

A. Permit Certificate

**MUNICIPAL  
WASTEWATER REUSE PERMIT  
LA-000003-03**

**Garfield Bay Water and Sewer District, LOCATED AT 1585 Garfield  
Cut-Off Road, Sagle, ID 83860 AND IN Township(s) 56 and 57, Range  
R1, Section(s) 22 and 15** IS HEREBY AUTHORIZED TO CONSTRUCT,  
INSTALL, AND OPERATE A WASTEWATER REUSE SYSTEM IN  
ACCORDANCE WITH THE IDAHO RECYCLED WATER RULES  
(IDAPA 58.01.17) AND THE 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 **OCTOBER 1, 2016.**



Daniel Redline  
Coeur d'Alene Regional Administrator  
Idaho Department of Environmental Quality

Date: October 1, 2011

**IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY  
2110 Ironwood Parkway  
Coeur d'Alene, ID 83814  
(208) 769-1422  
(208) 769-1404 fax**

**POSTING ON SITE RECOMMENDED**

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

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### Appendices

1. Environmental Monitoring Serial Numbers
2. Site Maps and Flow Schematic

### References

1. Plan of Operation (CA-003-01)
2. Storage Lagoon Overflow-Corrective Action Report (CA-003-02)
3. Lagoon Seepage Testing Plan (CA-003-03)

The Sections, Appendices, and Reference Documents listed on this page are all elements of Wastewater Reuse Permit LA-000003-03 and are enforceable as such. This permit does not relieve Garfield Bay Water and Sewer District, 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

Ac-in	Acre-inch. The volume of water or wastewater to cover 1 acre of land to a depth of 1 inch. Equal to 27,154 gallons.
BMP or BMPs	Best Management Practices
COD	Chemical Oxygen Demand
DEQ or the Department	Idaho Department of Environmental Quality
Director	Director of the Idaho Department of Environmental Quality, or the Directors Designee, i.e. Regional Administrator
ET	Evapotranspiration – Loss of water from the soil and vegetation by evaporation and by plant uptake (transpiration)
GS	Growing Season
GW	Ground Water
GWQR	IDAPA 58.01.11 “Ground Water Quality Rule”
Guidance	Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater, DEQ.
HLRgs	Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to reuse hydraulic management units during the growing season. The HLRgs limit is specified in Section F. Permit Limits and Conditions.
HMU	Hydraulic Management Unit (Serial Number designation is MU)
IWR	Irrigation Water Requirement
IDAPA	Idaho Administrative Procedures Act.
LG	Lagoon
lb/ac-day	Pounds (of constituent) per acre per day
O&M Manual	Operation and Maintenance Manual, also referred to as the Plan of Operation
Reuse	The use of reclaimed wastewater for beneficial uses including, but not limited to, land treatment, irrigation, aquifer recharge, use in surface water features, toilet flushing in commercial buildings, dust control, and other uses.
SAR	Sodium Absorption Ratio
SI	Supplemental Irrigation water applied to the reuse treatment site.
Soil AWC	Soil Available Water Holding Capacity - the water storage capability of a soil to a depth at which plant roots will utilize (typically 60 inches or root limiting layer)
SMU	Soil Monitoring Unit (Serial Number designation is SU)
SW	Surface Water
TDS	Total Dissolved Solids or Total Filterable Residue
TMDL	Total Maximum Daily Load – The sum of the individual waste-load allocations (WLA’s) for point sources, Load Allocations (LA’s) 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. IDAPA 58.01.02 <i>Water Quality Standards and Wastewater Treatment Requirements</i>
Typical Crop Uptake	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.
USGS	United States Geological Survey

## D. Facility Information

<b>Legal Name of Permittee</b>	Garfield Bay Water and Sewer District
<b>Type of Wastewater</b>	Municipal, Domestic, Class C
<b>Method of Treatment</b>	Lagoons, chlorine disinfection and seasonal slow-rate irrigation of native forested site.
<b>Facility Classification</b>	Collection 1, Treatment 2, Land Application
<b>Facility Location</b>	North of Garfield Bay on Lake Pend Oreille. Approximately 5 miles east of Sagle, ID and 10 miles south of Sandpoint, ID.
<b>Legal Location</b>	T56N, R1W, section 22 – Treatment ponds T57N, R1W, section 15 – Storage pond and irrigated acreage
<b>County</b>	Bonner
<b>USGS Quad</b>	Talache
<b>Soils on Site</b>	Pend Oreille-Hoodoo silt loam
<b>Depth to Ground Water</b>	10 – 45 feet below ground surface (static water level from well logs)
<b>Beneficial Uses of Ground Water</b>	Agriculture, Industrial, Domestic
<b>Nearest Surface Water</b>	Beaver Lake – Approximately 600 feet east of irrigation site Lake Pend Oreille, Garfield Bay – Approximately 1 mile south of irrigation site
<b>Beneficial Uses of Surface Water</b>	Cold water communities, Salmonid spawning, Primary contact recreation, Domestic water supply, Special resource water (Lake Pend Oreille)
<b>Responsible Official</b> <b>Mailing Address</b>  <b>Email</b> <b>Phone</b>	Chair Ms. Lynn Franck Garfield Bay Water and Sewer District 1585 Garfield Cut-Off Road Sagle, ID 83860 <a href="mailto:lynnfranck@hotmail.com">lynnfranck@hotmail.com</a> (208) 263-5540 (office)
<b>Facility Consultants</b> <b>Mailing Address</b>  <b>Email</b> <b>Phone</b>	Robert M. Tate, P.E. Tate Engineering 1103 N. 4th Coeur d'Alene ID 83814 <a href="mailto:rtate@tate-eng.com">rtate@tate-eng.com</a> (208) 676-8708
<b>Facility Operator</b> <b>Wastewater Licenses</b> <b>Mailing Address</b>  <b>Phone</b>	Jeff Jordine WWC2-14121, WWT4-10886, WWTLA-14695 P.O. Box 969 Sagle, ID 83860 (208) 263-9376 (home) (208) 263-5540 (office)

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## 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.

Compliance Activity Number Completion Date	Compliance Activity Description
<b>CA-003-01</b> <b>Twelve (12) Months</b> <b>After Permit</b> <b>Issuance</b>	<p>A Plan of Operation (Operation and Maintenance Manual or O&amp;M Manual) for the wastewater treatment and 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.</p> <p>The Plan of Operation shall specifically address the following items:</p> <ul style="list-style-type: none"> <li>➤ 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. The QAPP shall include all sampling, monitoring and reporting requirements of this permit, as well as a description of approved sample collection methods, appropriate analytical methods, and companion quality control/quality assurance (QA/QC) protocols;</li> <li>➤ Silviculture Plan outlining harvesting schedule and detailing types and density of vegetation across each management unit;</li> <li>➤ Odor Management Plan including specific design considerations, operation and maintenance procedures, and management practices to be employed to respond to an odor incident if one occurs, including notification procedures;</li> <li>➤ Waste Solids Management Plan to describe how waste solids (screenings and sludges) generated at the facility will be handled, stored and disposed of to meet the requirements of federal and state laws and local ordinances. Waste solids for disposal versus those used for beneficial use will have different rules that apply. If land application of sludge is part of this plan, then prior to any land application a Sludge (Biosolids) Disposal Plan must be submitted to and approved by DEQ to meet the requirements of IDAPA 58.01.16.650. Additionally, all requirements of Section I, item 5 of this permit must be met in the Waste Solids Management Plan;</li> <li>➤ 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>➤ A scaled map of the irrigation laterals and sprinkler heads for each hydraulic management unit (MU) with all domestic wells shown within 1,000 feet of the MU boundaries.</li> </ul> <p>Refer to the <i>Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater</i> for a Plan of Operation checklist, and address all relevant items in the checklist.</p>

### E. Compliance Schedule for Required Activities

<b>Compliance Activity Number Completion Date</b>	<b>Compliance Activity Description</b>
<b>CA-003-02 Three (3) Months after Permit Issuance</b>	Submit a report detailing how an overflow of the storage lagoon will be prevented under current and design year operating conditions. A schedule for the implementation of corrective measures will need to be included in the report and that schedule, once approved by DEQ, will be enforceable as part of this Permit.
<b>CA-003-03 Three (3) Months after Permit Issuance to submit the Seepage Testing Procedure Plan.  Submit Seepage Testing Results Report by April 15, 2012</b>	<p>Submit a seepage testing procedure plan for the two (2) aerated lagoons (LG-000301 and LG-000302) and the storage lagoon (LG-000304) that defines the approach and testing procedures to conduct seepage testing in accordance with methods approved by DEQ</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, "Wastewater Rules."</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-003-04 One hundred eighty (180) days prior to permit expiration</b>	Submit an application package to DEQ for permit renewal.

## F. Permit Limits and Conditions

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

Category	Permitted Limits and Conditions																																												
<b>Type of Wastewater</b>	Municipal, Domestic, Class C Wastewater																																												
<b>Application Site Area</b>	25.14 Acres (Split between three management units.)																																												
<b>Application Season</b>	Growing Season Only																																												
<b>Growing Season (GS)</b>	April 1 <sup>st</sup> through September 30 <sup>th</sup> (183 days)																																												
<b>Non-Growing Season (NGS)</b>	October 1 <sup>st</sup> through March 31 <sup>st</sup>																																												
<b>Certified Operator</b>	Required. See IDAPA 58.01.16.203.																																												
<b>Reporting Year for Annual Loading Rates</b>	January 1 <sup>st</sup> through December 31 <sup>st</sup> of each year.																																												
<b>Maximum Hydraulic Loading Rate, Growing Season (includes wastewater and supplemental irrigation water, if used)</b>	Growing Season (GS) Hydraulic Loading Rate (HLR) shall not exceed the following:																																												
	<p><b>Table 1. Maximum hydraulic loading rates for native forest* assuming 65% irrigation efficiency.</b></p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Month</th> <th>Max HLR [in/acre***]</th> <th>Max. HLR [MG**] for MU-000301</th> <th>Max. HLR [MG**] for MU-000302</th> <th>Max. HLR [MG**] for MU-000303</th> </tr> </thead> <tbody> <tr> <td>April</td> <td>0.48</td> <td>0.14</td> <td>0.12</td> <td>0.07</td> </tr> <tr> <td>May</td> <td>2.34</td> <td>0.67</td> <td>0.59</td> <td>0.34</td> </tr> <tr> <td>June</td> <td>5.27</td> <td>1.52</td> <td>1.33</td> <td>0.76</td> </tr> <tr> <td>July</td> <td>8.34</td> <td>2.40</td> <td>2.11</td> <td>1.20</td> </tr> <tr> <td>August</td> <td>5.78</td> <td>1.66</td> <td>1.46</td> <td>0.83</td> </tr> <tr> <td>September</td> <td>2.96</td> <td>0.85</td> <td>0.75</td> <td>0.43</td> </tr> <tr> <td>October</td> <td>TBD****</td> <td>TBD****</td> <td>TBD****</td> <td>TBD****</td> </tr> <tr> <td><b>Total</b></td> <td><b>25.17</b></td> <td><b>7.25</b></td> <td><b>6.36</b></td> <td><b>3.62</b></td> </tr> </tbody> </table> <p>*Based on precipitation deficit data from <a href="http://www.kimberly.uidaho.edu/ETIdaho/stninfo.php?station=101956">http://www.kimberly.uidaho.edu/ETIdaho/stninfo.php?station=101956</a> for "Orchards – Apples and Cherries no ground cover" and "Range Grasses – long season" with an irrigation efficiency of 65%.  ** million gallons  *** inches per acre  **** To be determined (TBD). The Permittee may seek approval from the Department to irrigate in October prior to irrigating if it can be demonstrated to the Department that the irrigation will be protective of public health and water quality.</p>	Month	Max HLR [in/acre***]	Max. HLR [MG**] for MU-000301	Max. HLR [MG**] for MU-000302	Max. HLR [MG**] for MU-000303	April	0.48	0.14	0.12	0.07	May	2.34	0.67	0.59	0.34	June	5.27	1.52	1.33	0.76	July	8.34	2.40	2.11	1.20	August	5.78	1.66	1.46	0.83	September	2.96	0.85	0.75	0.43	October	TBD****	TBD****	TBD****	TBD****	<b>Total</b>	<b>25.17</b>	<b>7.25</b>	<b>6.36</b>
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<b>Minimum Depth to Ground Water for Irrigation</b>	The depth to ground water from the ground surface as measured in the piezometers (shallow ground water monitoring wells) in each hydraulic management (MU) unit shall be greater than three (3) feet at all times when irrigating.																																												

## F. Permit Limits and Conditions

Category	Permitted Limits and Conditions
<b>Runoff</b>	No runoff of wastewater from the irrigation site or treatment facility is allowed (see CA-003-01).
<b>Ground Water Quality</b>	Ground water quality shall be in compliance with <i>Idaho Ground Water Quality Rule</i> IDAPA 58.01.11
<b>Maximum Nitrogen Loading Rate, pounds / acre-year, each HMU (from all sources including waste solids and supplemental fertilizers).</b>	125 lbs / acre-year
<b>Construction Plans</b>	Prior to construction or modification of all wastewater facilities associated with the reuse system or expansion, detailed plans and specifications shall be reviewed and approved by DEQ. Within 30 days of completion of construction, the permittee shall submit as-built plans to DEQ or submit a certification letter stating that all construction was done in substantial compliance with DEQ approved plans and specifications.
<b>Fencing and Posting</b>	Signs shall be posted every 500 feet and at each corner of the outer perimeter of the buffer zone of the site and should read "Irrigated with Reclaimed Wastewater – Do Not Drink" or equivalent. The existing three (3) strand barbed wire fence must be maintained around the entire irrigation site.

## F. Permit Limits and Conditions

<b>Buffer Zone Distances (based on sprinkler irrigation) – Class C Wastewater</b>	<b>Disinfection Level* (total coliform)</b>	<b>Distance to Public Access</b>	<b>Distances to Inhabited Dwellings</b>	<b>Distance to streams</b>	<b>Distance to private water sources**</b>	<b>Distance to public water sources</b>	<b>Single sample maximum total coliform level</b>
	23 CFU/100 ml	50 feet	300 feet	100 feet	500 feet	1000 feet	230 CFU/100ml

\*Compliance determination method for disinfection requirements is as follows:

- For determining compliance with the 23 CFU/100 ml total coliform disinfection level, the median value of the last five (5) total coliform organism count results must not exceed 23 CFU/100 ml. In addition, no single total coliform sample value shall exceed 230 CFU/100 ml.

\*\*The minimum buffer distance between the Parnow Well and the MU-000302 is 250 feet as determined by DEQ in 2006.

## G. Monitoring Requirements

The Permittee is allowed to irrigate wastewater and treat it on a 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 *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 Operation and Maintenance Manual.
- 2) The permittee shall monitor and measure parameters and submit information as stated in the Facility Monitoring Table in this section.
- 3) Monitoring locations are described in Appendix 1. Environmental Monitoring Serial Numbers.
- 4) Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored.
- 5) Monitoring is required at the frequency shown in the table below if wastewater is applied anytime during the time period shown. Unless otherwise agreed in writing by the DEQ, data collected and submitted shall include, but not be limited to, the parameters and frequencies in the Facility Monitoring Table as follows.
- 6) If the soil management unit is less than 15 acres, use 5 sub-samples. If the soil management unit is greater than 15 acres, use 10 sub-samples.
- 7) Five (5) soil samples shall be collected at each sample location, one at 0-12 inches, one at 12-24 inches, and one at 24-36 inches. The soil samples collected at 0-12 inches from each sample location shall be composited. Similarly, all soil samples collected at 12-24 inches shall be composited and all soil samples collected at 24-36 inches shall be composited. This method will yield three samples for analysis, one for 0-12 inches, one for 12-24 inches and one for 24-36 inches for each soil management unit.
- 8) Annual reporting of monitoring requirements is described in Section H, Standard Reporting Requirements.

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## G. Monitoring Requirements

### Facility Monitoring Table

Frequency	Monitoring Point	Description and Type of Monitoring	Parameters
Monthly	Influent Flow Meter	Monitoring of influent wastewater flow to aerated lagoons (LG-000301 and LG-000302)	Million gallons per month
Weekly in April, May and June (when irrigating)	Piezometers (GW-000301, GW-000302, GW-000303)	Monitoring of static water level in piezometers below ground surface	Static water level depth (feet) below ground surface
Daily (when irrigating)	Nearby Weather Station or On-Site Monitoring Equipment	Record readings	High and low temperatures (Fahrenheit), precipitation (inches)
Daily (when irrigating)	Discharge Point of Wastewater to Irrigation Site (Flow Meter)	Volume of wastewater irrigated	Gallons/Month and acre-inches/month applied to each Hydraulic Management Unit (MU)
Daily (when irrigating)	Discharge Point of Wastewater to Irrigation Site After Chlorination (WW-000301)	Grab sample	Total Chlorine Residual (mg/L)
Monthly (when irrigating)	Discharge Point of Wastewater to Irrigation Site After Chlorination (WW-000301)	Grab sample	Total Kjeldahl nitrogen (mg/L), nitrate+nitrite-nitrogen (mg/L), total phosphorus (mg/L), pH
Weekly (when irrigating)	Discharge Point of Wastewater to Irrigation Site After Chlorination (WW-000301)	Grab sample	Total Coliform (CFU/100 ml.)
Annually	Hydraulic Management Unit (MU)	Acres irrigated	Acres
Annually	Hydraulic Management Unit (MU)	Calculate and report total nitrogen and phosphorus loading from wastewater	Nitrogen and phosphorus applied in pounds per acre per year (lbs/acre-year)

### G. Monitoring Requirements

Frequency	Monitoring Point	Description and Type of Monitoring	Parameters
Annually( in the spring prior to irrigation of wastewater)	Soil Monitoring unit (SU) (SU-000301, SU-000302, SU-000303)	Composite soil sample	Electrical Conductivity (milliSiemens per meter,mS/m), nitrate-N (mg/kg), ammonium-N (mg/kg), pH, Plant Available Phosphorous (mg/kg) – (use Olsen Method for soils with pH 6.5 or greater, use Bray Method if soil pH is less than 6.5)
Annually	All flow measurement locations.	Flow measurement calibration of all flows to reuse.	Document the flow measurement calibration of all flow meters and pumps used directly or indirectly measure all wastewater, tail water, flushing water, and supplemental irrigation water flows applied to each MU.
Annually	Each Hydraulic management unit (MU)	Calculate growing season (GS) wastewater hydraulic loading rate	Million gallons per month & Inches per month for each MU

## H. Standard Reporting Requirements

1. The permittee shall submit an Annual Wastewater Reuse Site Performance Report ("Annual Report") prepared by a competent environmental professional no later than January 31 of each year which shall cover the previous year (see section F for reuse reporting period). The Annual Report shall include results for monitoring required in Section G, status of compliance activities, and an interpretive discussion of monitoring data (ground water, vadose zone, hydraulic loading, wastewater 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:  
  
Coeur d'Alene Regional Office  
2110 Ironwood Parkway  
Coeur d'Alene, ID 83814  
208-769-1422
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 Wastewater Reuse Permit Regulations, 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 wastewater treatment system. This Plan of Operations shall be updated as necessary to reflect current operations.
2. Wastewater(s) or recharge waters applied to the land surface must be restricted to the premises of the application site. Wastewater discharges to surface water that require a permit under the Clean Water Act must be authorized by the U.S. Environmental Protection Agency.
3. Wastewater 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 wastewater as evenly as practicable to the reuse area;
  - b. Prevent organic solids (contained in the wastewater) from accumulating on the ground surface to the point where the solids putrefy or support vectors or insects; and
  - c. Prevent wastewater from ponding in the fields to the point where the ponded wastewater putrefies or supports vectors or insects.
4. The permittee shall:
  - a. Manage the wastewater reuse site as an agronomic operation where vegetative cover is grown and harvested or grazed to utilize the nutrients and minerals in the wastewater, and,
  - b. Not hydraulically overload any particular areas of the wastewater reuse 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 Wastewater Reuse Permit Regulations and include seepage tests on all lagoons per latest DEQ procedures.
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.

## I. Standard Permit Conditions: Procedures and Reporting

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)

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- 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, Violations, and Revocations

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 58.01.17.700.01 and 02 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 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 Wastewater Reuse Permit Regulations, 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 Wastewater Reuse Permit Regulations.
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 requests an administrative hearing in writing to the Board of the Department 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 the Department 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. A closure plan shall be required when a facility is closed voluntarily and when a permit is revoked or expires. A permittee shall implement any applicable conditions specified in the permit for closure of the facility. Unless otherwise directed by the terms of the permit or by the Director, the permittee shall submit a closure plan to the Director for approval at least ninety (90) days prior to ceasing operations. The closure plan shall ensure that the closed facility will not pose a threat to human health and the environment. Closure plan approval may be conditioned upon a permittee's agreement to complete such site investigations, monitoring, and any necessary remediation activities that may be required.

Appendix 1  
Environmental Monitoring Serial Numbers

HYDRAULIC MANAGEMENT UNITS

Serial Number	Description	Acres
MU-000301	Irrigation Site Acreage	10.60
MU-000302	Irrigation Site Acreage	9.25
MU-000303	Irrigation Site Acreage	5.29

WASTEWATER SAMPLING POINTS

Serial Number	Description
WW-000301	Post-Disinfection Point of Discharge to Irrigation Site

SOIL MONITORING UNITS

Serial Number	Description	Associated MU
SU-000301	Irrigation Site Acreage	MU-000301
SU-000302	Irrigation Site Acreage	MU-000302
SU-000303	Irrigation Site Acreage	MU-000303

LAGOONS

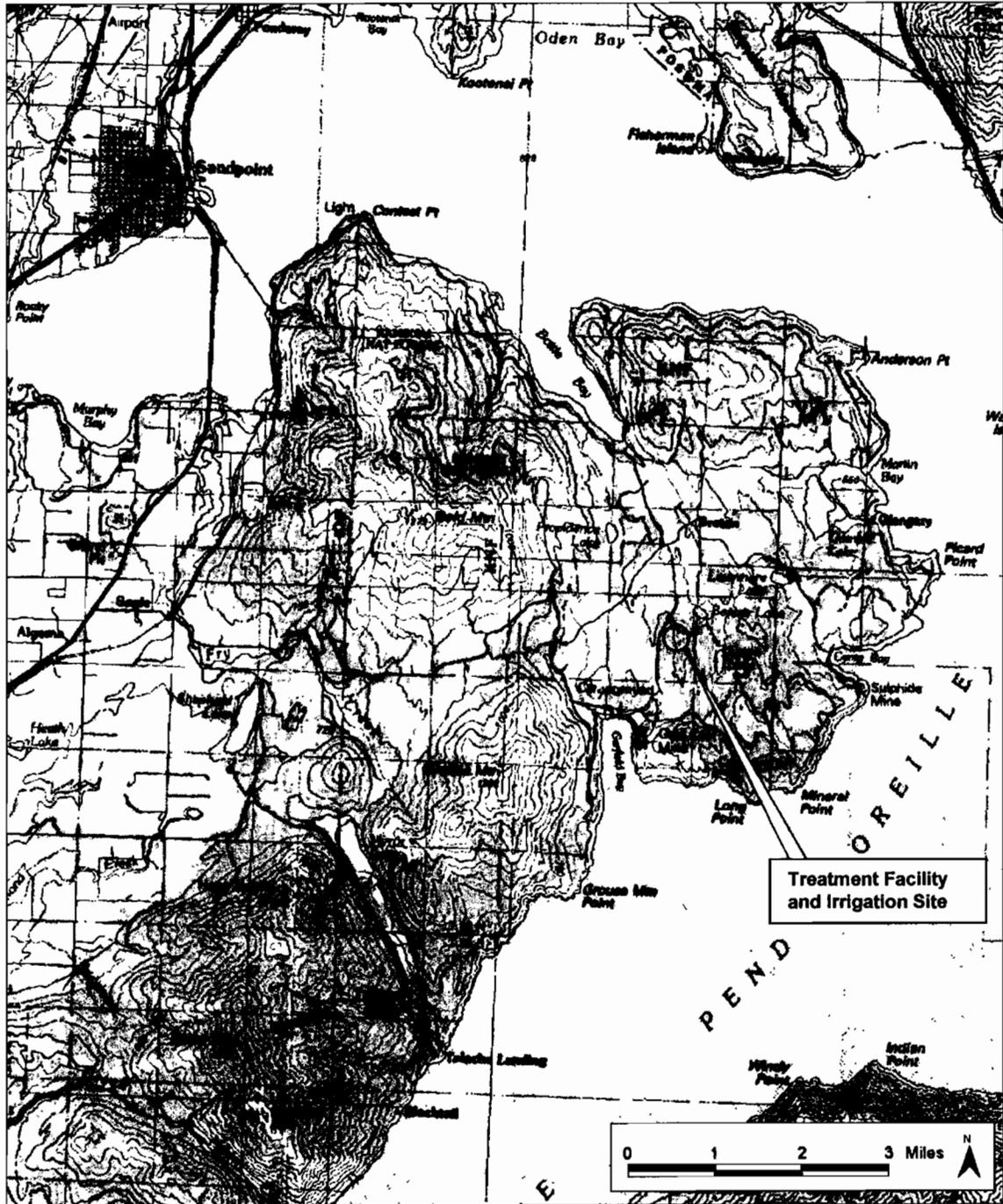
Serial Number	Description
LG-000301	West Aerated Treatment Lagoon
LG-000302	East Aerated Treatment Lagoon
LG-000303	Settling Lagoon
LG-000304	Storage Lagoon

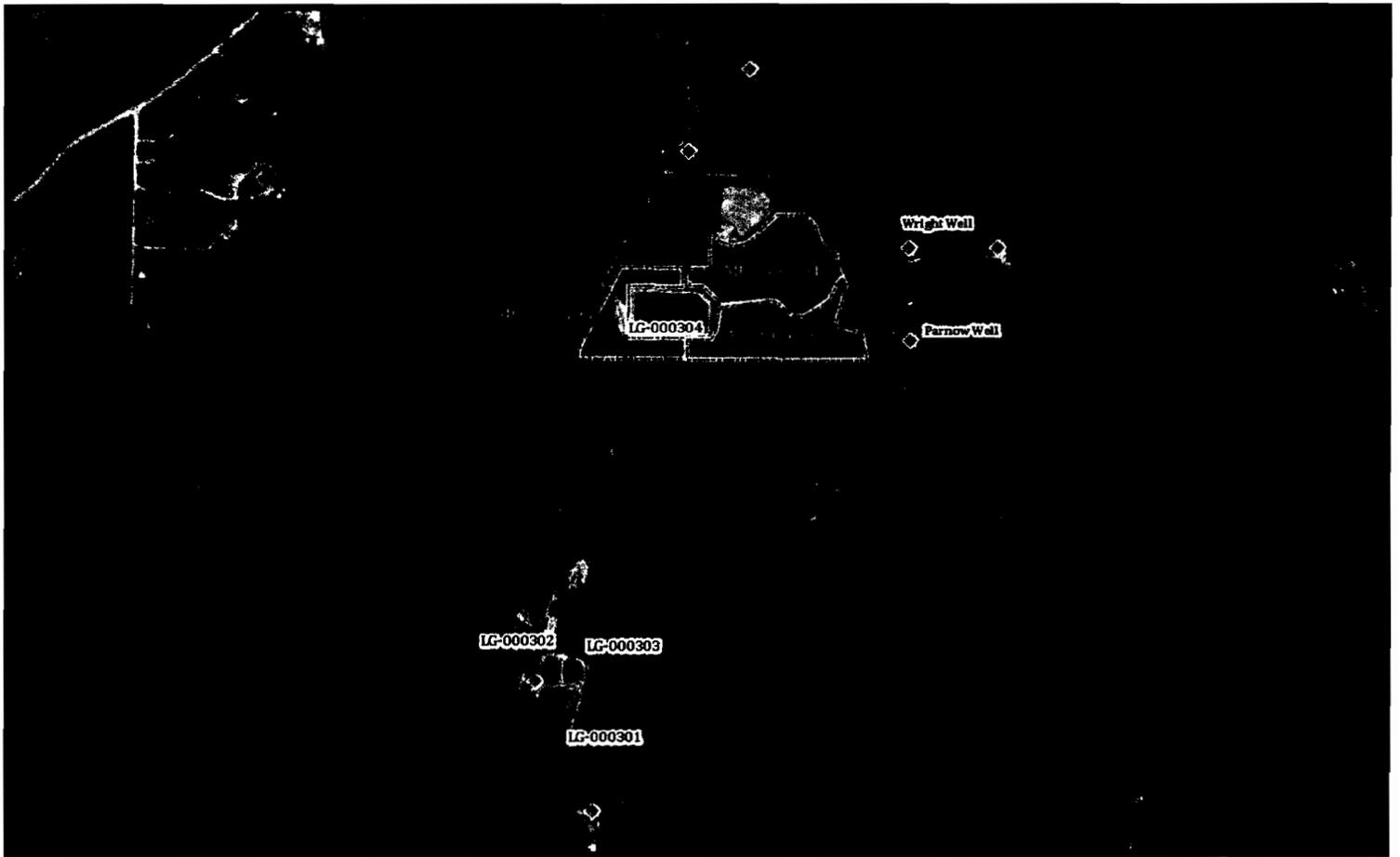
GROUND WATER MONITORING

Serial Number	Description	Associated MU
GW-000301	Piezometer	MU-000301
GW-000302	Piezometer	MU-000302
GW-000303	Piezometer	MU-000303

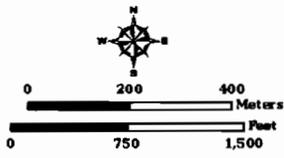
Appendix 2  
Site Maps and Flow Schematic

Site Map Number 1: Regional Map





**Garfield Bay Water and Sewer District**  
 LA-000003-03



Legend			
	Wells		Streams/Canals
	Highway		Lagoons
	Major Road		Irrigation Area

Appendix 2  
 Site Maps and Flow Schematic

**Flow Schematic Diagram**

