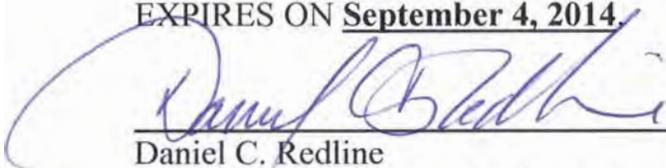


A. Permit Certificate

**BLACK ROCK MUNICIPAL
WASTEWATER REUSE PERMIT**
LA-000188-02



Black Rock Utilities LOCATED AT P.O. Box 3070, Coeur d'Alene, ID 83816 AND IN Township 48 North, Range 4 West, Sections 8, 9, and 16 IS HEREBY AUTHORIZED TO CONSTRUCT, INSTALL, AND OPERATE A WASTEWATER REUSE SYSTEM IN ACCORDANCE WITH THE WASTEWATER REUSE 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 September 4, 2014.



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

Date:

September 16, 2009

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

POSTING ON SITE RECOMMENDED

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B. Permit Contents, Appendices, and Referenced Documents

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Appendices

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The Sections, Appendices, and Reference Documents listed on this page are all elements of Wastewater Reuse Permit LA-000188-02 and are enforceable as such. This permit does not relieve Black Rock Utilities, Inc. 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
BR	Club at Black Rock development
BRN	Black Rock North development
Class A, B, and C	Wastewater quality standards as described in the Rules for the Reclamation and Reuse of Municipal and Industrial Wastewater (IDAPA 58.01.17)
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
ERU	Equivalent Residential Unit
ET	Evapotranspiration – Loss of water from the soil and vegetation by evaporation and by plant uptake (transpiration)
GS	Growing Season – Typically April 01 through October 31 (214 days)
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.
HLRngs	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. The HLRngs limit is specified in Section F. Permit Limits and Conditions.
HMU	Hydraulic Management Unit (Serial Number designation is MU)
IWR	<p>Irrigation Water Requirement – Any combination of wastewater and supplemental irrigation water applied at rates commensurate to the moisture requirements of the crop, and calculated monthly during the growing season (GS). Calculation methodology for the IWR can be found at the following website: http://www.kimberly.uidaho.edu/water/appndxet/index.shtml. The equation used to calculate the IWR at this website is:</p> $IWR = (CU - P_e) / E_i$ <p>CU is the monthly consumptive use for a given crop in a given climatic area. CU is synonymous with crop evapotranspiration</p> <p>P_e is the effective precipitation. CU minus P_e is synonymous with the net irrigation requirement (IR)</p> <p>E_i is the irrigation system efficiency. To obtain the gross irrigation water requirement (IWR), divide the IR by the irrigation system efficiency.</p>
IDAPA	Idaho Administrative Procedures Act.
LG	Lagoon
lb/ac-day	Pounds (of constituent) per acre per day
MG	Million Gallons (1 MG = 36.827 acre-inches)
MGA	Million Gallons Annually (per Reuse Reporting Year)
NGS	Non-Growing Season – Typically November 01 through March 31 (151 days)
NVDS	Non-Volatile Dissolved Solids (= Total Dissolved Solids less Volatile Dissolved Solids)
O&M manual	Operation and Maintenance Manual, also referred to as the Plan of Operation

C. Abbreviations, Definitions

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.
Reuse Reporting Year	The reporting year begins with the non-growing season and extends through the growing season of the following year, typically November 01 – October 31. For example, the 2000 Reporting Year was November 01, 1999 through October 31, 2000.
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
STEP	Septic Tank Effluent Pressure. A wastewater treatment and collection system involving an on-site septic tank, effluent pumps, and force main collection mains.
STEG	Septic Tank Effluent Gravity. A wastewater treatment and collection system involving an on-site septic tank and gravity collection main receiving effluent.
TDS	Total Dissolved Solids or Total Filterable Residue
TDIS	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).
TMDL	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>
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
WW	Wastewater applied to the reuse treatment site

D. Facility Information

Legal Name of Permittee	Black Rock Utilities, Inc. , a non-profit corporation owned and operated solely by the Black Rock Homeowner's Association, Inc.
Type of Wastewater	Class B or C municipal wastewater.
Method of Treatment	Septic tanks at each connection and effluent pressure (STEP) collection. The treatment facility consists of FAST extended aeration treatment, lagoon storage, pressure filtration, chlorine disinfection with pipeline contact, and slow rate irrigation.
Type of Facility	Privately owned wastewater treatment system serving the Club at Black Rock (400 lots), Black Rock North (325 lots) developments, two 18-hole golf courses, and various development amenities.
Facility Location	Black Rock occupies about 600 acres and Black Rock North (BRN) occupies about 900 acres located overlooking Lake Coeur d'Alene west of Rockford Bay in southern Kootenai County.
Legal Location	Sections 4,5, 8, 9, and 16 T48N R4W
County	Kootenai
USGS Quad	Rockford Bay and Mica Bay
Soils on Site	Sandy silts to clayey silts (loess)
Depth to Ground Water	About 2 feet to seasonally present ground water, 75 feet to first ground water (Monitoring Well #1 upgradient) and 150 feet to regional aquifer (Monitoring Well #9 downgradient). Shallow ground water generally recedes by the end of spring providing a five month irrigation season.
Beneficial Uses of Ground Water	Domestic and Public Drinking Water
Nearest Surface Water	Lake Coeur D'Alene
Beneficial Uses of Surface Water	Cold Salmonid Spawning, Primary Contact Recreation, Domestic Water Supply, and Special Resource Water per IDAPA 58.01.02
Responsible Official Mailing Address Phone Fax	Kyle Capps Black Rock Utilities Inc. PO Box 3070 Coeur d'Alene, ID 83816 208.665.2005 208.667.5071 fax or 208.416.0327 fax

D. Facility Information

Facility Consultants/Engineer	Chas Ariss Centra Consulting Inc. 413 West Idaho Street Ste 302 Boise, ID 83702 208.338.9400
Licensed Operators	Mat Haneke & John Morgan ACI/AAPEX Construction, Inc 6600 Government Way Coeur d'Alene ID 83815 208.209 0216 or 208.772.8820

E. Compliance 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
CA-188-01 Prior to May 1, 2010	Plan of Operation: Update the "Plan of Operation, Club at Black Rock Land Application" (Reference No. 6 Page 2) to reflect current reuse operating and reporting procedures. Submit the revised Plan of Operation to DEQ for acceptance.
CA-188-02 Prior to November 1, 2009	Class B Pilot Study Plan: A plan must be provided and accepted by DEQ outlining the parameters, locations and frequency of monitoring involved intended to demonstrate compliance of the wastewater applied to BRN with Class B standards.
CA-188-03 Prior to Public Use of the BRN Golf Course	Class B Pilot Study Report:: A copy of all of the data collected during the Class B pilot study per CA-188-02 and an evaluation by an engineer whether the data demonstrates compliance with Class B standards by the wastewater applied to BRN must be submitted and accepted by DEQ.
CA-188-04 Prior to November 1, 2009	Lagoon Seepage Procedure: A description of the procedures to be following when seepage testing the 17 MG wastewater lagoon (LG-0188-01) must be submitted to DEQ. Before the seepage test is started, the proposed procedure must be accepted by DEQ.
CA-188-05 May 1, 2010	Lagoon Seepage Test:: A report must be submitted to DEQ by the system engineer containing seepage testing results and evaluating compliance of the 17 MG wastewater lagoon (LG-0188-01) with the lagoon testing and seepage rates specified in Section 493 of the Idaho Wastewater Rules (IDAPA 58.01.16).
CA-188-06 May 1, 2010	Ground Water Characterization and Monitoring Plan: A detailed report must be submitted to DEQ providing a characterization of the direction, quality, and rate of movement of the ground waters underneath the Club at Black Rock and BRN. The report needs to propose a plan for monitoring ground waters potentially influenced by development activities and/or affected by the reuse activities and agree to implement monitoring improvements as directed by DEQ.

F. Permitted Limits and Conditions

- 1) 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																											
Type of Wastewater	Municipal Wastewater																											
Application Site Areas (HMUs)	Class C: MU-1A to C and MU-2A and B at the Club at Black Rock (25.1 acres) Class B: MU-06 (Driving Range and Golf Hole #1), MU-07 (Golf Holes #2, 3, and 4) and MU-08 (Golf Holes #5, 6, and 7) at Black Rock North (29.0 acres)																											
Application Season	May 15 to October 15																											
Growing Season (GS)	May 1-October 30																											
Non-Growing Season (NGS)	November 1- April 30.																											
Certified Operator	Class II Wastewater; Class I Collection; and Land Application licenses required. See IDAPA 58.01.02.406.																											
Reporting Year for Annual Loading Rates	January 1 –December 31																											
Maximum Hydraulic Loading Rate, Growing Season (includes wastewater and excludes supplemental irrigation water, if used)	<p>Hydraulic Loading Rate of wastewater shall not exceed the individual monthly and annual rates listed below:</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Month</th> <th style="text-align: center;">Club at Black Rock (inches)</th> <th style="text-align: center;">Black Rock North (inches)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">May 15-31</td> <td style="text-align: center;">1.0</td> <td style="text-align: center;">1.0</td> </tr> <tr> <td style="text-align: center;">June</td> <td style="text-align: center;">2.0</td> <td style="text-align: center;">4.0</td> </tr> <tr> <td style="text-align: center;">July</td> <td style="text-align: center;">4.0</td> <td style="text-align: center;">7.0</td> </tr> <tr> <td style="text-align: center;">August</td> <td style="text-align: center;">4.0</td> <td style="text-align: center;">7.0</td> </tr> <tr> <td style="text-align: center;">September</td> <td style="text-align: center;">2.0</td> <td style="text-align: center;">4.0</td> </tr> <tr> <td style="text-align: center;">October 1-15</td> <td style="text-align: center;">1.0</td> <td style="text-align: center;">1.0</td> </tr> <tr> <td style="text-align: center;">Total</td> <td style="text-align: center;">14.0</td> <td style="text-align: center;">24.0</td> </tr> <tr> <td style="text-align: center;">Maximum Annual</td> <td style="text-align: center;">9.5 MG</td> <td style="text-align: center;">18.9 MG</td> </tr> </tbody> </table>	Month	Club at Black Rock (inches)	Black Rock North (inches)	May 15-31	1.0	1.0	June	2.0	4.0	July	4.0	7.0	August	4.0	7.0	September	2.0	4.0	October 1-15	1.0	1.0	Total	14.0	24.0	Maximum Annual	9.5 MG	18.9 MG
Month	Club at Black Rock (inches)	Black Rock North (inches)																										
May 15-31	1.0	1.0																										
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July	4.0	7.0																										
August	4.0	7.0																										
September	2.0	4.0																										
October 1-15	1.0	1.0																										
Total	14.0	24.0																										
Maximum Annual	9.5 MG	18.9 MG																										
Runoff	No runoff of wastewater allowed. Storm water runoff during the non growing season can be diverted to natural drainageways.																											
Ground Water	No wastewater reuse is allowed onto a hydraulic management unit when depth to ground water is 36 inches or less as measured by the piezometer located within each HMU. Ground Water Quality shall be in compliance with <i>Idaho Ground Water Quality Rule</i> IDAPA 58.01.11																											

F. Permitted Limits and Conditions

Category	Permitted Limits and Conditions
Turbidity of Class B Wastewater	<p>Turbidity shall be measured continuously.</p> <p>The turbidity standard shall be met prior to disinfection.</p> <p>Arithmetic mean of daily samples shall not exceed 2.0 NTU</p> <p>No single reading shall exceed 5 NTU.</p> <p>Annual calibration of turbidimeters according to manufacturer's requirements.</p>
<u>Total Coliform Bacteria:</u> Class B Wastewater	<p>For determining compliance with the Class B 2.2 / 100 ml disinfection level: the median value of the last five (5) results must not exceed 2.2 organisms / 100 ml. In addition, no single sample value shall exceed 23 organisms / 100 ml.</p>
Class C Wastewater	<p>For determining compliance with the Class C: 23 / 100 ml disinfection level: the median value of the last five (5) results must not exceed 23 organisms/ 100 ml. In addition, no single sample value shall exceed 230 organisms / 100 ml.</p> <p>Point of compliance is any point after final treatment and disinfection contact time,</p>
Residual Chlorine for Class B wastewater	Residual chlorine at the point of compliance shall not be less than 1.0 mg/l free chlorine measured after a contact time of 30 minute at peak flow.
Maximum Nitrogen Loading Rate, pounds / acre-year, each HMU (from all sources including waste solids and supplemental fertilizers).	150 pounds/acre-year
Construction Plans	Prior to construction or modification of any 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.
Grazing	Grazing shall be allowed only on MU-2A and MU-2B in accordance with Black Rock Utilities Inc. Wastewater Land Application Permit Grazing Plan (November 2006) and Revised Grazing Plan (2007) by J-U-B Engineers Inc.
Allowable crops	Crops grown for direct human consumption (those crops that are not processed prior to consumption) are not allowed.
Fencing and Posting	Signs shall be posted every 500 feet designating the Class C wastewater fields in the Club at Black Rock as wastewater reuse areas or equivalent – see Reuse Guidance. No signs or posting is required of the Class B application areas in Black Rock North.
Odor Management	The wastewater treatment plant, reuse facilities, and other operations associated with the facility shall not create a public health hazard or nuisance conditions, including odors. In the event nuisance odors are reported, DEQ reserves the right to require implementation of an Odor Management Plan approved by DEQ.

F. Permitted Limits and Conditions

Buffer Zone Distances	Disinfection Level (total coliform)	Distance to Public Access	Distances to Inhabited Dwellings	Distance to streams	Distance to private water sources	Distance to public water sources	Single sample maximum total coliform level
	2.2 /100 ml	0 feet	100 feet	100 feet	500	1000	23/100 ml
	23/100 ml	50 feet	300 feet	100 feet	500	1000	240/100ml

- 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) Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored.
- 4) Monitoring locations are described in Appendix 1. Environmental Monitoring Serial Numbers.
- 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) Annual reporting of monitoring requirements is described in Section H, Standard Reporting Requirements.

G. Facility Monitoring

Facility Monitoring Table

Frequency	Monitoring Point	Description and Type of Monitoring	Parameters
Daily	Flow meter on treatment site influent pipeline	Volume of wastewater discharged to the treatment site from the BR and BRN collection systems.	<u>For BR and for BRN:</u> Gallons per day Gallons per month Gallons per year
Monthly on the 1 st day	Collection system	Number of equivalent residential users (ERUs)	Total connected and estimated total occupied ERUs during the month.
Monthly on the 1 st day	Wastewater Lagoon	Elevation of wastewater and volume of stored wastewater	Elevation above sea level and million gallons stored.
Daily (when land applying)	Irrigation Flow Meter	Volume of Wastewater land applied to each HMU.	Gallons per day and per month
Quarterly	Two underdrain discharges	Observe for any discharge. If discharge observed, report discharge to DEQ and sample discharge for parameters.	Gallons per minute Total nitrogen Total coliform E. coli
July and September 2010 and 2014	Discharge Point of Wastewater to Reuse	grab sample	Total nitrogen and total phosphorus
Daily (during growing season)	Flow Meter on irrigation system	Supplemental Irrigation Water	Gallons/Month applied to each HMU in Black Rock North.
When irrigating Class B HMUs	Discharge Point of Wastewater to Reuse	Daily grab sample Continuous turbidity prior to Disinfection Free Chlorine Residual after 30 minutes of contact	Total Coliform NTU mg/l
When irrigating Class C HMUs	Discharge Point of Wastewater to Reuse	Weekly grab sample	Total Coliform

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 applicable Regional DEQ Office.

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

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.

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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 Certification 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.

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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 Waste Water 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 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. 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.

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Appendix 1
Environmental Monitoring Serial Numbers

HYDRAULIC MANAGEMENT UNITS

Serial Number	Description	Acres	Vegetation Type
	Club at Black Rock		
MU-00188-1A	BR MU-1A	4.31	Poplar Trees
MU-00188-1B	BR MU-1B	4.40	Poplar Trees
MU-00188-1C	BR MU-1C	5.81	Poplar Trees
MU-00188-2A	BR MU-2A	5.28	Pasture Grass
MU-00188-2B	BR MU-2B	5.30	Pasture Grass
	Black Rock North	Subtotal 25.1	
MU-00188-06	Driving Range and Hole #1	12.7	Turf Grass
MU-00188-07	Holes #2, 3, and 4	8.0	Turf Grass
MU-00188-08	Hole #5, 6, and 7	8.3	Turf Grass
		29.0	
	Total	54.1	

WASTEWATER SAMPLING POINTS

Serial Number	Description
WW-0188-01	Lagoon Underdrain on north end
WW-0188-02	Lagoon Underdrain on south end
WW-0188-03	Discharge to FAST treatment units
WW-0188-04	Discharge to reuse after chlorine contact
WW-0188-05	Wastewater treatment lagoon

Appendix 1
Environmental Monitoring Serial Numbers

PIEZOMETERS

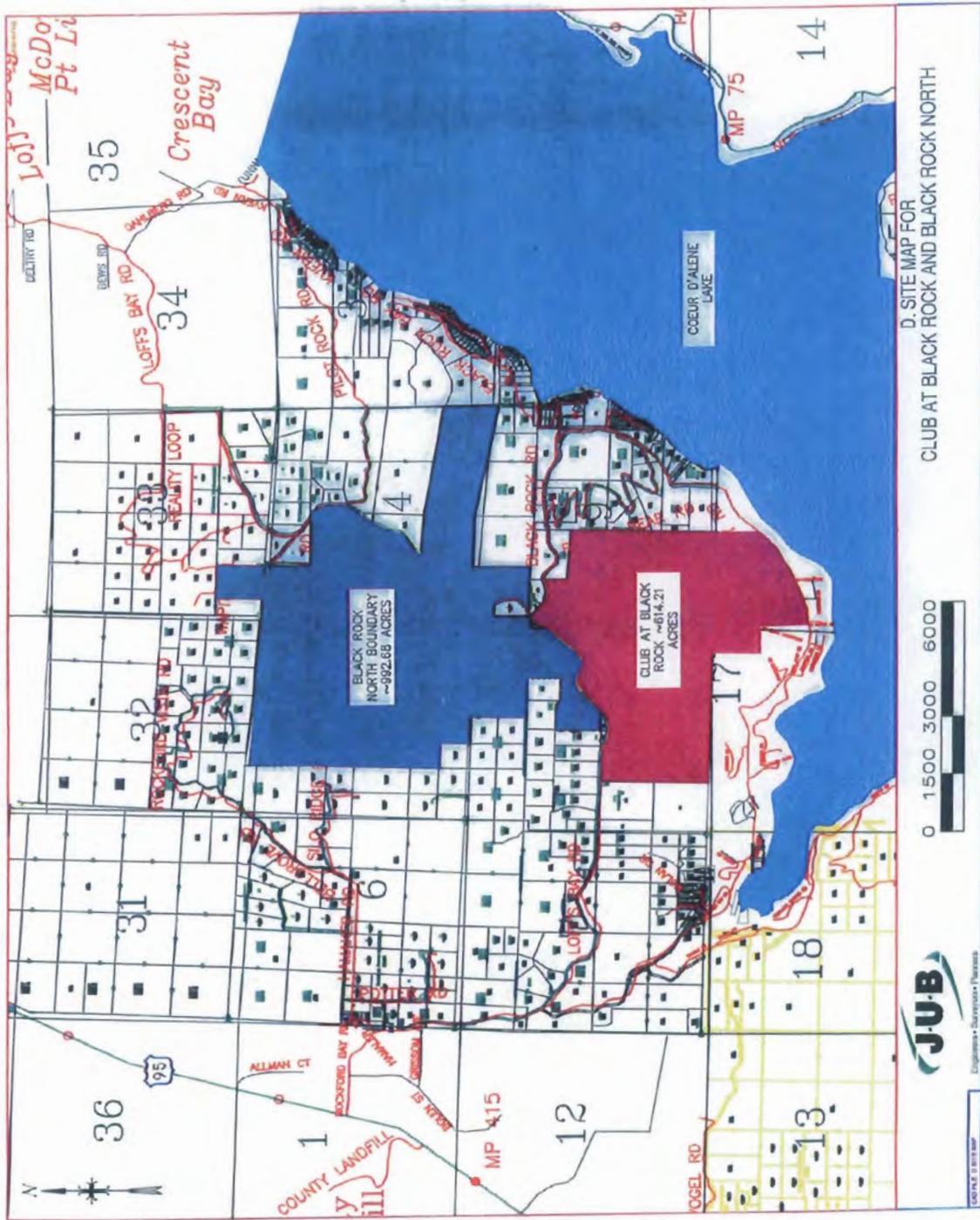
Serial Number	Description
PZ-0188-1A West	MU-1A west of lagoon
PZ-0188-1B South	MU-1B south of lagoon
PZ-0188-1B Southeast	MU-1B southeast of lagoon
PZ-0188-1C Northeast	MU-1C northeast of lagoon
PZ-0188-2A West	MU-2A horse pasture west side
PZ-0188-2B West	MU-2B horse pasture west side
PZ-0188-06	MU-06 (Driving Range and Hole #1)
PZ-0188-07	MU-07 (BRN Holes #2, 3, and 4)
PZ-0188-08	MU-08 (BRN Holes #5, 6, and 7)

LAGOONS

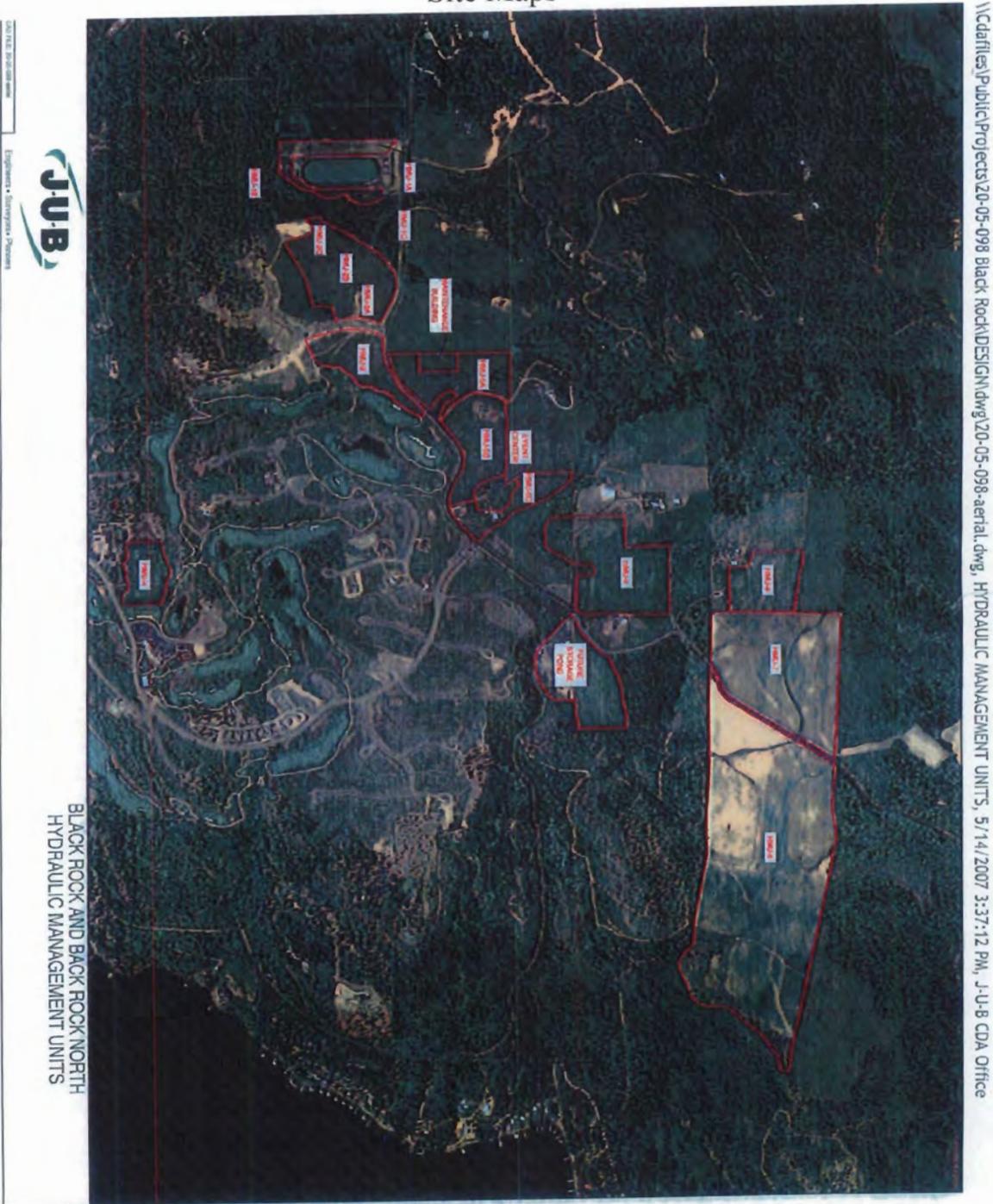
Serial Number	Description
LG-0188-01	17 MG Wastewater Treatment Lagoon
LG-0188-02	Pond 2 at Black Rock North

Appendix 2 Site Maps

\\C:\afles\Public\Projects\20-05-098 Black Rock\DESIGN\dwg\1 SITE_MAP.dwg, D. SITE MAP, 5/14/2007 11:59:27 AM, J-U-B CDA Office



Appendix 2 Site Maps



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Appendix 2
Site Maps

