

A. Permit Certificate

**MUNICIPAL  
WASTEWATER REUSE PERMIT  
LA-000113-03**

**The Huckleberry Bay Company LOCATED AT 1086 S. Shore Road, Coolin, ID 83821 IS HEREBY AUTHORIZED TO CONSTRUCT, INSTALL, AND OPERATE A WASTEWATER REUSE SYSTEM IN ACCORDANCE WITH THE IDAHO RULES FOR THE RECLAMATION AND REUSE OF MUNICIPAL AND INDUSTRIAL WASTEWATER (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 **MARCH 1, 2015**.**



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



Date: March 1, 2010

**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

### References

1. Plan of Operation (Operation and Maintenance Manual)
2. Silvicultural Management Plan

The Sections, Appendices, and Reference Documents listed on this page are all elements of Wastewater Reuse Permit LA-000113-03 and are enforceable as such. This permit does not relieve Huckleberry Bay Company, 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 wastewater 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 or BMPs</b>	Best Management Practice(s)
<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>GS</b>	Growing Season – Typically April 01 through October 31 (214 days), unless otherwise specified
<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>HLRgs</b>	Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to land application hydraulic management units during the growing season. The HLRgs limit is specified in Section F. Permit Limits and Conditions.
<b>HLRngs</b>	Non-Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to each hydraulic management unit during the non-growing season. If applicable, the HLRngs 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 wastewater 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 – Typically November 01 through March 31 (151 days), unless otherwise specified
<b>NVDS</b>	Non-Volatile Dissolved Solids (= Total Dissolved Solids less Volatile Dissolved Solids)

### C. Abbreviations, Definitions

<b>O&amp;M manual</b>	Operation and Maintenance Manual, also referred to as the Plan of Operation
<b>SAR</b>	Sodium Absorption Ratio
<b>SI</b>	Supplemental Irrigation
<b>Soil AWC</b>	Soil Available Water Holding Capacity – the water storage capability of the soil down 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>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 shall 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. IDAPA 58.01.02 <i>Water Quality Standards and Wastewater Treatment Requirements</i>
<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>	Huckleberry Bay Company
<b>Type of Wastewater</b>	Municipal
<b>Method of Treatment</b>	Slow Rate Irrigation
<b>Type of Facility</b>	Municipal
<b>Facility Location</b>	Approximately 18 miles north of the community of Coolin, Idaho and 0.3 mile north of Two-Mouth Creek Road
<b>Legal Location</b>	Township 62N, Range 04W, Section 26, SW ¼
<b>County</b>	Bonner
<b>USGS Quad</b>	Priest Lake N.E.
<b>Soils on Site</b>	Sandy silt loam (Bonner)
<b>Depth to Ground Water</b>	> 75 feet to ground water at reuse site
<b>Beneficial Uses of Ground Water</b>	Drinking water
<b>Nearest Surface Water</b>	Priest Lake – approximately 1/8 miles southwest
<b>Beneficial Uses of Surface Water</b>	Cold water communities, Salmonid Spawning, Primary contact recreation, Domestic water supply, Special resource water
<b>Responsible Official</b>	Mr. Dean Fiedler, Project Manager
<b>Mailing Address</b>	Huckleberry Bay Company 1086 S. Shore Road, Coolin, ID 83821
<b>Phone / Fax</b>	voice (208) 433-2258 / fax (208) 443-2211

## 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>
<b>CA-113-01</b> <b>Six (6) Months after Permit Issuance</b>	<p>An updated Plan of Operation (Operation and Maintenance Manual or O&amp;M Manual) for the wastewater land application 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> <p>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</p> <p>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.</p>
<b>CA-113-02</b> <b>Eight (8) Months after Permit Issuance to submit the Seepage Testing Plan.</b> <b>April 15, 2012 to complete seepage testing of all required structures</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 storage structures.</p> <p>Upon 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 is 0.25 inches per day. If a properly tested lagoon leaks more than 0.25 inches per day, the permittee shall either 1) submit, for DEQ approval, a plan and schedule to either retest, repair, replace or decommission structures not meeting this standard or 2) develop a plan based on ground water sampling and analyses and/or modeling to determine the effect of the lagoon leakage on the local ground water. If actual or predicted impacts do not comply with IDAPA 58.01.11 as determined by DEQ, the permittee shall comply with 1) above.</p>
<b>CA-113-03</b> <b>Thirty-six (36) Months after Permit Issuance</b>	<p>The permittee shall submit to the Department for review and approval an updated Silvicultural Management Plan for the wastewater application site. The plan shall include nutrient and hydraulic balance evaluation for all crops intended for planting on the site during the permit cycle.</p>
<b>CA-113-04</b> <b>One hundred eighty (180) Days before Permit Expiration</b>	<p>As part of the permit renewal process, the permittee shall submit an updated Lagoon Water Balance to the Department describing the status of the system with respect to the design criteria and flows. The Balance shall include a discussion of remaining capacity and future plans.</p>
<b>CA-113-05</b> <b>Prior to installation of irrigation laterals</b>	<p>Survey HMU #2 to determine active site acreage to be used for wastewater irrigation prior to installation of irrigation laterals on the unit.</p>

## F. Permit Limits and Conditions

Category	Permit Limits and Conditions																					
Type of Wastewater	Municipal																					
Application Site Area	24 acres (4.6 acres currently used)																					
Growing Season	May 1 through September 30 (153 days)																					
Hydraulic Loading Rate, each HMU (Applies to wastewater and supplemental irrigation water).	<p>Growing Season (GS) Hydraulic Loading Rate shall be substantially equal to the Irrigation Water Requirement (IWR) throughout the growing season.</p> <p style="text-align: center;"><b>Estimated IWR* for Natural Forest</b></p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Month</th> <th style="width: 20%;">Inches/acre</th> <th style="width: 20%;">Gallons/acre</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">May</td> <td style="text-align: center;">3.53</td> <td style="text-align: center;">95,700</td> </tr> <tr> <td style="text-align: center;">June</td> <td style="text-align: center;">5.68</td> <td style="text-align: center;">154,200</td> </tr> <tr> <td style="text-align: center;">July</td> <td style="text-align: center;">7.26</td> <td style="text-align: center;">197,000</td> </tr> <tr> <td style="text-align: center;">August</td> <td style="text-align: center;">5.78</td> <td style="text-align: center;">157,100</td> </tr> <tr> <td style="text-align: center;">September</td> <td style="text-align: center;">2.77</td> <td style="text-align: center;">75,200</td> </tr> <tr> <td style="text-align: center;"><b>Total</b></td> <td style="text-align: center;"><b>25.02</b></td> <td style="text-align: center;"><b>679,200</b></td> </tr> </tbody> </table> <p style="font-size: small;">*Based on ET data from <a href="http://www.kimberly.uidaho.edu/ETIdaho/stninfo.php?station=101079">http://www.kimberly.uidaho.edu/ETIdaho/stninfo.php?station=101079</a> for "Orchards – Apples and Cherries no ground cover" and "Range Grasses – long season" with an irrigation efficiency of 75%.</p>	Month	Inches/acre	Gallons/acre	May	3.53	95,700	June	5.68	154,200	July	7.26	197,000	August	5.78	157,100	September	2.77	75,200	<b>Total</b>	<b>25.02</b>	<b>679,200</b>
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Ground Water Quality	Wastewater land application activities conducted by the permit shall not cause a violation of the <i>Ground Water Quality Rule (GWQR)</i> , IDAPA 58.01.11 as now existing or later amended.																					
Maximum Nitrogen Loading Rate (from all sources including waste solids and supplemental fertilizers)	136 lbs/acre-year																					
Disinfection	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/100 mL in any confirmed sample.																					
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 reuse site to inhabited dwellings</li> <li>• 50 ft from reuse site to areas accessible by the public</li> <li>• 100 ft from reuse site to permanent and intermittent surface water</li> <li>• 50 feet from reuse site to irrigation ditches and canals</li> <li>• 500 feet from reuse site to private water supply wells<sup>1</sup></li> <li>• 1000 feet from reuse site 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 style="font-size: small;">1) These buffer zone distances shall be maintained unless a Department-approved well location acceptability analysis indicates an alternative buffer zone is acceptable</p>																					

## F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Fencing and Posting	No fencing is required. There shall be a forested buffer of 50 feet along 2 Mouth Creek Road and 300 feet along Ridgeview Lane. As a substitute for fencing, warning signs shall be posted at 100-foot intervals along 2 Mouth Creek Road and Ridgeview Lane. All corners and site access gates shall also be posted. The signs shall read "Irrigated with Reclaimed Wastewater – Do Not Drink" or equivalent.
Allowable Crops	Class C effluent may only contact the inedible portion of raw food crops (IDAPA 58.01.17.600.07.c). The facility is currently growing trees and shall contact DEQ if any crop change is planned.
Construction Plans	Prior to construction or modification of all wastewater 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.
Runoff Control	Upon approval of the Runoff Management Plan by DEQ, required as part of the Plan of Operation in Section E CA-113-01 of this permit, the permittee shall implement the plan.

## G. Monitoring Requirements

The Permittee is allowed to apply wastewater 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.
- 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. Wastewater monitoring is required at the frequency shown in the table below if wastewater is applied anytime during the time period shown.
- 5) Five (5) soil sample locations shall be selected for each SMU as specified in Appendix 1. Three (3) 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, or refusal. The soil samples collected at each depth shall be composited to yield three (3) samples for analysis from 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
Monthly	Flow meter	Flow of wastewater into lagoon	Flow (gallons per day)
Weekly, when irrigating	WW-0113-01	Grab sample of wastewater	Total coliform bacteria (CFU /100 mL)
Monthly, when irrigating	WW-0113-01 Sampling tap	Grab sample of wastewater	Nitrate + Nitrite-Nitrogen, Total Kjeldahl Nitrogen (TKN), Total Phosphorus
Monthly, when irrigating	Flow meter	Flow of wastewater to land application site	Volume (gallons/acre and acre-inches) to each hydraulic management unit (HMU), record daily, compile monthly
Semi-annually (July and October)	Monitoring Wells	Static water level Grab sample of groundwater as described by Note 6 of Monitoring Requirements on page 9 of this document	Depth to groundwater Nitrate + nitrite-Nitrogen
In October 2013	Soil Monitoring Units	Grab samples of soil as described by Note 5 of Monitoring Requirements on page 9 of this document	Ammonia-Nitrogen, nitrate-Nitrogen, Plant available phosphorus
	Monitoring Wells	Grab sample of groundwater as described by Note 6 of Monitoring Requirements on page 9 of this document	Total Dissolved Solids (TDS)
Annually (in Annual Report)	Each Active HMU	Loading calculations	Total nitrogen (lbs/acre) Phosphorus (lbs/acre) Wastewater applied (Million gallons and acre-inches/acre)
	All flow measurement locations	Flow measurement calibration of all flows to land application	Document the flow measurement calibration check of all pumps used directly or indirectly to measure all wastewater flows applied to each HMU

## G. Monitoring Requirements

<b>Frequency</b>	<b>Monitoring Point</b>	<b>Description/Type of Monitoring</b>	<b>Parameters</b>
Annually (in Annual Report)	Monitoring Wells	Field monitoring as described by Note 6 of Monitoring Requirements on page 9 of this document	All field measurements required by Note 6 of Monitoring Requirements on page 9 of this document.

## 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 reporting year. The Annual Report shall include an interpretive discussion of monitoring data (ground water, soils, 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 applicable Regional DEQ Office.

Boise Regional Office  
1445 N. Orchard  
Boise, ID 83706-2239  
208-373-550

Coeur d’Alene Regional Office  
2110 Ironwood Parkway  
Coeur d’Alene, ID 83814  
208-769-1422

Idaho Falls Regional Office  
900 N. Skyline, Suite B  
Idaho Falls, ID 83402  
208-528-2650

Lewiston Regional Office  
1118 “F” Street  
Lewiston, ID 83501  
208-799-4370

Pocatello Regional Office  
444 Hospital Way, #300  
Pocatello, ID 83201  
208-236-6160

Twin Falls Regional Office  
1363 Fillmore St.  
Twin Falls, ID 83301  
208-736-2190

A copy of the annual report shall also be mailed to:

Richard Huddleston, P.E.  
Wastewater Program Manager  
1410 N. Hilton  
Boise, ID 83706  
208-373-0561

- 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 treatment 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 treatment 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 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 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.
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

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## I. Standard Permit Conditions: Procedures and Reporting

Emergency 24 Hour Number: 1-800-632-8000

- 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 58.01.17.700.01 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 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 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 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	Acres	Status
MU-011301	HMU #1	4.6	Active
MU-011302	HMU #2	*	Pending Expansion
---	HMU #3	4.3	Inactive
---	HMU #4	4.0	Inactive
---	HMU #5	3.4	Inactive
---	HMU #6	5.1	Inactive

\* To be determined by compliance activity CA-113-05.

**WASTEWATER SAMPLING POINTS**

Serial Number	Description
WW-011301	Wastewater after disinfection, before irrigation

**SOIL MONITORING UNITS**

Serial Number	Description	Associated HMU	Status
SU-011301	HMU #1	MU-011301	Active
SU-011302	HMU #2	MU-011302	Pending Expansion

**LAGOONS**

Serial Number	Description
LG-011301	Aerated Treatment Lagoon (1.43 MG)
LG-011302	Settling Pond/Storage Lagoon (3 MG)

Appendix 1  
Environmental Monitoring Serial Numbers

**GROUND WATER MONITORING**

<b>Serial Number</b>	<b>Description</b>	<b>Location</b>
GW-011301	Monitoring Well #1	62N 04W 26cbc01
GW-011302	Monitoring Well #2	62N 04W 26ccc01
GW-011303	Monitoring Well #3	62N 04W 35bbb01
GW-011304	Monitoring Well #4	62N 04W 35bbd01
GW-011305	Monitoring Well #5	62N 04W 35bdb01
GW-011306	Monitoring Well #6	62N 04W 26cda01

# Appendix 2 Site Maps

## Site Maps

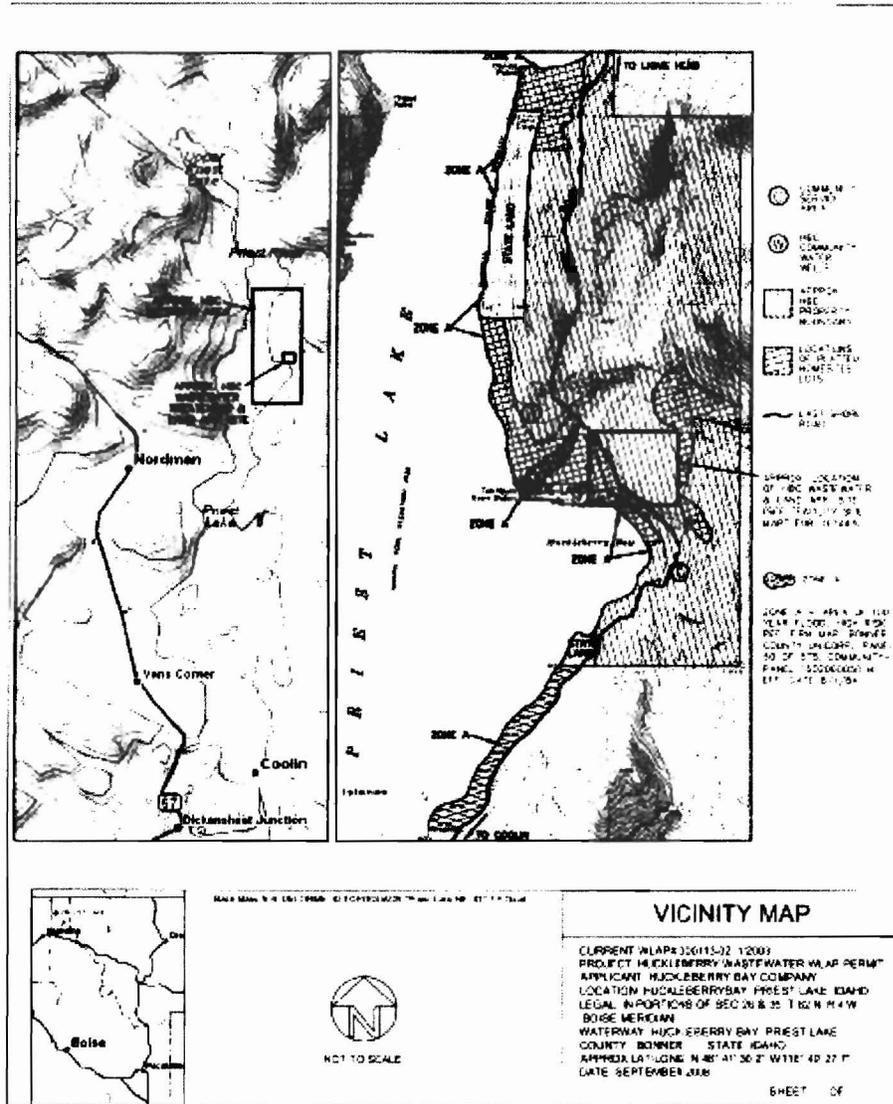


Figure 1. Vicinity Map

# Appendix 2 Site Maps

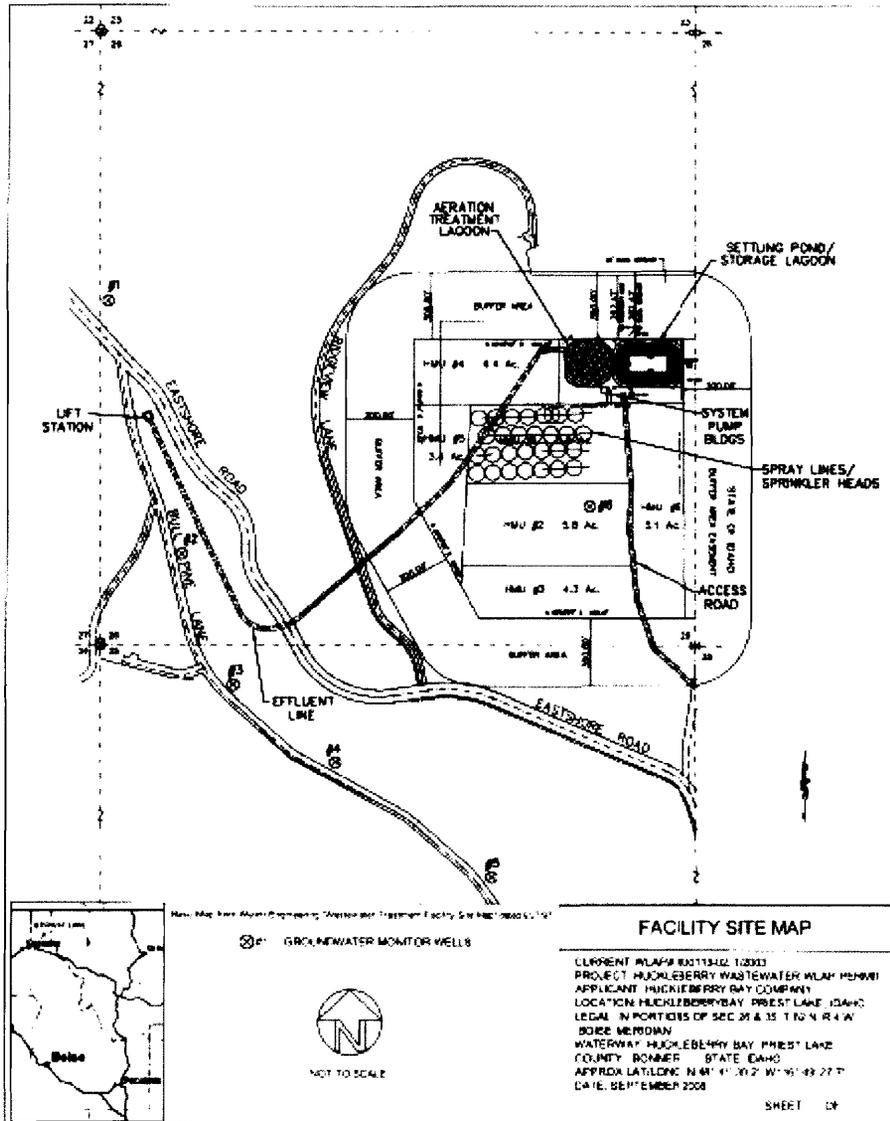


Figure 2. Facility Site Map