

A. Permit Certificate

**MUNICIPAL  
REUSE PERMIT  
LA-000112-02**

**The City of Bellevue** LOCATED AT **115 E Pine Street, Bellevue, ID 83313** IS HEREBY AUTHORIZED TO CONSTRUCT, INSTALL, AND OPERATE A REUSE SYSTEM IN ACCORDANCE WITH THE RECYCLED WATER RULES (IDAPA 58.01.17), WASTEWATER RULES (IDAPA 58.01.16), THE GROUND WATER QUALITY RULE (IDAPA 58.01.11), AND ACCOMPANYING PERMIT, APPENDICES, AND REFERENCE DOCUMENTS. THIS PERMIT IS EFFECTIVE FROM THE DATE OF SIGNATURE AND EXPIRES ON **JUNE 29, 2016.**

 6-29-11

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Bill Allred  
Regional Administrator

Date:

**DEPARTMENT OF ENVIRONMENTAL QUALITY  
1363 Fillmore  
Twin Falls, ID 83301  
(208) 736-2190  
(208) 736-2194 fax**

**POSTING ON SITE RECOMMENDED**

## B. Permit Contents, Appendices, and Reference Documents

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### Appendices

1. Environmental Monitoring Serial Numbers
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### References

1. Plan of Operation (Operation and Maintenance Manual)

The Sections, Appendices, and Reference Documents listed on this page are all elements of Reuse Permit LA-000112-02 and are enforceable as such. This permit does not relieve the City of Bellevue, hereafter referred to as the permittee, from responsibility for compliance with other applicable federal, state or local laws, rules, standards or ordinances.

## C. Abbreviations, Definitions

<b>Ac-in</b>	Acre-inch. The volume of water or reuse water to cover 1 acre of land to a depth of 1 inch. Equal to 27,154 gallons (often estimated as 27,200 gallons).
<b>BMP(s)</b>	Best Management Practice(s)
<b>CFU</b>	Colony Forming Units
<b>COD</b>	Chemical Oxygen Demand
<b>DEQ or the Department</b>	Idaho Department of Environmental Quality
<b>Director</b>	Director of the Idaho Department of Environmental Quality, or the Directors Designee, i.e. Regional Administrator
<b>ET</b>	Evapotranspiration – Loss of water from the soil and vegetation by evaporation and by plant uptake (transpiration)
<b>ft</b>	Foot or feet
<b>GS</b>	Growing Season
<b>GW</b>	Ground Water
<b>GWQR</b>	IDAPA 58.01.11 “Ground Water Quality Rule”
<b>Guidance</b>	Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater
<b>HLR<sub>gs</sub></b>	Growing Season Hydraulic Loading Rate. Includes any combination of reuse water and supplemental irrigation water applied to land application hydraulic management units during the growing season. The HLR <sub>gs</sub> limit is specified in Section F. Permit Limits and Conditions.
<b>HLR<sub>ngs</sub></b>	Non-Growing Season Hydraulic Loading Rate. Includes any combination of reuse water and supplemental irrigation water applied to each hydraulic management unit during the non-growing season. If applicable, the HLR <sub>ngs</sub> limit is specified in Section F. Permit Limits and Conditions.
<b>HMU</b>	Hydraulic Management Unit (Serial Number designation is MU)
<b>IWR</b>	Irrigation Water Requirement – Any combination of reuse water and supplemental irrigation water applied at rates commensurate to the moisture requirements of the crop:  $IWR = P_{def} / E_i$ Where: $P_{def}$ = Precipitation deficit (crop specific) $E_i$ = irrigation system efficiency.
<b>IDAPA</b>	Idaho Administrative Procedures Act
<b>LG</b>	Lagoon
<b>lb/ac-day</b>	Pounds (of constituent) per acre per day
<b>MG</b>	Million Gallons (1 MG = 36.827 acre-inches)
<b>MGA</b>	Million Gallons Annually (per reporting year)
<b>NGS</b>	Non-Growing Season

### C. Abbreviations, Definitions

<b>NVDS</b>	Non-Volatile Dissolved Solids (Total Dissolved Solids less Volatile Dissolved Solids)
<b>O&amp;M Manual</b>	Operation and Maintenance Manual, also referred to as the Plan of Operation
<b>QAPP</b>	Quality Assurance Program Plan
<b>RCO</b>	Responsible Charge Operator
<b>RI</b>	Rapid Infiltration
<b>SAR</b>	Sodium Adsorption Ratio
<b>SI</b>	Supplemental Irrigation
<b>Soil AWC</b>	Soil Available Water Holding Capacity - the plant-available water storage capability of a soil to a depth at which plant roots can utilize the stored moisture (typically 60 inches or root limiting layer).
<b>SMU</b>	Soil Monitoring Unit (Serial Number designation is SU)
<b>SR</b>	Slow Rate
<b>SRCO</b>	Substitute Responsible Charge Operator
<b>SW</b>	Surface Water
<b>TDS</b>	Total Dissolved Solids also referred to as Total Filterable Residue
<b>TDIS</b>	Total Dissolved Inorganic Solids – The summation of chemical concentration results in mg/L for the following common ions: calcium, magnesium, potassium, sodium, chloride, sulfate, and 0.6 times alkalinity (alkalinity expressed as calcium carbonate). Nitrate, Silica and fluoride should be included if present in significant quantities (i.e. > 5 mg/L each).
<b>TMDL</b>	Total Maximum Daily Load – The sum of the individual waste-load allocations (WLAs) for point sources, Load Allocations (LAs) for non-point sources, and natural background. Such load shall be established at a level necessary to implement the applicable water quality standards with seasonal variations and a margin of safety that takes into account any lack of knowledge concerning the relationship between effluent limitations and water quality.
<b>Total Nitrogen</b>	Total Nitrogen is defined as the sum of all forms of nitrogen present in a sample. Total Nitrogen is determined by adding the values of the Total Kjeldahl Nitrogen (TKN), Nitrate-N and Nitrite-N laboratory results.
<b>Typical Crop Uptake</b>	Typical Crop Uptake is defined as the median constituent crop uptake from the three (3) most recent years the crop has been grown. Typical Crop Uptake is determined for each hydraulic management unit. For new crops having less than three years of on-site crop uptake data, regional crop yield data and typical nutrient content values, or other values approved by DEQ may be used.
<b>USGS</b>	United States Geological Survey
<b>Reporting Year</b>	The reporting year begins with the non-growing season and extends through the growing season of the following year, typically November 01 – October 31.
<b>WW</b>	Wastewater

## D. Facility Information

<b>Legal Name of Permittee</b>	City of Bellevue
<b>Type of Reuse water</b>	Municipal (Class C)
<b>Method of Treatment</b>	Pre-screening, bioselectors, membrane bioreactor (MBR), chlorine disinfection
<b>Facility Location</b>	Treatment plant and reuse areas are approximately 4 miles southwest of Bellevue, Idaho
<b>Legal Location</b>	Township 1N, Range 18E, Section 14
<b>County</b>	Blaine
<b>USGS Quad</b>	Bellevue
<b>Soils on Site</b>	Little Wood very gravelly loam, 0 to 2 percent slopes Little Wood gravelly loam, 0 to 2 percent lopes Adamson loam, 0 to 2 percent slopes
<b>Depth to Ground Water</b>	20 – 100 feet
<b>Beneficial Uses of Ground Water</b>	Domestic drinking water, agriculture
<b>Nearest Surface Water</b>	Big Wood River (~1000 ft)
<b>Beneficial Uses of Surface Water</b>	Cold water aquatic life Primary and secondary recreation Agricultural irrigation
<b>Responsible Official</b> <b>Mailing Address</b>	Mr. Christopher Koch, Mayor City of Bellevue P.O. Box 825 Bellevue, Idaho 83313
<b>Phone / Fax</b>	(208) 788-2128 / (208) 788-2092

## E. Compliance Schedule for Required Activities

The *Activities* in the following table shall be completed on or before the *Completion Date* unless modified by the Department in writing.

<b>Compliance Activity Number Completion Date</b>	<b>Compliance Activity Description</b>
<p><b>CA-112-01</b></p> <p><b>Six (6) Months after Permit Issuance</b></p>	<p>An updated Plan of Operation (Operation and Maintenance Manual or O&amp;M Manual) for the reuse facilities, incorporating the requirements of this permit, shall be submitted to DEQ for review and approval. The Plan of Operation shall be designed for use as an operator guide for actual day-to-day operations to meet permit requirements and shall include daily sampling and monitoring requirements to assess the adequacy of wastewater treatment facility operation. The Plan of Operation shall contain at a minimum all of the information in the latest revision of the Plan of Operation Checklist. The Plan of Operation shall also include the following:</p> <ol style="list-style-type: none"> <li>1) Runoff Management Plan for control and mitigation of site runoff. This plan shall include administrative procedures and practices to avoid producing runoff from the site; and</li> <li>2) Quality Assurance Project Plan (QAPP) for monitoring required in this permit. The plan shall cover field activities; laboratory analytical methods and other activities; data verification and validation; data storage, retrieval and assessment; and monitoring program evaluation and improvement.</li> <li>3) Odor Management Plan for wastewater treatment systems and reuse facilities. The plan shall include specific design considerations, operations and maintenance procedures, and management practices to be employed to minimize the potential for or limit odors. The plan shall also include procedures to respond to an odor incident, if one occurs, and include notification procedures.</li> </ol>
<p><b>CA-112-02</b></p> <p><b>Twelve (12) Months after permit issuance</b></p>	<p>The permittee shall submit for DEQ review and approval a RI Basin Loading Report. The report is to include analysis of past impacts to groundwater from loading of the RI basins as well as a forecast of projected impacts from future treated effluent. In the analysis of these impacts, the facility would be requested to address basin sizing and flow volumes as well as discuss whether the current groundwater monitoring network is adequate to accurately predict downgradient impacts from high loads to the RI basins. This report should include recommendations based on the results of the analysis and a schedule of implementation for proposed modifications.</p>

### E. Compliance Schedule for Required Activities

<b>Compliance Activity Number Completion Date</b>	<b>Compliance Activity Description</b>
<b>CA-112-03</b>  <b>Eight (8) Months after Permit Issuance to submit the Seepage Testing Plan</b>  <b>Complete seepage testing of all required structures by April 15, 2012</b>	<p>Submit a seepage testing plan that defines the approach and testing procedures to conduct seepage testing in accordance with methods approved by DEQ on all wastewater treatment and storage lagoons at this site.</p> <p>Upon DEQ approval of the plan, conduct the seepage testing of the structures in the approved plan and submit test results to DEQ. The seepage performance standard must meet the Operating Standard as required in IDAPA 58.01.16.493.03b, "Wastewater Rules."</p> <p>If a properly tested lagoon leaks at a rate higher than the Operating Standard, then the permittee must meet the requirements for Lagoons Leaking Above the Allowable Amount as found in IDAPA 58.01.16.493.04.</p> <p>Additionally, for all wastewater treatment and storage lagoons modifications repair or other situations that could change the permeability of the liner will require seepage testing prior to returning the lagoon to service.</p>
<b>CA-112-04</b>  <b>With Each Annual Report</b>	<p>The permittee is requested to submit with each annual report under this permit a Crop Tissue Monitoring Results Summary that discusses all crop tissue analysis results and calculates the crop nutrient uptake for nitrogen and phosphorus during the previous growing season. Once the permittee has three years worth of data, a nitrogen loading limit of "150% of Typical Crop Uptake" will be in effect.</p>
<b>CA-112-05</b>  <b>One hundred eighty (180) days prior to permit expiration</b>	<p>Submit an application package to DEQ for permit renewal.</p>

## F. Permit Limits and Conditions

Category	Permit Limits and Conditions																																																					
Type of Reuse Water	Municipal (Class C)																																																					
Application Site Area	SR Irrigation systems: 135 acres RI basins: 1.27 acres (3 basins)																																																					
Application Season	GS: May 1 through September 30 (153 days) Overlap <sup>1</sup> : October 1 through 31 (31 days) NGS: November 1 through April 30 (181 days)																																																					
Reuse water Loading	GS+Overlap: Reuse water to be applied to irrigated pivots Overlap+NGS: Reuse water to be applied to RI basins																																																					
SR field HLR (GS, includes reuse water and supplemental irrigation water, if used)	<p>HLR shall be substantially equal to the IWR throughout the growing season. No reuse water is to be applied to the fields during the NGS.</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th colspan="3" style="text-align: center;">Alfalfa – less frequent cuttings</th> <th colspan="2" style="text-align: center;">Spring Grain - irrigated</th> </tr> <tr> <th style="text-align: center;">Inches*</th> <th style="text-align: center;">MG (Field 1)</th> <th style="text-align: center;">MG (Field 2)</th> <th style="text-align: center;">Inches*</th> <th style="text-align: center;">MG (Field 2)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">May</td> <td style="text-align: center;">4.04</td> <td style="text-align: center;">12.05</td> <td style="text-align: center;">2.74</td> <td style="text-align: center;">1.97</td> <td style="text-align: center;">1.34</td> </tr> <tr> <td style="text-align: center;">June</td> <td style="text-align: center;">8.25</td> <td style="text-align: center;">24.65</td> <td style="text-align: center;">5.60</td> <td style="text-align: center;">6.24</td> <td style="text-align: center;">4.23</td> </tr> <tr> <td style="text-align: center;">July</td> <td style="text-align: center;">7.40</td> <td style="text-align: center;">22.12</td> <td style="text-align: center;">5.03</td> <td style="text-align: center;">11.49</td> <td style="text-align: center;">7.80</td> </tr> <tr> <td style="text-align: center;">August</td> <td style="text-align: center;">8.41</td> <td style="text-align: center;">25.13</td> <td style="text-align: center;">5.71</td> <td style="text-align: center;">8.30</td> <td style="text-align: center;">5.63</td> </tr> <tr> <td style="text-align: center;">September</td> <td style="text-align: center;">3.50</td> <td style="text-align: center;">10.44</td> <td style="text-align: center;">2.37</td> <td style="text-align: center;">1.54</td> <td style="text-align: center;">1.05</td> </tr> <tr> <td style="text-align: center;">October</td> <td style="text-align: center;">1.33</td> <td style="text-align: center;">3.99</td> <td style="text-align: center;">0.91</td> <td style="text-align: center;">---</td> <td style="text-align: center;">---</td> </tr> <tr> <td style="text-align: center;">Total</td> <td style="text-align: center;">32.94</td> <td style="text-align: center;">98.38</td> <td style="text-align: center;">22.36</td> <td style="text-align: center;">29.54</td> <td style="text-align: center;">20.05</td> </tr> </tbody> </table> <p style="font-size: small; margin-top: 5px;">*Based on ET data from <a href="http://www.kimberly.uidaho.edu/ETIdaho/stninfo.php?station=103942">http://www.kimberly.uidaho.edu/ETIdaho/stninfo.php?station=103942</a>, assuming 75% sprinkler efficiency.</p>		Alfalfa – less frequent cuttings			Spring Grain - irrigated		Inches*	MG (Field 1)	MG (Field 2)	Inches*	MG (Field 2)	May	4.04	12.05	2.74	1.97	1.34	June	8.25	24.65	5.60	6.24	4.23	July	7.40	22.12	5.03	11.49	7.80	August	8.41	25.13	5.71	8.30	5.63	September	3.50	10.44	2.37	1.54	1.05	October	1.33	3.99	0.91	---	---	Total	32.94	98.38	22.36	29.54	20.05
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RI basin HLR (NGS, reuse water only)	63 MG (unless modified by CA-112-02)																																																					
Livestock Grazing	No grazing allowed without approved Grazing Management Plan.																																																					
Ground Water Quality	Reuse water activities conducted under this permit shall not cause a violation of the GWQR.																																																					
Maximum Nitrogen Loading Rate, pounds/acre-year, each SR HMU (includes applied fertilizers, if used)	204 lbs/acre (until completion of CA-112-04) 150% of Typical Crop Uptake (thereafter)																																																					

GS ends when reuse water is diverted to RI basins in October.

## F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Buffer Zones	<p>All buffer zones must comply with local zoning ordinances, at minimum. Other minimum buffer zones are as follows:</p> <ul style="list-style-type: none"> <li>• 300 ft from SR fields to inhabited dwellings</li> <li>• 50 ft from RI basins to inhabited dwellings</li> <li>• 0 ft from all reuse sites to areas accessible by the public</li> <li>• 100 ft from all reuse sites to permanent and intermittent surface water</li> <li>• 25 feet from all reuse sites to irrigation ditches and canals</li> <li>• 500 feet from all reuse sites to private water supply wells<sup>1</sup></li> <li>• 1000 feet from all reuse sites to public water supply wells<sup>1</sup></li> <li>• Berms and other BMPs shall be used to protect the well head of on-site wells.</li> </ul> <p>1) These buffer zone distances shall be maintained unless a Department-approved well location acceptability analysis indicates an alternative buffer zone is acceptable</p>
Disinfection Requirement	<p>The median number of total coliform organisms shall not exceed 23 colony forming units (CFU) per 100 milliliters (CFU/100 mL), as determined from the results of the last five (5) days for which the analyses have been completed. In addition the number of total coliform organisms shall not exceed 230 CFU per 100 milliliters in any confirmed sample.</p>
Fencing and Posting	<p>Signs shall be posted around the perimeter of the buffer zones of the reuse sites which read ‘Warning: Recycled Water –Do Not Enter’ or equivalent in both English and Spanish.</p>
Runoff Control	<p>Upon approval of the Runoff Management Plan by DEQ, required as part of the Plan of Operation in Section E CA-105-01 of this permit, the permittee shall implement the plan.</p>
Allowable Crops	<p>Crops grown for direct human consumption (those crops that are not processed prior to consumption) are not allowed.</p>
Construction Plans	<p>Prior to construction or modification of all reuse water facilities associated with the land application system or expansion, detailed plans and specifications shall be submitted for review and approval by DEQ. Within 30 days of completion of construction, the permittee shall submit as-built plans for DEQ review and approval.</p>
Sludge Application	<p>A Sludge (Biosolids) Disposal Plan must be submitted to and approved by DEQ prior to any land application of waste solids from the lagoons to meet the requirements of part 650 of IDAPA 58.01.16, “Wastewater Rules.”</p> <p>Additionally biosolids must be used in ways that meet all regulations, including federal and state laws and local ordinances.</p>

## F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Odor Management	The reuse facilities and other operations associated with the facility shall not create a public health hazard or nuisance conditions including odors. These facilities shall be managed in accordance with a DEQ-approved Odor Management Plan which is part of the Plan of Operation, see Section E CA-112-01. In the event that nuisance odors occur, and are verified by DEQ, the Plan shall be revised as necessary to eliminate or minimize the recurrence of nuisance odors.

## G. Monitoring Requirements

The Permittee is allowed to apply reuse water and treat it on a land application site as prescribed in the table below and in accordance with all other applicable permit conditions and schedules.

- 1) Appropriate analytical methods, as given in the *Idaho Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater*, or as approved by the Idaho Department of Environmental Quality (hereinafter referred to as DEQ), shall be employed. A description of approved sample collection methods, appropriate analytical methods and companion QA/QC protocol shall be included in the facility's Quality Assurance Project Plan (QAPP), which shall be part of the Operation and Maintenance Manual (see Compliance Activity CA-112-01).
- 2) The permittee shall monitor and measure parameters as stated in the Facility Monitoring Table in this section.
- 3) Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored.
- 4) Unless otherwise agreed to in writing by DEQ, data collected and submitted shall include, but not be limited to, the parameters and frequencies in the Facility Monitoring Table on the following pages. Monitoring is required at the frequency shown in the table below if reuse water is applied anytime during the time period shown.
- 5) Ten (10) soil sample locations shall be selected for each SMU. Two (2) soil samples shall be collected at each sample location, one at 0-12 inches, and one at 12-24 inches, or refusal. The soil samples collected at each depth shall be composited to yield two (2) samples for analysis for each SMU.
- 6) Ground Water Monitoring Procedure: Ground water monitoring wells shall be purged a minimum of three casing volumes and/or until field measurements for pH, specific conductance and temperature meet the following conditions: two successive temperature values measured at least five minutes apart are within one degree Celsius of each other, pH values for two successive measurements measured at least five minutes apart are within 0.2 units of each other, and two successive specific conductance values measured at least five minutes apart are within 10% of each other. This procedure will determine when the wells are suitable for sampling for constituents required by the permit. Other procedures, such as low flow sampling, may be considered by DEQ for approval. The static water level shall be measured prior to pumping or sampling for ground water.
- 7) Annual reporting of monitoring requirements is described in Section H, Standard Reporting Requirements.
- 8) Monitoring locations are defined in Appendix 1, "Environmental Monitoring Serial Numbers".

## G. Monitoring Requirements

### Facility Monitoring Table

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
Weekly (when irrigating SR fields)	Discharge point of reuse water to SR fields (WW-011201)	Grab sample	Total coliform (CFU/100 mL)
Monthly (when irrigating SR fields)	Discharge point of reuse water to SR fields (WW-011201)	Grab Sample	TKN Nitrite + Nitrate-Nitrogen Total Phosphorus
Monthly (when irrigating SR fields)	SI water to SR fields	Grab Sample	TKN Nitrite + Nitrate-Nitrogen Total Phosphorus
Monthly (when applying to RI basins)	Discharge point of reuse water to RI basins (WW-011201)	Grab Sample	TKN Nitrite + Nitrate-Nitrogen Total Phosphorus COD TSS Total coliform (CFU/100 mL)
Annually (April)	All SMUs	Composite soil samples, see note 5	Nitrate-nitrogen Ammonia-nitrogen pH Plant available phosphorus (use Olsen Method for soils with pH 6.5 or greater, use Bray Method if soil pH is less than 6.5)
Annually (May)	All GW monitoring locations	Grab Sample, see note 6	Depth to GW Ground water elevation Total nitrogen Chloride Ammonia-nitrogen pH
Annually (each harvest)	All HMUs	Plant tissue sampling	Total nitrogen, Total phosphorus, Ash, Moisture content
Annually	Annual Report	Loading Calculations (SR fields)	Total nitrogen (lbs/acre) Phosphorus (lbs/acre) Reuse water applied (MGA and in/acre) SI water applied (MGA and in/acre) Fertilizer applied (lbs/acre)
		Nutrient Concentrations (RI basins)	Total nitrogen (mg/L) Phosphorus (mg/L) COD (mg/L) TSS (mg/L)

## G. Monitoring Requirements

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
Annually	Annual Report	Reuse water applied to each RI basin	MG Date of first dose in October
		Crop information (each SR field)	Crop type Number of cuttings Crop yield (tons/acre, dry basis)
		Crop Nutrient Uptake calculations from plant tissue analysis or standard tables	Nitrogen uptake (lbs/acre) Phosphorus uptake (lbs/acre)
	All supplemental irrigation directly connected to the reuse water distribution system	Backflow testing	Document the testing of all backflow prevention devices for all supplemental irrigation directly connected to the reuse water distribution system(s). Report the testing date(s) and result of the test (pass or fail). If any test failed, report the date of repair or replacement of backflow prevention device, and if the repaired/replaced device is operating correctly.
	All flow measurement locations	Flow measurement calibration for all flows	Document the flow measurement calibration of all flow meters and pumps used directly or indirectly to measure all reuse water and supplemental irrigation water to each HMU. Calibration is to be performed according to the manufacturer's recommendation or every two (2) years, whichever is more frequent.

## H. Standard Reporting Requirements

- 1.) The Permittee shall submit an Annual Reuse Water Treatment Site Performance Report (“Annual Report”) prepared by a competent environmental professional no later than January 31 of each year, which shall cover the previous reporting year. The Annual Report shall include an interpretive discussion of monitoring data (ground water, soils, hydraulic loading, reuse water etc.) with particular respect to environmental impacts by the facility.
- 2.) The annual report shall contain the results of the required monitoring as described in *Section G. Monitoring Requirements*. If the permittee monitors any parameter more frequently than required by this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the annual report.
- 3.) The annual report shall be submitted to the Engineering Manager in the following Regional DEQ Office:  
  
Twin Falls Regional Office  
1363 Fillmore St.  
Twin Falls, ID 83301  
208-736-2190
- 4.) Notice of completion of any work described in *Section E. Compliance Schedule for Required Activities* shall be submitted to the Department within 30 days of activity completion. The status of all other work described in Section E shall be submitted with the Annual Report.
- 5.) All laboratory reports containing the sample results for monitoring required by *Section G. Monitoring Requirements* of this permit shall be submitted with the Annual Report.

## I. Standard Permit Conditions: Procedures and Reporting

1. The permittee shall at all times properly maintain and operate all structures, systems, and equipment for treatment, operational controls and monitoring, which are installed or used by the permittee to comply with all conditions of the permit or the Reuse Rules, in conformance with a DEQ approved, current Plan of Operations (Operations and Maintenance Manual) which describes in detail the operation, maintenance, and management of the reuse water treatment system. This Plan of Operations shall be updated as necessary to reflect current operations.
2. Reuse water(s) or recharge waters applied to the land surface must be restricted to the premises of the application site. Reuse water discharges to surface water that require a permit under the Clean Water Act must be authorized by the U.S. Environmental Protection Agency.
3. Reuse water must not create a public health hazard or nuisance condition as stated in IDAPA 58.01.16.600.03. In order to prevent public health hazards and nuisance conditions the permittee shall:
  - a. Apply reuse water as evenly as practicable to the treatment area;
  - b. Prevent organic solids (contained in the reuse water) from accumulating on the ground surface to the point where the solids putrefy or support vectors or insects; and
  - c. Prevent reuse water from ponding in the fields to the point where the ponded reuse water putrefies or supports vectors or insects.
4. The permittee shall:
  - a. Manage the reuse water treatment site as an agronomic operation where vegetative cover is grown and harvested or grazed to utilize the nutrients and minerals in the reuse water, and,
  - b. Not hydraulically overload any particular areas of the reuse water treatment site.
5. All waste solids, including dredgings and sludges, shall be utilized or disposed in a manner which will prevent their entry, or the entry of contaminated drainage or leachate therefrom, into the waters of the state such that health hazards and nuisance conditions are not created; and to prevent impacts on designated beneficial uses of the ground water and surface water. The permittee's management of waste solids shall be governed by the terms of the DEQ approved Waste Solids Management Plan, which upon approval shall be an enforceable portion of this permit.
6. If the permittee intends to continue operation of the permitted facility after the expiration of an existing permit, the permittee shall apply for a new permit at least six months prior to the expiration date of the existing permit in accordance with the Reuse Rules.
7. The permittee shall allow the Director of the Idaho Department of Environmental Quality or the Director's designee (hereinafter referred to as Director), consistent with Title 39, Chapter 1, Idaho Code, to:
  - a. Enter the permitted facility,
  - b. Inspect any records that must be kept under the conditions of the permit.
  - c. Inspect any facility, equipment, practice, or operation permitted or required by the permit.
  - d. Sample or monitor for the purpose of assuring permit compliance, any substance or any parameter at the facility.
8. The permittee shall report to the Director under the circumstances and in the manner specified in this section:
  - a. In writing thirty (30) days before any planned physical alteration or addition to the permitted facility or activity if that alteration or addition would result in any significant change in information that was submitted during the permit application process.
  - b. In writing thirty (30) days before any anticipated change which would result in non-compliance with any permit condition or these regulations.
  - c. Orally within twenty-four (24) hours from the time the permittee became aware of any non-compliance which may endanger the public health or the environment at telephone numbers provided in the permit by the Director (see below)

DEQ Regional Office: see Permit Certificate Page  
Emergency 24 Hour Number: 1-800-632-8000

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## I. Standard Permit Conditions: Procedures and Reporting

- d. In writing as soon as possible but within five (5) days of the date the permittee knows or should know of any non-compliance unless extended by the DEQ. This report shall contain:
    - i. A description of the non-compliance and its cause;
    - ii. The period of non-compliance including to the extent possible, times and dates and, if the non-compliance has not been corrected, the anticipated time it is expected to continue; and
    - iii. Steps taken or planned to reduce or eliminate reoccurrence of the non-compliance.
  - e. In writing as soon as possible after the permittee becomes aware of relevant facts not submitted or incorrect information submitted, in a permit application or any report to the Director. Those facts or the correct information shall be included as a part of this report.
9. The permittee shall take all necessary actions to prevent or eliminate any adverse impact on the public health or the environment resulting from permit noncompliance.
10. The permittee shall determine (on an on-going basis) if any noxious weed problems relate to the permitted sites. If problems are present, coordinate with the Idaho Department of Agriculture or the local County authority regarding their requirements for noxious weed control. Also address these control operations in an update to the Operations and Maintenance Manual.

## J. Standard Permit Conditions: Modifications, Violation, and Revocation

1. The permittee shall furnish to the Director within reasonable time, any information including copies of records, which may be requested by the Director to determine whether cause exists for modifying, revoking, re-issuing, or terminating the permit, or to determine compliance with the permit or these regulations.
2. Both minor and major modifications may be made to this permit as stated in IDAPA 58.01.17.700 with respect to any conditions stated in this permit upon review and approval of the DEQ.
3. Whenever a facility expansion, production increase or process modification is anticipated which will result in a change in the character of pollutants to be discharged or which will result in a new or increased discharge that will exceed the conditions of this permit, or if it is determined by the DEQ that the terms or conditions of the permit must be modified in order to adequately protect the public health or environment, a request for either major or minor modifications must be submitted together with the reports as described in Section I. *Standard Reporting Requirements*, and plans and specifications for the proposed changes. No such facility expansion, production increase or process modification shall be made until plans have been reviewed and approved by the DEQ and a new permit or permit modification has been issued.
4. Permits shall be transferable to a new owner or operator provided that the permittee notifies the Director by requesting a minor modification of the permit before the date of transfer.
5. Any person violating any provision of the Recycled Water Rules, or any permit or order issued thereunder shall be liable for a civil penalty not to exceed ten thousand dollars (\$10,000) or one thousand dollars (\$1,000) for each day of a continuing violation, whichever is greater. In addition, pursuant to Title 39, Chapter 1, Idaho Code, any willful or negligent violation may constitute a misdemeanor.
6. The Director may revoke a permit if the permittee violates any permit condition or the *Recycled Water Rules*.
7. Except in cases of emergency, the Director shall issue a written notice of intent to revoke to the permittee prior to final revocation. Revocation shall become final within thirty-five (35) days of receipt of the notice by the permittee, unless within that time the permittee request an administrative hearing in writing to the Board of Environmental Quality pursuant to the Rules of Administrative Procedures contained in IDAPA 58.01.23.
8. If, pursuant to Idaho Code 67-5247, the Director finds the public health, safety or welfare requires emergency action, the Director shall incorporate findings in support of such action in a written notice of emergency revocation issued to the permittee. Emergency revocation shall be effective upon receipt by the permittee. Thereafter, if requested by the permittee in writing, a revocation hearing before the Board of Environmental Quality shall be provided. Such hearings shall be conducted in accordance with the Rules of Administrative Procedures contained in IDAPA 58.01.23.
9. The provisions of this permit are severable and if a provision or its application is declared invalid or unenforceable for any reason, that declaration will not affect the validity or enforceability of the remaining provisions.
10. The permittee shall notify the DEQ at least six (6) months prior to permanently removing any permitted reuse facility from service, including any treatment, storage, or other facilities or equipment associated with the reuse site. Prior to commencing closure activities, the permittee shall: a) participate in a pre-site closure meeting with the DEQ; b) develop a site closure plan that identifies specific closure, site characterization, or cleanup tasks with scheduled task completion dates in accordance with agreements made at the pre-site closure meeting; and c) submit the completed site closure plan to the DEQ for review and approval within forty-five (45) days of the pre-site closure meeting. The permittee must complete the DEQ approved site closure plan.

Appendix 1  
Environmental Monitoring Serial Numbers

**Hydraulic Management Units**

Serial Number	Description	Previous Acres	Current Acres	Status
MU-011201	RI Basin 1	0.48	---	Inactive
MU-011202	RI Basin 2	0.96	0.56	Active
MU-011203	RI Basin 3	0.48	0.31	Active
MU-011204	RI Basin 4	0.96	0.40	Active
MU-011205	SR Field 1	110	110	Active
MU-011206	SR Field 2	25	25	Active

**Reuse Water Sampling Points**

Serial Number	Description / Location	Status
WW-011201	Effluent prior to RI basin or SR field	Active
WW-011202	Influent prior to treatment plant	Inactive

**Ground Water Monitoring Points**

Serial Number	Description	Gradient
GW-011201	MW A (Offsite along Glendale Rd)	Up
GW-011202	MW B (Between Field 2 and Cell A)	Mid
GW-011203	MW C (Between Fields 1 and 2)	Mid

**Lagoons**

Serial Number	Description
LG-011201	Cell A
LG-011202	Cell B
LG-011203	Cell C

Appendix 1  
Environmental Monitoring Serial Numbers  
Soil Monitoring Units

<b>Serial Number</b>	<b>Description</b>	<b>Associated HMU</b>
SU-011201	SR Field 1	MU-011205
SU-011202	SR Field 2	MU-011206

Appendix 2  
Site Map

**Site Maps**

- a) Figure 1. City of Bellevue/WWTP Vicinity Map
- b) Figure 2. City of Bellevue Site Map

# Appendix 2 Site Map

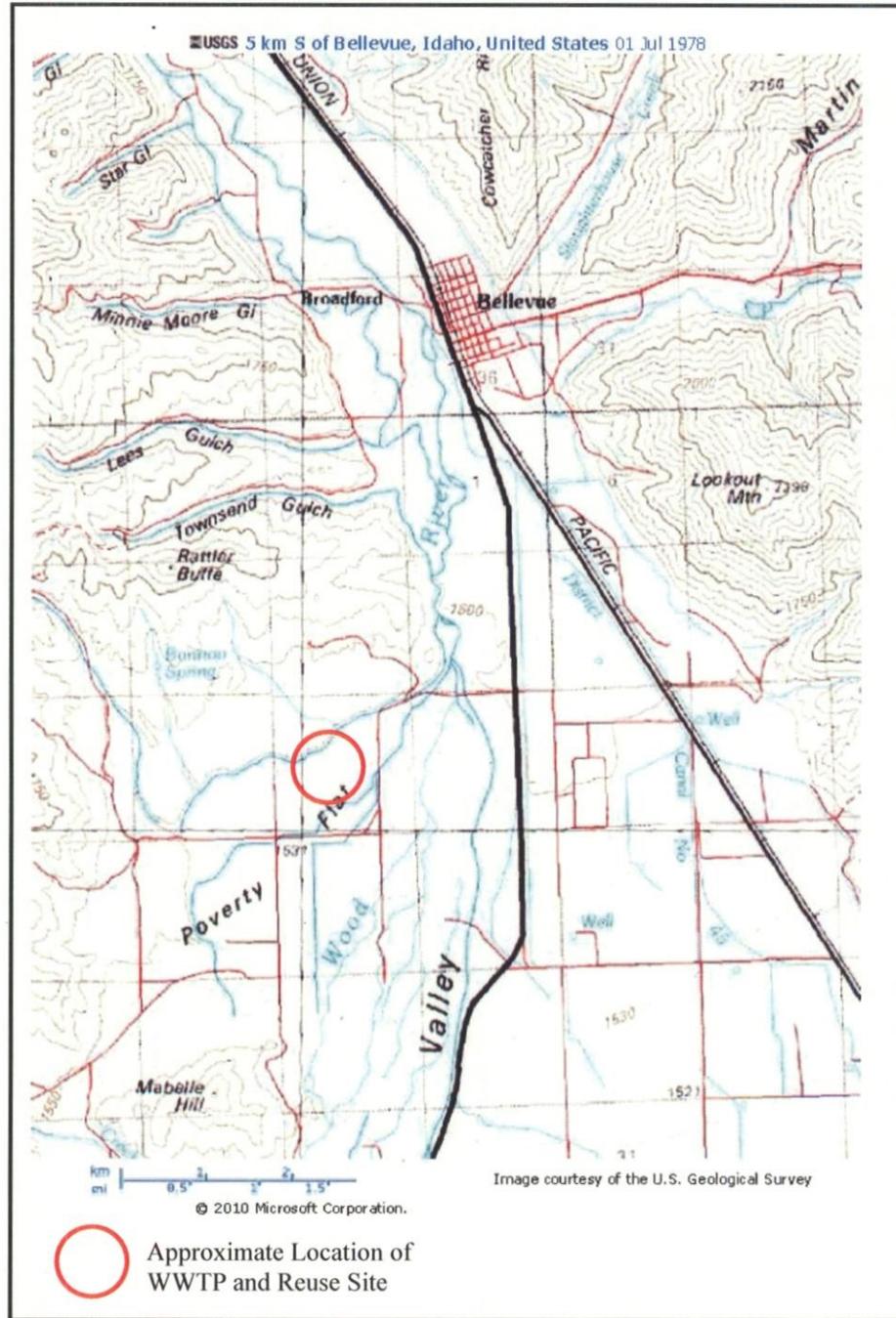


Figure 1. City of Bellevue/WWTP Vicinity Map

# Appendix 2 Site Map

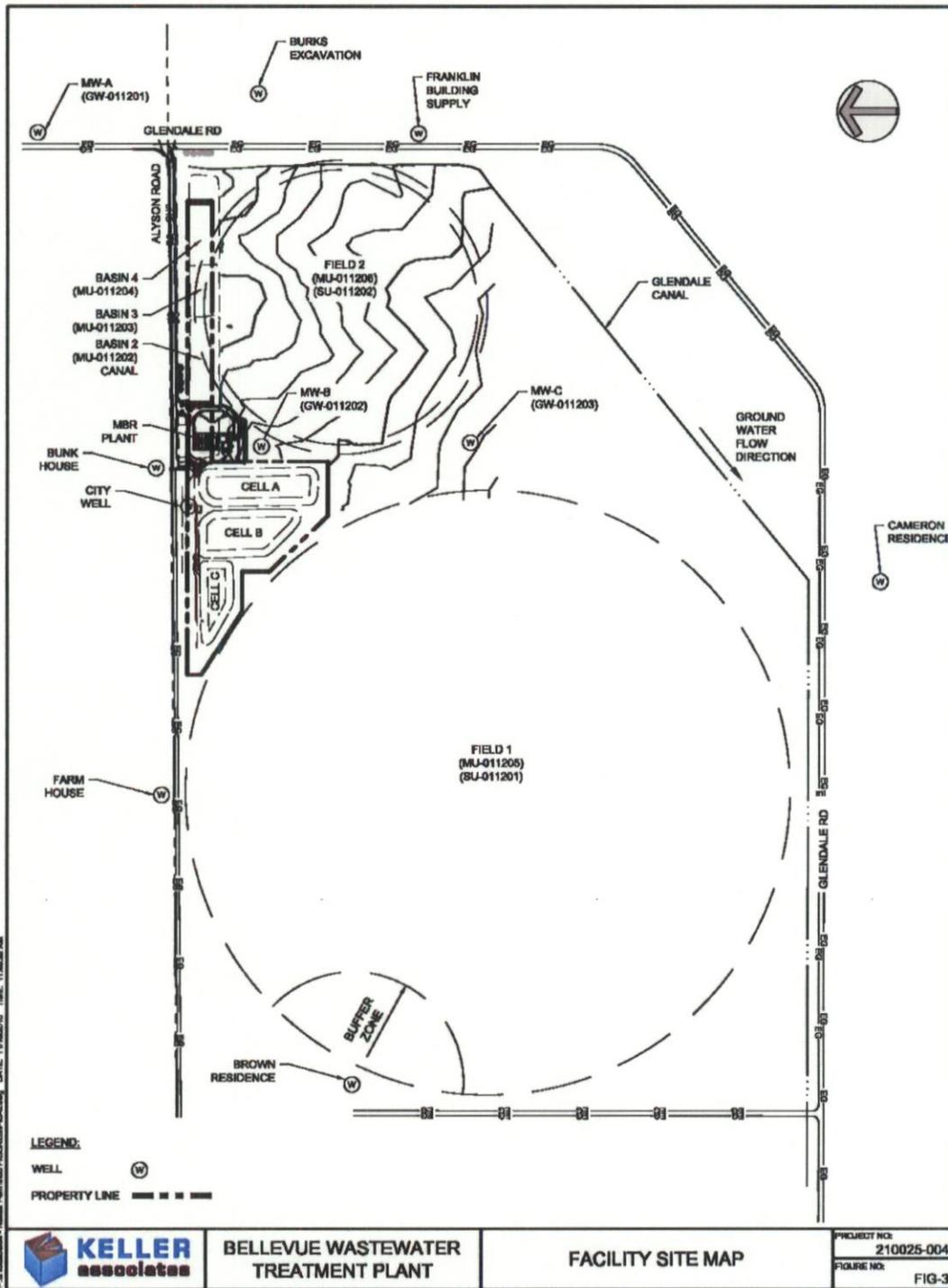


Figure 2. City of Bellevue Site Map