0.003	0.024		0.027	0.00025	0.024	0.023		0.0005	0.073		0.024	
5/14/2008	0.0025	27	114	12	0.33			0.014	0.03		0.043	0.00025		0.017		0.0005	0.062			
10/22/2008	0.00168	35	220	6	0.32			0.007	0.031		0.0005	0.00025		0.029		0.0005	0.139			
4/13/2009	0.00126	24	131	11	0.2			0.003	0.091		0.007	0.00025	0.011	0.03		0.0005	0.062		0.011	
5/6/2009	0.00084	39	217	10	0.13		0.0007	0.007	0.036		0.0005	0.00025	0.034	0.034		0.0005	0.11	2.73	0.034	
10/13/2009	0.00126	24	24	11	0.2				0.091		0.007	0.00025		0.03		0.0005	0.062			
11/10/2009	0.00126	52	155	5	0.22			0.007	0.0017			0.00025		0.103		0.0005	0.061			
8/11/2010	0.0025		161	24			0.0005	0.003	0.025	0.044	0.001	0.00025	0.006	0.081		0.0005	0.018	5.59	0.006	
11/16/2010	0.00126	31	161	9	0.26	0.00136	0.0025	0.00447	0.0326		0.0033	0.00025		0.0334	0.0162	0.005	0.03			
5/14/2011	0.00126	71	258	24	0.3			0.009	0.037		0.011			0.029			0.044	3.16		
6/14/2011	0.00126	13.5	62.7	4	0.09	0.004	0.005		0.0005		0.003			0.0084			0.046	6.19		
11/15/2011	0.00126	70	232	23.3	0.59	0.0025	0.0005	0.0005	0.017		0.0025	0.00025		0.02	0.0025	0.001	0.0096	3.04	0.0125	
12/22/2011	0.002		132	25	0.6				0.0095				0.109	0.015			0.108		0.109	
5/3/2012	0.0025	120.00	557.00	33.00	0.65	0.0025	0.00	0.01	0.066		0.0025	0.0001		0.01	0.0025	0.0010	0.06	4.70		
12/20/2012	0.002		174	22				0.0044	0.0142				0.0066	0.0107			0.0185		0.0066	
11/21/2013	0.0025		297			0.0029	0.5	0.00296	0.0159				6.98	0.019			0.00133		6.98	92.1
9/9/2014	0.002		112			0.0005	0.0005		0.00872	0.018	0.0005	0.00025	0.0085	0.0302	0.0005	0.0005	0.0262	1	0.0316	46.7
5/28/2015	0.00252	25	278	26	0.592	0.0025	0.005	0.007	0.021		0.0025	0.0001		0.018		0.001				
11/18/2014	0.0021	67	368	16	0.378	0.0025	0.0005	0.292	0.012		0.0025	0.0001		0.01	0.0025	0.001	0.042			
2/3/2015	0.001					0.0025	0.001	0.299	0.012		0.018	0.0001			0.0025	0.001				
AVERAGE	0.00	52.28	232.83	222.40	0.35	0.00	0.04	0.05	0.04	0.03	0.01	0.0002	0.61	0.05	0.00	0.00	0.09	7.28	0.56	69.40

ATL Accurate Testing Labs, LLC

7950 Meadowlark Way Coeur d'Alene, ID 83815 Phone (208) 762 8378 Fax (208) 762 9082
 Web site: www.accuratetesting.com E-mail: info@accuratetesting.com

Bob Hatcher
 City of Post Falls Treatment
 2002 W. Seltice Way
 Post Falls, ID 83854

Order No.: 2010030347
 Description: Local Limits Study

Date Received: 03/29/2010

Certificate of Analysis

Sample No.: 1
 Location: Spokane River @ Avista Point
 Sample Type: GRABS

Matrix: Non-Potable Water
 D/T Collected: 03/29/2010 10:00:
 Collected By: Mark Barkley

Analyte	Result	Unit	PQL	Method	Analysis Date	Analyst
Silver	ND	ug/L	0.06	SM 3120	04/12/2010	WM
Arsenic	0.53	ug/L	0.1	SM 3120	04/12/2010	WM
Cadmium	0.20	ug/L	0.006	SM 3120	04/12/2010	WM
Chromium	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Copper	0.72	ug/L	0.05	SM 3120	04/12/2010	WM
Mercury	ND	ug/L	0.5	SM 3112	04/05/2010	WM
Molybdenum	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Nickel	0.21	ug/L	0.1	SM 3120	04/12/2010	WM
Lead	0.60	ug/L	0.06	SM 3120	04/12/2010	WM
Selenium	0.15	ug/L	0.1	SM 3120	04/12/2010	WM
Zinc	63.0	ug/L	0.1	SM 3120	04/12/2010	WM
Calcium	5.57	mg/L	0.06	SM 3120	04/05/2010	WM
Magnesium	1.72	mg/L	0.03	SM 3120	04/05/2010	WM
Hardness, Total (as CaCO3)	21.0	mg/L	0.2	SM 2340	04/05/2010	WM
Phosphorus, Total	ND	mg/L	0.05	EPA 365.3	04/01/2010	AC
Total Suspended Solids	ND	mg/L	1	SM 2540D	04/01/2010	WM

Sample No.: 2
 Location: Spokane River @ Avista Point
 Sample Type: GRABS

Matrix: Non-Potable Water
 D/T Collected: 03/29/2010 10:00:
 Collected By: Mark Barkley

Analyte	Result	Unit	PQL	Method	Analysis Date	Analyst
Cyanide	ND	mg/L	0.003	SM 4500CN C	04/09/2010	AC

Laboratory Supervisor
 Walter Mueller

04/12/2010

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ND: Not Detected PQL: Practical Quantitation Limit

ATL Accurate Testing Labs, LLC

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Bob Hatcher
 City of Post Falls Treatment
 2002 W. Seltice Way
 Post Falls, ID 83854

Order No.: 2010030380
 Description: Local Limits Study

Date Received: 03/30/2010

Certificate of Analysis

Sample No.: 1
 Location: Spokane River @ Avista Point
 Sample Type: GRABS

Matrix: Non-Potable Water
 D/T Collected: 03/30/2010 09:50:
 Collected By: Mark Barkley

Analyte	Result	Unit	PQL	Method	Analysis Date	Analyst
Silver	ND	ug/L	0.06	SM 3120	04/12/2010	WM
Arsenic	0.45	ug/L	0.1	SM 3120	04/12/2010	WM
Cadmium	0.21	ug/L	0.006	SM 3120	04/12/2010	WM
Chromium	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Copper	0.52	ug/L	0.05	SM 3120	04/12/2010	WM
Mercury	ND	ug/L	0.5	SM 3112	04/05/2010	WM
Molybdenum	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Nickel	0.21	ug/L	0.1	SM 3120	04/12/2010	WM
Lead	0.91	ug/L	0.06	SM 3120	04/12/2010	WM
Selenium	0.13	ug/L	0.1	SM 3120	04/12/2010	WM
Zinc	57.4	ug/L	0.1	SM 3120	04/12/2010	WM
Calcium	5.50	mg/L	0.05	SM 3120	04/05/2010	WM
Magnesium	1.75	mg/L	0.03	SM 3120	04/05/2010	WM
Hardness, Total (as CaCO ₃)	20.9	mg/L	0.2	SM 2340	04/05/2010	WM
Phosphorus, Total	ND	mg/L	0.05	EPA 365.3	04/01/2010	AC
Total Suspended Solids	1	mg/L	1	SM 2540D	04/01/2010	WM
Cyanide	ND	mg/L	0.003	SM 4500CN C	04/09/2010	AC

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 Laboratory Supervisor
 Walter Mueller

04/12/2010

Handwritten signature

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ND: Not Detected PQL: Practical Quantitation Limit

ATL Accurate Testing Labs, LLC

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Bob Hatcher
 City of Post Falls Treatment
 2002 W. Seltice Way
 Post Falls, ID 83854

Order No.: 2010030412
 Description: Local Limits Study

Date Received: 03/31/2010

Certificate of Analysis

Sample No.: 1
 Location: Spokane River @ Avista Pt
 Sample Type: GRABS

Matrix: Non-Potable Water
 D/T Collected: 03/31/2010 13:30:
 Collected By: Mark Barkley

Analyte	Result	Unit	PQL	Method	Analysis Date	Analyst
Hardness, Total (as CaCO ₃)	20.9	mg/L	0.2	SM 2340	04/05/2010	WM
Calcium	5.51	mg/L	0.17	EPA 200.7	04/05/2010	WM
Magnesium	1.73	mg/L	0.03	EPA 200.7	04/05/2010	WM
Cyanide	ND	mg/L	0.003	SM 4500CN C	04/09/2010	AC
Phosphorus, Total	ND	mg/L	0.05	EPA 365.3	04/01/2010	AC
Total Suspended Solids	ND	mg/L	1	SM 2540D	04/01/2010	WM
Silver	ND	ug/L	0.06	SM 3120	04/12/2010	WM
Arsenic	0.51	ug/L	0.1	SM 3120	04/12/2010	WM
Cadmium	0.20	ug/L	0.006	SM 3120	04/12/2010	WM
Chromium	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Copper	0.51	ug/L	0.05	SM 3120	04/12/2010	WM
Mercury	ND	ug/L	0.5	SM 3112	04/05/2010	WM
Molybdenum	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Nickel	0.24	ug/L	0.1	SM 3120	04/12/2010	WM
Lead	0.72	ug/L	0.06	SM 3120	04/12/2010	WM
Selenium	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Zinc	57.5	ug/L	0.1	SM 3120	04/12/2010	WM

Sample No.: 2
 Location: Field Blank
 Sample Type: Other

Matrix: DI-Water
 D/T Collected: 03/31/2010 13:30:
 Collected By: Mark Barkley

Analyte	Result	Unit	PQL	Method	Analysis Date	Analyst
Silver	ND	ug/L	0.06	SM 3120	04/12/2010	WM
Arsenic	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Cadmium	ND	ug/L	0.006	SM 3120	04/12/2010	WM

Laboratory Supervisor
 Walter Mueller

04/12/2010

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ND: Not Detected PQL: Practical Quantitation Limit

ATL Accurate Testing Labs, LLC

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Bob Hatcher
 City of Post Falls Treatment
 2002 W. Seltice Way
 Post Falls, ID 83854

Order No.: 2010040047
 Description: Local Limits Study

Date Received: 04/05/2010

Certificate of Analysis

Sample No.: 1
 Location: Spokane River @ Avista Pt
 Sample Type: GRABS

Matrix: Non-Potable Water
 D/T Collected: 04/05/2010
 Collected By: Mark Barkley

Analyte	Result	Unit	PQL	Method	Analysis Date	Analyst
Total Suspended Solids	2	mg/L	1	SM 2540D	04/08/2010	AC
Phosphorus, Total	ND	mg/L	0.05	EPA 365.3	04/08/2010	WM
Hardness, Total (as CaCO3)	21.7	mg/L	0.2	SM 2340	04/09/2010	WM
Calcium	5.74	mg/L	0.17	SM 3120	04/09/2010	WM
Magnesium	1.79	mg/L	0.03	SM 3120	04/09/2010	WM
Cyanide	ND	mg/L	0.003	SM 4500CN C	04/16/2010	AC
Silver	ND	ug/L	0.06	SM 3120	04/12/2010	WM
Arsenic	0.44	ug/L	0.1	SM 3120	04/12/2010	WM
Cadmium	0.21	ug/L	0.006	SM 3120	04/12/2010	WM
Chromium	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Copper	0.48	ug/L	0.05	SM 3120	04/12/2010	WM
Mercury	ND	ug/L	0.5	SM 3112	04/13/2010	WM
Molybdenum	0.12	ug/L	0.1	SM 3120	04/12/2010	WM
Nickel	0.20	ug/L	0.1	SM 3120	04/12/2010	WM
Lead	0.94	ug/L	0.06	SM 3120	04/12/2010	WM
Selenium	0.12	ug/L	0.1	SM 3120	04/12/2010	WM
Zinc	56.2	ug/L	0.1	SM 3120	04/12/2010	WM

Laboratory Supervisor
 Walter Mueller

04/16/2010

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ND: Not Detected PQL: Practical Quantitation Limit

ATL Accurate Testing Labs, LLC

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Bob Hatcher
 City of Post Falls Treatment
 2002 W. Seltice Way
 Post Falls, ID 83854

Order No.: 2010040088
 Description: Local Limits Study

Date Received: 04/06/2010

Certificate of Analysis

Sample No.: 1
 Location: Spokane River@ Avista Pt
 Sample Type: GRABS

Matrix: Non-Potable Water
 D/T Collected: 04/06/2010 10:45:
 Collected By: Mark Barkley

Analyte	Result	Unit	PQL	Method	Analysis Date	Analyst
Silver	ND	ug/L	0.06	SM 3120	04/12/2010	WM
Arsenic	0.40	ug/L	0.1	SM 3120	04/12/2010	WM
Cadmium	0.20	ug/L	0.006	SM 3120	04/12/2010	WM
Chromium	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Copper	0.59	ug/L	0.05	SM 3120	04/12/2010	WM
Mercury	ND	ug/L	0.5	SM 3112	04/13/2010	WM
Molybdenum	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Nickel	0.22	ug/L	0.1	SM 3120	04/12/2010	WM
Lead	0.74	ug/L	0.06	SM 3120	04/12/2010	WM
Selenium	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Zinc	59.4	ug/L	0.1	SM 3120	04/12/2010	WM
Calcium	5.75	mg/L	0.06	SM 3120	04/09/2010	WM
Magnesium	1.86	mg/L	0.03	SM 3120	04/09/2010	WM
Hardness, Total (as CaCO3)	22.0	mg/L	0.2	SM 2340	04/09/2010	WM
Phosphorus, Total	ND	mg/L	0.05	EPA 365.3	04/08/2010	WM
Total Suspended Solids	1	mg/L	1	SM 2540D	04/08/2010	AC
Cyanide	ND	mg/L	0.003	SM 4500CN C	04/16/2010	AC


 Laboratory Supervisor
 Walter Mueller

04/16/2010 

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ND: Not Detected PQL: Practical Quantitation Limit

ATL Accurate Testing Labs, LLC

7950 Meadowlark Way Coeur d'Alene, ID 83815 Phone (208) 762 8378 Fax (208) 762 9082
 Web site: www accuratetesting.com E-mail: info@accuratetesting.com

Bob Hatcher
 City of Post Falls Treatment
 2002 W. Seltice Way
 Post Falls, ID 83854

Order No.: 2010040116
 Description: Local Limits Study

Date Received: 04/07/2010

Certificate of Analysis

Sample No.: 1
 Location: Spokane River @ Avista Point
 Sample Type: GRABS

Matrix: Non-Potable Water
 D/T Collected: 04/07/2010 10:20:
 Collected By: Mark Barkley

Analyte	Result	Unit	PQL	Method	Analysis Date	Analyst
Silver	ND	ug/L	0.06	SM 3120	04/12/2010	WM
Arsenic	0.35	ug/L	0.1	SM 3120	04/12/2010	WM
Cadmium	0.21	ug/L	0.006	SM 3120	04/12/2010	WM
Chromium	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Copper	0.54	ug/L	0.05	SM 3120	04/12/2010	WM
Mercury	ND	ug/L	0.5	SM 3112	04/13/2010	WM
Molybdenum	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Nickel	0.21	ug/L	0.1	SM 3120	04/12/2010	WM
Lead	0.69	ug/L	0.06	SM 3120	04/12/2010	WM
Selenium	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Zinc	57.2	ug/L	0.1	SM 3120	04/12/2010	WM
Calcium	5.30	mg/L	0.06	SM 3120	04/09/2010	WM
Magnesium	1.83	mg/L	0.03	SM 3120	04/09/2010	WM
Hardness, Total (as CaCO3)	20.8	mg/L	0.2	SM 2340	04/09/2010	WM
Phosphorus, Total	ND	mg/L	0.05	EPA 365.3	04/08/2010	WM
Total Suspended Solids	1	mg/L	1	SM 2540D	04/13/2010	AC
Cyanide	ND	mg/L	0.003	SM 4500CN C	04/16/2010	AC

Laboratory Supervisor
 Walter Mueller

04/16/2010

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ND: Not Detected PQL: Practical Quantitation Limit

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E-mail: info@accuratetesting.com

Bob Hatcher
City of Post Falls Treatment
2002 W. Seltice Way
Post Falls, ID 83854

Order No.: 2010020330
Description: Spokane River-Cyanide

Date Received: 02/25/2010

Certificate of Analysis

Sample No.: 1
Location: Spokane River
Sample Type: COMPOSITES

Matrix: Non-Potable Water
D/T Collected: 02/24/2010 16:00:
Collected By: Mark Barkley


Analyte	Result	Unit	PQL	Method	Analysis Date	Analyst
Cyanide	ND	mg/L	0.003	SM 4600CN C	03/02/2010	AC

Sample No.: 2
Location: Field Blank
Sample Type: GRABS

Matrix: DI-Water
D/T Collected: 02/24/2010 08:00:
Collected By: Mark Barkley

Analyte	Result	Unit	PQL	Method	Analysis Date	Analyst
Cyanide	ND	mg/L	0.003	SM 4600CN C	03/02/2010	AC


Laboratory Supervisor
Waiter Mueller

03/02/2010 

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ND: Not Detected PQL: Practical Quantitation Limit

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7950 Meadowlark Way Coeur d'Alene, ID 83815 Phone (208) 762 8378 Fax (208) 762 9082
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Bob Hatcher
 City of Post Falls Treatment
 2002 W. Seltice Way
 Post Falls, ID 83854

Order No.: 2010040121
 Description: Local Limits Study

Date Received: 04/08/2010

Certificate of Analysis

Sample No.: 1
 Location: Spokane River @ Avista Point
 Sample Type: GRABS

Matrix: Waste Water
 D/T Collected: 04/08/2010 07:40:
 Collected By: Mark Barkley

Analyte	Result	Unit	PQL	Method	Analysis Date	Analyst
Silver	ND	ug/L	0.06	SM 3120	04/12/2010	WM
Arsenic	0.35	ug/L	0.1	SM 3120	04/12/2010	WM
Cadmium	0.22	ug/L	0.006	SM 3120	04/12/2010	WM
Chromium	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Copper	0.65	ug/L	0.05	SM 3120	04/12/2010	WM
Mercury	ND	ug/L	0.5	SM 3112	04/13/2010	WM
Molybdenum	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Nickel	0.26	ug/L	0.1	SM 3120	04/12/2010	WM
Lead	0.89	ug/L	0.06	SM 3120	04/12/2010	WM
Selenium	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Zinc	59.5	ug/L	0.1	SM 3120	04/12/2010	WM
Calcium	5.42	mg/L	0.06	SM 3120	04/09/2010	WM
Magnesium	1.81	mg/L	0.03	SM 3120	04/09/2010	WM
Hardness, Total (as CaCO ₃)	21.0	mg/L	0.2	SM 2340	04/09/2010	WM
Phosphorus, Total	ND	mg/L	0.05	EPA 385.3	04/08/2010	WM
Total Suspended Solids	3	mg/L	1	SM 2540D	04/13/2010	AC
Cyanide	ND	mg/L	0.003	SM 4500CN C	04/16/2010	AC

Laboratory Supervisor
 Walter Mueller

04/16/2010

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ND: Not Detected PQL: Practical Quantitation Limit

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Web site: www.accuratetesting.com E-mail: info@accuratetesting.com

Bob Hatcher
City of Post Falls Treatment
2002 W. Seltice Way
Post Falls, ID 83854

Order No.: 2010030412
Description: Local Limits Study
Date Received: 03/31/2010

Certificate of Analysis

Sample No.: 2
Location: Field Blank
Sample Type: Other

Matrix: DI-Water
D/T Collected: 03/31/2010 13:30
Collected By: Mark Barkley

Analyte	Result	Unit	PQL	Method	Analysis Date	Analyst
Chromium	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Copper	ND	ug/L	0.05	SM 3120	04/12/2010	WM
Mercury	ND	ug/L	0.5	SM 3112	04/05/2010	WM
Molybdenum	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Nickel	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Lead	ND	ug/L	0.06	SM 3120	04/12/2010	WM
Selenium	ND	ug/L	0.1	SM 3120	04/12/2010	WM
Zinc	ND	ug/L	0.1	SM 3120	04/12/2010	WM

field blank for river sampling


Laboratory Supervisor
Walter Mueller

04/12/2010



APPENDIX F.2
Local Limits Adoption Memo

MEMORANDUM

DATE: April 24, 2019
TO: Pretreatment File
FROM: John Beacham, Public Works Director
SUBJECT: Local Limits Recommendations Adoption

Introduction

On November 24, 2015 J-U-B Engineers delivered a Local Limits study to the City with recommended Local Limits and policies for the City's consideration. Those recommendations and the associated action by the City are summarized below. The limits recommend were adopted by City Council on March 19, 2019.

BMPs

The City will develop and publish appropriate BMPs for FOG generating businesses as needed and as recommended in Section 9 of the Local Limits Study Report.

Conventional Pollutants

Ammonia, CBOD5, TSS and Phosphorus are conventional pollutants in that the WRF is specifically designed to remove those compounds. The City will issue permits to users for these parameters on a case-by-case basis. In no case will a permit be issued which causes the net permitted allowance to exceed the MAIL for compound. Factors which will be considered when determining a case-by-case limit include, but are not limited to:

- Overall anticipated effect on treatment operations
- Acceleration of anticipated facility upgrades
- Magnitude of discharge relative to the facility
- Odor generation potential.

Metals

The City adopted the recommendation to retain the previous Local Limit for metals. In the case of zinc, the plant has experienced periodic difficulty with meeting the permit under current loading. It would be inadvisable to raise the local limit given this historic difficulty. In the case of the other metals, it is likely that the existing local limit is the reason loading to the plant is low. The effects of increasing the limit are uncertain and industrial users do not have difficulty meeting the current limit. Additionally, the MAILs will be included in the Local Limits and in no case will a permit be issued which causes the net permitted allowance to exceed the MAIL for compound.

Molybdenum, Nickel and Selenium

The Local Limits study recommended no local limit is currently needed for these parameters. As such, none were be adopted.

Updates since 2015

Since this study was completed, Kimball has ceased operations. The portion of the MAIL which was previously consumed by Kimball could be made available to a future industrial user. Lacking that analysis in a permit fact sheet, it is reserved for future growth. Another user, Burley Products has come into the system. Burley is a very small user and is unlikely to significantly affect local limit calculations. Comparatively, the newly available capacity from Kimball is greater than the newly consumed capacity from Burley Products.