Idaho Department of Environmental Quality
Reuse Permit M-090-05

(Previous Permit No. LA-000090-04)

Mountain Utility Company (hereafter "permittee") is hereby authorized to construct, install, and operate a reuse facility in accordance with (1) this permit; (2) "Recycled Water Rules" (IDAPA 58.01.17); (3) an approved plan of operation; and (4) all other applicable federal, state, and local laws, statutes, and rules. This permit is effective from the date of signature and expires on June 29, 2025.

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

June 29, 2015
Date

Idaho Department of Environmental Quality
Coeur d'Alene Regional Office
2110 Ironwood Parkway
Coeur d'Alene, ID 83814
(208) 769-1422
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1. Common Acronyms/Abbreviations and Definitions

CA	compliance activity
CFU	colony forming unit
DEQ	Idaho Department of Environmental Quality
DEQ guidance	DEQ *Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater*, latest revision
Director	Idaho Department of Environmental Quality director or designee unless otherwise specified
E_i	irrigation efficiency
EPA	US Environmental Protection Agency
ERU	equivalent residential unit
FM	prefix for flow measurement/monitoring location, device, or method reporting serial number
GW	prefix for ground water reporting serial number
HMU	hydraulic management unit
HDPE	high-density polyethylene
IDAPA	Idaho Administrative Procedures Act
IDWR	Idaho Department of Water Resources
IWR	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. The equation used to calculate the IWR is $IWR = P_{def}/E_i$.
LG	prefix for lagoon reporting serial number
MG	million gallons
mg/kg	milligram per kilogram
mg/L	milligram per liter
mL	milliliter
MU	prefix for management unit reporting environmental serial number
NPDES	National Pollutant Discharge Elimination System
NTU	nephelometric turbidity unit

P_{def}	precipitation deficit— synonymous with the net irrigation water requirement of the crop and for the purposes of this permit is found at http://data.kimberly.uidaho.edu/ETIdaho/
PO	plan of operation
PVC	polyvinyl chloride
QAPP	quality assurance project plan
Responsible official	facility contact person authorized by the permittee to communicate with DEQ on behalf of the permittee on any matter related to the permit, including without limitation, the authority to communicate with and receive notices from DEQ regarding notices of violation or noncompliance, permit violations, permit enforcement, and permit revocation. The responsible official is also responsible for providing written certification of permit application materials, annual report submittals, and other information submitted to DEQ as required by the permit. Any notice to or communication with the responsible official is considered a notice to or communication with the permittee. The responsible official may designate an authorized representative to act as the facility contact person for any of the activities or duties related to the permit, except signing and certifying the permit application, which must be done by the responsible official. The authorized representative shall act as the responsible official and shall bind the permittee as described in this definition. Designation of the authorized representative shall follow the requirements specified in section 6.1.3 of the permit.
SU	prefix for soil monitoring unit reporting serial number
SW	prefix for supplemental irrigation water reporting serial number
USGS	US Geological Survey
WW	prefix for wastewater reporting serial number

2. Facility Information

Information Type	Information Specific to This Permit
Type(s) of recycled water	Class E Municipal Wastewater
Method of treatment and reuse	Solids removal through individual septic tanks with effluent filters, followed by facultative lagoon treatment and storage. This is followed by growing season drip irrigation and nongrowing season subsnow drip irrigation to forest land.
System classification	Class 1 system for Treatment and Collections
Facility location	Resort and Office Location Schweitzer Mountain Resort, Bonner County, ID Reuse Site Locations - Schweitzer Creek Area: Township 58N, Range 2W, Section 21 (Sandpoint USGS Quad) - Outback Lodge Area: Township 58N, Range 2W, Section 9 (Colburn USGS Quad) - Swede Creek Area: Township 58N, Range 2W, Section 22 (Sandpoint USGS Quad) - Summit Lodge Area: Township 58N, Range 2W, Section 17 Mount Casey USGS Quad
Facility mailing address	165 Village Lane, Suite A, Sandpoint ID 83864
Facility responsible official and authorized representative	Responsible Official: Tom Trulock, Director Mountain Utility Company 165 Village Lane, Suite A Sandpoint ID 83864 (208) 255-3046; (208) 255-4576 (fax) E-mail: ttrulock@schweitzer.com Authorized Representative: Scott G. McNee P.E., Engineer T-O Engineers, Inc. West 280 Prairie Avenue Coeur d'Alene, Idaho 83815 Phone (208) 762-3644 Fax: (208) 762-3708 E-mail: smcnee@to-engineers.com Notify the Idaho Department of Environmental Quality (DEQ) within 30 days if there is a change in personnel for any of the above facility contacts. A minor permit modification will be issued by DEQ to confirm the change.

Information Type	Information Specific to This Permit
Other facility contact(s)	Other Facility Contacts: Jacqueline Burton, Wastewater Operator (Certifications: WWC1-17339 collections; WWT1-15618 treatment; WWTLA-16290 land application) E-mail: MUCtech@schweitzer.com
Ground water	Depth: Variable depending on time of year and particular reuse area. Measured depths of greater than 36 inches are required before starting land application. Type of aquifer and general flow direction: base flow in granitic material. Flow follows topography. Beneficial uses: none in the reuse areas
Surface water	- Schweitzer Creek Area: Schweitzer Creek, a tributary to Sand Creek and Lake Pend Oreille (0.1 mile). - Beneficial uses: none designated in IDAPA 58.01.02.110.05. - Presumed uses are cold water biota and secondary contact recreation. - Swede Creek Area: Unnamed seasonal tributary to Sand Creek and Lake Pend Oreille (passes through the site). - Beneficial uses: none designated in IDAPA 58.01.02.110.05 (not listed). - Presumed uses are cold water biota and secondary contact recreation. - Outback Lodge Area: Colburn Creek, a tributary to the Pack River and Lake Pend Oreille (0.1 mile). - Beneficial uses: none designated in IDAPA 58.01.02.110.05. - Presumed uses are cold water biota and secondary contact recreation. - Summit Lodge Area: Colburn Lake, (0.4 miles to the east) (not listed and in a different watershed); and Middle Fork East River (0.6 miles to the west). - Beneficial uses: none designated in IDAPA 58.01.02.110.05. - Presumed uses are cold water biota and secondary contact recreation.
Public water supply	Nearby public water supply: Colburn Water Association is located nearby but is supplied water from a surface water intake on Berry Creek, a tributary to Colburn Creek outside the Outback Lodge drainage area.

3. Compliance Schedule for Required Activities

Compliance Activity (CA) Number and Completion Due Date	Compliance Activity Description
CA-090-01 Twelve (12) months after permit issuance	**Plan of Operation (PO)**: The permittee shall submit for review and approval a PO that reflects current operations and incorporates the requirements of this permit. The PO shall comply with the applicable requirements stated in IDAPA 58.01.17.300.05 and shall address applicable items in the Plan of Operation Checklist in the DEQ guidance. The PO shall include the following site management plans, or the permittee may submit the site management plans individually: 1. Buffer zone plan. 2. Emergency operating plan. 3. Irrigation management and scheduling plan. 4. Nuisance and odor management plan. 5. Runoff management plan. 6. Waste solids management plan. 7. Silvicultural plan for the Summit reuse area. The plan shall include nutrient management recommendations. The PO shall be updated as needed to reflect current operations. The permittee shall notify DEQ of material changes to the PO and copies shall be kept on site and made available to DEQ upon request.

Compliance Activity (CA) Number and Completion Due Date	Compliance Activity Description
CA-090-02 Twelve (12) months after permit issuance	**Quality Assurance Project Plan (QAPP)**: The permittee shall prepare and implement a QAPP that incorporates all monitoring and reporting required by this permit. A copy of the QAPP along with written notice that the permittee has implemented the QAPP shall be provided to DEQ. The QAPP shall be designed to assist in planning for the collection, analysis, and reporting of all monitoring in support of this permit and in explaining data anomalies when they occur. At a minimum, the QAPP must include the following: 1. Details on the number of measurements, number of samples, type of sample containers, preservation of samples, holding times, analytical methods, analytical detection, and quantitation limits for each target compound, type and number of quality assurance field samples, precision and accuracy requirements, sample preparation requirements, sample shipping methods, and laboratory data delivery requirements. 2. Maps indicating the location of each monitoring and sampling point. 3. Qualification and training of personnel. 4. Names, addresses, and telephone numbers of the laboratories used by or proposed to be used by the permittee. 5. Example formats and tables that will be used by the permittee to summarize and present all data in the annual report. The format and content of the QAPP should adhere to the recommendations and references in the Quality Assurance and Data Processing sections of the DEQ guidance. The permittee shall amend the QAPP whenever there is a modification in sample collection, sample analysis, or other procedure addressed by the QAPP. The permittee shall notify DEQ of material changes to the QAPP, and copies shall be kept on site and made available to DEQ upon request.

<table>
<tr><th>Compliance Activity (CA) Number and Completion Due Date</th><th>Compliance Activity Description</th></tr>
<tr><td>CA-090-03
As specified</td><td>Seepage Testing: The following table shows the date by which the permittee shall complete seepage testing on the specified lagoons:
<table><tr><th>Lagoon</th><th>Seepage Test Report Due Date</th></tr><tr><td>LG-009001: Lagoon #1</td><td>August 24, 2021</td></tr><tr><td>LG-009002: Lagoon #2</td><td>August 6, 2023</td></tr></table>Submit to DEQ for review and approval a proposed schedule and procedure for performing the required seepage tests at least 42 days before the planned seepage test. Seepage test procedures are available at http://www.deq.idaho.gov/water-quality/wastewater/lagoon-seepage-testing.aspx The seepage test procedures shall be sealed by the Idaho-licensed professional engineer or professional geologist in responsible charge for the test.

Seepage tests shall be completed in accordance with the procedures approved by DEQ. The seepage test report shall be sealed by the person in responsible charge and submitted within 90 days after completion of the seepage test.</td></tr>
<tr><td>CA-090-04
As needed</td><td>Piezometer Recompletion or Replacement:
- April Sampling Events: In the event that any piezometer is dry for three consecutive April sampling events, the piezometer shall be either recompleted to a depth that consistently yields ground water samples during April sampling events, or replaced to yield the same. Plans and specifications for piezometer recompletion or replacement shall be submitted to DEQ for review and approval before recompletion or replacement. Alternatively, for downgradient monitoring wells that are dry for three consecutive April sampling events, the permittee may opt not to replace or recomplete such wells under the condition that, for hydraulic management units being monitored, non-growing season nitrogen loading shall be limited to 40 lb-N/acre.
- November Sampling Events: In the event that any piezometer is dry for three consecutive November sampling events, the piezometer shall be either recompleted to a depth that consistently yields ground water samples during November sampling events, or replaced to yield the same. Plans and specifications for piezometer recompletion or replacement shall be submitted to DEQ for review and approval before recompletion or replacement. Alternatively, for downgradient monitoring wells that are dry for three consecutive November sampling events, the permittee may opt not to replace or recomplete such wells under the condition that, for hydraulic management units being monitored, growing season nitrogen loading shall be limited to 30 lb-N/acre.

- For up-gradient monitoring wells that meet criteria for replacement or recompletion, the permittee may opt not to replace or recomplete such wells under the condition that DEQ shall regard any constituent of concern identified in the permit as having levels below detection limit for compliance evaluation purposes.
- For the Outback Reuse area management units MU-09041 and MU-09042 that are served by two down-gradient monitoring piezometers, the above shall not apply as long as at least one of the piezometers is consistently yielding samples.</td></tr>
</table>

Compliance Activity (CA) Number and Completion Due Date	Compliance Activity Description
CA-090-05 Annually with the Annual Report	**Equivalent Residential Unit (ERU) Report:** As an addendum to each annual report, prepare a ERU report describing (1) new ERUs that connected to the sewer system during the year; (2) total ERUs now actively connected to the sewer system; (3) ERUs not presently connected to the sewer system but with approval to connect and/or with paid connection fees; and (4) ERUs planned for the next year.
CA-090-06 Annually with the Annual Report	**Inflow and Infiltration Report:** As an addendum to each annual report, prepare an inflow and infiltration report describing and evaluating the work done during the past construction season to correct excessive inflow and infiltration according to the recommendations of the Schweitzer Mountain Resort Infiltration/Inflow Study by Kimball Engineering, August 1999. Include a description and schedule of inflow/infiltration projects to be undertaken during the next construction season.
CA-090-07 Annually with the Annual Report	**HMU Nitrogen-Loading Changes Report:** As an addendum to each annual report, prepare an HMU nitrogen-loading changes report describing any and all HMU-loading changes to date that have been made as a result of the performance-based ground water nitrate-N level/HMU nitrogen-loading condition in section 4.3 of this permit.
CA-090-08 Annually with the Annual Report	**Silvicultural Activities Report:** As an addendum to each annual report, prepare a silvicultural activities report specifying any silvicultural activities done during the reporting year and activities as recommended in the silvicultural planning documents (Opperman 2003, 2008, and 2011).
CA-090-09 August 15, 2015; inspection report annually with the Annual Report	**Access, Barrier, and Signage Plan Implementation and Report:** The permittee shall fully implement the December 2, 2014, Access, Barrier, and Signage Plan by the date specified here. Barriers and signage shall be inspected each year in May, and a brief report provided, stating (1) any repairs and/or improvements made to the access, barriers, and signage, and (2) incidents of trespassing onto land treatment areas. This report shall be included as an addendum to each annual report.
CA-090-10 October 31, 2023	**Preapplication Workshop:** If the permittee intends to continue operating the reuse facility beyond the expiration date of this permit, the permittee shall contact DEQ and schedule a preapplication workshop to discuss the compliance status of the facility and the content required for the reuse permit application package.
CA-090-11 April 30, 2024	**Renewal Permit Application:** The permittee shall submit to DEQ a complete permit renewal application package, which fulfills the requirements specified at the preapplication workshop identified in CA-090-10.

4. Permit Limits and Conditions

4.1 Hydraulic Management Unit Descriptions

Serial Number	Description	Previous Serial Number	Previous Description	Status	Maximum Acres[a] Allowed
Schweitzer Creek Area					
MU-09001	Area 1	MU-009001	Area 1A	Pending reconstruction	1.6
MU-09002	Area 2	MU-009003	Area 2	Pending reconstruction	2.28
MU-09003	Area 3	MU-009004	Area 3	Pending reconstruction	2.07
MU-09004	Area 4	MU-009005	Area 4	Active	2.43
MU-09005	Area 5	MU-009006	Area 5	Active	2.08
MU-09006	Area 6	MU-009007	Area 6	Active	2.96
MU-09007	Area 7	MU-009010	Area 7	Pending reconstruction	2.77
MU-09008	Area 8	MU-009011	Area 8	Pending reconstruction	2.96
MU-09009	Area 9	MU-009012	Area 9	Pending reconstruction	3.00
MU-09010	Area 10	MU-009013	Area 10	Pending reconstruction	3.06
MU-09011	Area 11	MU-009008	Area S-1A	Active	0.59
MU-09012	Area 12	MU-009009	Area S-2A/ S-2B	Pending reconstruction	2.22
MU-09013	Area 13	MU-009019	Area S-5	Active	1.66
MU-09014	Area 14	MU-009020	Area S-6	Active	1.26
MU-09015	Area 15	MU-009021	Area S-7/8	Active	0.43
MU-09016	Area 16	MU-009023	Area S-9	Active	1.15
MU-09017	Area 17	MU-009024	Area S-10	Active	8.45
MU-09018	Area 18	MU-009025	Area S-11A	Active	1.91
MU-09019	Area 19	MU-009025	Area S-11B	Active	1.85
MU-09020	Area 20	MU-009026	Area S-12	Active	3.12
MU-09021	Area 21	MU-009027	Area S-13	Active	2.48
MU-09022	Area 22	MU-009028	Area S-14	Active	2.43
Schweitzer Creek Area Acreage Total:					51.86

Serial Number	Description	Previous Serial Number	Previous Description	Status	Maximum Acres[a] Allowed
Swede Creek Area					
MU-09023	Area 23	MU-009032	Area 1A-1	Active	5.62
MU-09024	Area 24	MU-009033	Area 1A-2	Active	4.82
MU-09025	Area 25	MU-009034	Area 1A-3	Active	4.01
MU-09026	Area 26	MU-009035	Area 1A-4	Active	6.42
MU-09027	Area 27	MU-009036	Area 1A-5	Active	4.57
MU-09028	Area 28	MU-009037	Area 1A-6	Active	5.56
MU-09029	Area 29	MU-009038	Area 1B-1	Pending construction Phase 1B	6.40
MU-09030	Area 30	MU-009039	Area 1B-2	Pending construction Phase 1B	3.97
MU-09031	Area 31	MU-009040	Area 1B-3	Pending construction Phase 1B	3.74
MU-09032	Area 32	MU-009041	Area 1B-4	Pending construction Phase 1B	5.15
MU-09033	Area 33	MU-009042	Area 1B-5	Pending construction Phase 1B	5.01
MU-09034	Area 34	MU-009043	Area 1B-6	Pending construction Phase 1B	4.93
MU-09035	Area 35	MU-009044	Area 1B-7	Pending construction Phase 1B	6.04
MU-09036	Area 36	MU-009045	Area 1B-8	Pending construction Phase 1B	5.05
MU-09037	Area 37	MU-009046	Area 1B-9	Pending construction Phase 1B	5.25
MU-09038	Area 38	MU-009047	Area 1B-10	Pending construction Phase 1B	3.64
MU-09039	Area 39	MU-009048	Area 1B-11	Pending construction Phase 1B	3.59
MU-09040	Area 40	MU-009049	Area 1B-12	Pending construction Phase 1B	1.86
Swede Creek Area Acreage Total:					85.63
Outback Area					
MU-09041	Area 41	MU-009030	Area OUT-1A	Active	1.20
MU-09042	Area 42	MU-009031	Area OUT-1B	Active	1.15
Outback Lodge Area Acreage Total:					2.35

Serial Number	Description	Previous Serial Number	Previous Description	Status	Maximum Acres[a] Allowed
Summit Lodge Area					
MU-09043	Area 43	NA	NA	Pending construction	2.5
MU-09044	Area 44	NA	NA	Pending construction	2.7
Summit Lodge Area Acreage Total:					5.2
Total acreage:					145.04

a. Maximum acres represent the total permitted acreage of the MU as provided by the permittee. If the permittee uses less acreage in any season or year, then loading rates shall be presented and compliance shall be determined based on the actual acreage used during each season or year.

4.2 Hydraulic-Loading Limits

Serial Number	Growing Season Hydraulic-Loading Limits[a]	Nongrowing Season Hydraulic-Loading Limits[b]
Schweitzer Creek area: All HMUs listed in section 4.1. Swede Creek area: All HMUs listed in section 4.1.	May: 1.88 inches/acre; 0.051 MG/acre Jun: 4.15 inches/acre; 0.112 MG/acre Jul: 5.95 inches/acre; 0.161 MG/acre Aug: 4.55 inches/acre; 0.123 MG/acre Sep: 1.96 inches/acre; 0.053 MG/acre Oct: 1.52 inches/acre; 0.041 MG/acre Application allowed in these months when ground water depth is greater than 36 inches.	Dec: 2.65 inches/acre; 0.072 MG/acre Jan: 5.33 inches/acre; 0.145 MG/acre Feb: 5.62 inches/acre; 0.153 MG/acre Mar: 5.61 inches/acre; 0.152 MG/acre Application allowed in these months when snow cover is greater than 24 inches deep.
Outback area: All HMUs listed in section 4.1.	Jul: 5.95 inches/acre; 0.161 MG/acre Aug: 4.55 inches/acre; 0.123 MG/acre Sep: 1.96 inches/acre; 0.053 MG/acre Application allowed in these months when ground water depth is greater than 36 inches.	Nov: 1.63 inches/acre; 0.044 MG/acre Dec: 2.65 inches/acre; 0.072 MG/acre Jan: 5.33 inches/acre; 0.145 MG/acre Feb: 5.62 inches/acre; 0.153 MG/acre Mar: 5.61 inches/acre; 0.152 MG/acre April: 1.24. inches/acre; 0.034 MG/acre Application allowed in these months when snow cover is greater than 24 inches deep.
Summit Lodge area: All HMUs listed in section 4.1.	Jun: 4.15 inches/acre; 0.112 MG/acre Jul: 5.95 inches/acre; 0.161 MG/acre Aug: 4.55 inches/acre; 0.123 MG/acre Sep: 1.96 inches/acre; 0.053 MG/acre	Nov: 1.63 inches/acre; 0.044 MG/acre Dec: 2.65 inches/acre; 0.072 MG/acre Jan: 5.33 inches/acre; 0.145 MG/acre Feb: 5.62 inches/acre; 0.153 MG/acre Mar: 5.61 inches/acre; 0.152 MG/acre

Serial Number	Growing Season Hydraulic-Loading Limits[a]	Nongrowing Season Hydraulic-Loading Limits[b]
		April: 1.24. inches/acre; 0.034 MG/acre
	Application allowed in these months when ground water depth is greater than 36 inches.	Application allowed in these months when snow cover is greater than 24 inches deep.

a. All HMUs are irrigation system type *subsurface drip* ($E_i = 0.80$).
b. Record daily, as necessary, abnormal conditions as a result of nongrowing season application including ponding, excessive ice buildup, or runoff from the permitted site.

4.3 Constituent-Loading Limits

Serial Number	Nitrogen (lb/acre)	
	Growing Season (1)	Nongrowing Season (2)
All HMUs listed in section 4.1 except MU-09017 (formerly MU-009024 and Area S-10)	150 – N applied in NGS (see Note 1)	70 (see Note 2)
MU-09017 (formerly MU-009024 and Area S-10)	150 – N applied in NGS (see Note 1)	56 (see Note 3)
Note 1) In the event that downgradient monitoring well nitrate-N data for any downgradient monitoring well are greater than 2.0 mg/L for two consecutive November sampling events, the permittee shall reduce succeeding growing season wastewater nitrogen-loading rates on the HMU(s) associated with the downgradient monitoring well(s) to 80% of the most recent growing season nitrogen-loading rate. Upon DEQ review and approval, this rate shall constitute the revised N-loading limit for the particular HMU(s). The two successive sampling events after establishing a new loading limit constitutes a new evaluation period with the same conditions.		
Note 2) In the event that downgradient monitoring well nitrate-N data for any downgradient monitoring well are greater than 2.0 mg/L for two consecutive April sampling events, the permittee shall reduce succeeding nongrowing season wastewater nitrogen-loading rates on the HMU(s) associated with the downgradient monitoring well(s) to 80% of the most recent growing season nitrogen-loading rate. Upon DEQ review and approval, this rate shall constitute the revised N-loading limit for the particular HMU(s). The two successive sampling events after establishing a new loading limit constitutes a new evaluation period with the same conditions.		
Note 3) Conditions specified in Notes 1 and 2 shall apply to MU-09017 beginning with the April 2017 sampling event.		
General Note) Mitigation of ground water contamination in any downgradient monitoring well associated with an HMU that is subject to revised loading rate limits as described in Notes 1 and 2 above may present cause to restore the HMU nitrogen loading to the previous rate. Such requests shall be made in writing to the Coeur d'Alene Regional Office for review and approval.		

4.4 Management Unit Buffer Zones

Serial Number	Buffer Distances (feet) from Hydraulic Management Units					
	Public Water Supplies	Private Water Supplies	Inhabited Dwellings	Permanent and Intermittent Surface Water	Irrigation Ditches and Canals	Areas Accessible to the Public
All HMUs listed in section 4.1	1,000	500	300	50	50	50

4.5 Other Permit Limits and Conditions

Category	Permit Limits and Conditions
Growing season	Schweitzer Creek area: May 1 through October 31 (184 days) Swede Creek area: May 1 through October 31 (184 days) Summit Lodge area: June 1 through September 30 (122 days) Outback Lodge area: July 1 through October 31 (123 days)
Nongrowing season	Schweitzer Creek area: December 1 through March 31 (121 days) Swede Creek area: December 1 through March 31 (121 days) Summit Lodge area: November 1 through April 30 (181 days) Outback Lodge area: November 1 through April 30 (181 days)
Reporting year for annual loading rates	November 1 through October 31
Operator certification and endorsement	The wastewater treatment facility and reuse system shall be operated by personnel certified and licensed in the State of Idaho wastewater operator training program at the operator class level specified in IDAPA 58.01.16.203 and properly trained to operate and maintain the system.
Disinfection limits in recycled water	Class E: There is no limit for total coliform organisms.
Crop or vegetation allowed	Forested land only
Grazing	Grazing is not allowed.
Posting	Irrigation warning signs shall read “Warning: Irrigated with Reclaimed Wastewater: No Trespassing.” Roadside warning signs shall read “Public Access Prohibited: Wastewater Application Area: No Trespassing.” Signs are to be posted according to the approved Access, Barrier, and Signage Plan dated December 2, 2014.
Fencing	Fencing is required along the eastern boundary of MU-009043, as described in the approved Access, Barrier, and Signage Plan, dated December 2, 2014.

Category	Permit Limits and Conditions
Construction plans	Pursuant to Idaho Code §39-118, IDAPA 58.01.16, and IDAPA 58.01.17, detailed plans and specifications shall be submitted to DEQ for review and approval before construction, modification, or expansion of any wastewater treatment, storage, conveyance structures, or reuse facility. Inspection requirements shall be satisfied, and within 30 days of completion of construction, the permittee shall submit as-built plans or a letter from an Idaho professional engineer certifying the facilities or structures were constructed in substantial accordance with the approved plans and specifications.
Backflow prevention and testing requirements	Backflow prevention is required to protect surface water and ground water from an unauthorized discharge of recycled water or wastewater. Refer to section 9.1.1 of this permit.
Records retention requirements	Keep records generated to meet the requirements of this permit for the duration of the permit, including administrative extensions, plus 2 years.

5. Monitoring Requirements

5.1 Recycled Water and Supplemental Irrigation Water Sampling and Analyses

5.1.1 Wastewater and Surface Water Monitoring

Monitoring Point Serial Number and Location	Sample Description	Sample Type and Frequency	Constituents (Units in mg/L Unless Otherwise Specified)
WW-09003 In operations building, Schweitzer Creek area	Recycled water to Schweitzer Creek area and Swede Creek area HMUs	Grab/monthly (during periods of use)	- Total nitrogen
WW-09004 In operations building, Outback area	Recycled water to Outback area HMUs	Grab/monthly (during periods of use)	- Total nitrogen
WW-09006 At air valve manhole or flow meter vault	Recycled water to Summit Lodge area HMUs	Grab/monthly (during periods of use)	- Total nitrogen
SW-09001 Schweitzer Creek at least 300 feet upstream of HMU application area	Surface water	Grab samples in June and September	- Nitrate + nitrite-nitrogen - Total phosphorus - Total coliform (CFU/100 mL)
SW-09002 Schweitzer Creek at least 300 feet downstream of HMU application area	Surface water	Grab samples in June and September	- Nitrate + nitrite-nitrogen - Total phosphorus - Total coliform (CFU/100 mL)
SW-09004 Unnamed creek at Swede Creek area, at least 300 feet upstream of HMU application area	Surface water	Grab samples in June and September	- Nitrate + nitrite-nitrogen - Total phosphorus - Total coliform (CFU/100 mL)
SW-09005 Unnamed creek at Swede Creek area, at least 300 feet downstream of HMU application area	Surface water	Grab samples in June and September	- Nitrate + nitrite-nitrogen - Total phosphorus - Total coliform (CFU/100 mL)

Monitoring Point Serial Number and Location	Sample Description	Sample Type and Frequency	Constituents (Units in mg/L Unless Otherwise Specified)
SW-09008 Colburn Creek at Outback Creek area, at least 300 feet downstream of HMU application area	Surface water	Grab samples in June and September	- Nitrate + nitrite-nitrogen - Total phosphorus - Total coliform (CFU/100 mL)
SW-09009 Colburn Creek at Outback Creek area, at least 300 feet upstream of HMU application area	Surface water	Grab samples in June and September	- Nitrate + nitrite-nitrogen - Total phosphorus - Total coliform (CFU/100 mL)

5.1.2 Management Unit and Other Flow Monitoring

Management Unit or Flow Measurement Serial Number and Location	Sample Description	Sample Type and Frequency	Measured Parameters, each MU
FM-09001 McCrometer propeller meter servicing Pump 1 and FM-09002 McCrometer propeller meter servicing Pumps 2 and 3 Both meters are in the Lagoon #1 operations building.	Wastewater effluent flow from LG-009001 to Schweitzer Creek and Swede Creek areas	- Daily meter reading - Monthly compilation of data	- Volume (MG/month) - Volume (inches/acre-month) - Volume (MG/year)
FM-09003 Northernmost McCrometer propeller meter (closest to the wall) servicing HMU 42, and FM-09004 Southernmost McCrometer propeller meter servicing HMU 41 Both meters are in the Outback Area operations building.	Wastewater effluent flow from Outback effluent storage tanks to Outback area	- Meter reading every two weeks - Monthly compilation of data	- Volume (MG/month) - Volume (inches/acre-month) - Volume (MG/year)

Management Unit or Flow Measurement Serial Number and Location	Sample Description	Sample Type and Frequency	Measured Parameters, each MU
FM-09005 McCrometer propeller meter servicing HMU 43 and FM-09006 McCrometer propeller meter servicing HMU 44 Both meters are in the meter vault above MU-09043.	Wastewater effluent flow from Summit Lodge effluent storage tanks to Summit Lodge area	- Daily meter reading - Monthly compilation of data	- Volume (MG/month) - Volume (inches/acre-month) - Volume (MG/year)

5.2 Ground Water Monitoring

5.2.1 Ground Water Monitoring Point Descriptions

Monitoring Point[a] Serial Number	Common Designation	Previous Common Designation	Associated HMU	Gradient Location
Schweitzer Creek Area				
GW-09001	PZ#1	#1	MU-09020	Downgradient
GW-09002	PZ#2	#2	MU-09021	Upgradient
GW-09003	PZ#3	#3	MU-09018	Downgradient
GW-09004	PZ#4	#4	MU-09017	Upgradient
GW-09005	PZ#5	#5	MU-09017	Downgradient
GW-09006	PZ#6	#6	MU-09017	Downgradient
GW-09007	PZ#7	#7	MU-09012	Downgradient
GW-09008	PZ#8	#8	MU-09012	Upgradient
GW-09009	PZ#9	#9	MU-09012	Downgradient
GW-09011	PZ#11	#11	MU-09011	Downgradient
GW-09012	PZ#12	#12	MU-09011	Downgradient
GW-09013	PZ#13	#13	MU-09016	Downgradient
GW-09014	PZ#14	#14	MU-09015	Downgradient
GW-09016	PZ#16	#16	MU-09014	Downgradient
GW-09017	PZ#17	#17	MU-09013	Downgradient
GW-09020	PZ#20	#S-1	MU-09008	Upgradient
GW-09021	PZ#21	#S-2	MU-09007	Downgradient

Monitoring Point[a] Serial Number	Common Designation	Previous Common Designation	Associated HMU	Gradient Location
GW-09022	PZ#22	#S-3	MU-09009	Downgradient
GW-09023	PZ#23	#S-4	MU-09009	Downgradient
GW-09024	PZ#24	#S-5	MU-09003	Downgradient
GW-09025	PZ#25	#S-6	MU-09001	Downgradient
GW-09026	PZ#26	#S-7	MU-09001	Downgradient
GW-09027	PZ#27	#S-8	MU-09004	Downgradient
GW-09028	PZ#28	#S-9	MU-09005	Downgradient
GW-09029	PZ#29	#S-10	MU-09005	Downgradient
Swede Creek Area				
GW-09035	PZ#35	#U1	MU-09030	Upgradient
GW-09036	PZ#36	#U2	MU-09029	Upgradient
GW-09037	PZ#37[b]	#U3[b]	MU-09037	Upgradient
GW-09038	PZ#38	#D1	MU-09024	Downgradient
GW-09039	PZ#39	#D2	MU-09027	Downgradient
GW-09040	PZ#40	#D3	MU-09028	Downgradient
GW-09041	PZ#41[b]	#D4[b]	MU-09031	Downgradient
GW-09042	PZ#42[b]	#D5[b]	MU-09036	Downgradient
GW-09043	PZ#43[b]	#D6[b]	MU-09035	Downgradient
GW-09044	PZ#44[b]	#D7[b]	MU-09038	Downgradient
GW-09045	PZ#45[b]	#D8[b]	MU-09034	Downgradient
GW-09046	PZ#46[b]	#D9[b]	MU-09033	Downgradient
GW-09047	PZ#47[b]	#D10[b]	MU-09032	Downgradient
Outback Lodge Area				
GW-09030	PZ#30	OUT-1-1	MU-09041/42	Upgradient
GW-09031	PZ#31	OUT-1-2	MU-09041	Downgradient
GW-09032	PZ#32	OUT-1-3	MU-09041	Downgradient
GW-09033	PZ#33	OUT-1-4	MU-09042	Downgradient
GW-09034	PZ#34	OUT-1-5	MU-09042	Downgradient

Monitoring Point[a] Serial Number	Common Designation	Previous Common Designation	Associated HMU	Gradient Location
Summit Lodge Area				
GW-09048	PZ#48[b]	NA	MU-09043/44	Upgradient
GW-09049	PZ#49[b]	NA	MU-09043	Downgradient
GW-09050	PZ#50[b]	NA	MU-09043	Downgradient
GW-09051	PZ#51[b]	NA	MU-09044	Downgradient
GW-09052	PZ#52[b]	NA	MU-09044	Downgradient

a. All monitoring points are ground water monitoring piezometers.
b. These piezometers are not installed. They will be scheduled for construction on an as-needed basis depending upon the development and activation of planned HMUs.
Note: NA = not applicable.

5.2.2 Ground Water Monitoring, Sampling, and Analyses

Monitoring Point Serial Number	Sampling Point Description	Sample Type and Frequency	Constituents (Units in mg/L Unless Otherwise Specified)
See section 5.2.1 for serial numbers	All monitoring wells listed in section 5.2.1, with the exceptions noted in section 5.2.3, Exempt Monitoring Wells table entries below	- Water level probe. Conduct during spring and early summer at the permittee's discretion. - Before use of any HMU, depth to ground water in associated monitoring wells must be greater than 36 inches. - Water level monitoring must provide documentation of required ground water depth.	- Water table depth (feet)
See section 5.2.1 for serial numbers	All monitoring wells listed in section 5.2.1, with the exceptions noted in section 5.2.3, Exempt Monitoring Wells table entries below	Unfiltered grab sample; April and November	- Nitrate nitrogen

5.2.3 Exemptions to Ground Water Monitoring, Sampling, and Analyses

Monitoring Point Serial Number	Sampling Point Description	Conditions for Exemption from Monitoring
Schweitzer Creek area	GW-09020 GW-09022 GW-09024 GW-09025 GW-09026	If MU-09001, MU-09002, MU-09003, MU-09007, MU-09008, MU-09009, and MU-09010 (Areas 1, 2, 3, 7, 8, 9, and 10) are not used for land treatment of recycled water, the monitoring wells listed are exempt from monitoring requirements. If one or more of these HMUs is used, monitoring wells listed shall no longer be exempt and shall be subject to monitoring requirements specified in section 5.2.2.
Schweitzer Creek area	GW-09028	If MU-09012 (Area 12) is not used for land treatment of recycled water, the monitoring well listed is exempt from monitoring requirements. If this HMU is used, the monitoring well listed shall no longer be exempt and shall be subject to monitoring requirements specified in section 5.2.2.
Swede Creek area	GW-09041	If MU-09031 (Area 31) is not used for land treatment of recycled water, the monitoring well listed is exempt from monitoring requirements. If this HMU is used, the monitoring well listed shall no longer be exempt and shall be subject to monitoring requirements specified above in section 5.2.2.
Swede Creek area	GW-09046 GW-09047	If MU-09032 and MU-09033 (Areas 32 and 33) are not used for land treatment of recycled water, the monitoring wells listed are exempt from monitoring requirements. If one or more of these HMUs is used, monitoring wells listed shall no longer be exempt and shall be subject to monitoring requirements specified above in section 5.2.2.
Swede Creek area	GW-09037 GW-09042 GW-009043 GW-009044 GW-009045	If MU-09034, MU-09035, MU-09036, MU-09037, MU-09038, MU-09039, and MU-09040 (Areas 34, 35, 36, 37, 38, 39, and 40) are not used for land treatment of recycled water, the monitoring wells listed are exempt from monitoring requirements. If one or more of these HMUs is used, monitoring wells listed shall no longer be exempt and shall be subject to monitoring requirements specified above in section 5.2.2.
Summit Lodge area	GW-09048 GW-09049 GW-09050 GW-09051 GW-09052	If MU-09043 and MU-09044 (Areas 43 and 44) are not used for land treatment of recycled water, the monitoring wells listed are exempt from monitoring requirements. If one or more of these HMUs is used, monitoring wells listed shall no longer be exempt and shall be subject to monitoring requirements specified above in section 5.2.2.

5.3 Reserved

5.4 Forest Harvest Monitoring

Hydraulic Management Units	Sample Type	Sample Frequency	Parameters[a]
All permitted HMUs listed in section 4.1	Timber harvesting, each HMU	Each harvest	- Harvest date - Yield in million board feet or other appropriate measurement

a. Documentation of reported yields shall be provided for each harvest from each HMU.

5.5 Lagoon Information

Serial number	Description	Surface Area (acres)	Maximum Operating Volume (MG)	Liner Type
LG-09001	Lagoon #1 (at Schweitzer Creek area)	0.46	0.85	20 mil polyvinyl chloride (PVC)
LG-09002	Lagoon #2 (at Schweitzer Creek area)	2.84	11.0	60 mil high-density polyethylene (HDPE)

6. Reporting Requirements

6.1 Annual Report Requirements

The permittee shall submit to DEQ an annual report prepared by a competent environmental professional covering the previous reporting year.

6.1.1 Due Date

The annual report is due no later than January 31 of each year, which shall cover the previous reporting year.

6.1.2 Required Contents

The annual report shall include the following:

1. A brief interpretive discussion of all required monitoring data. The discussion shall address data quality objectives, validation, and verification; permit compliance; and reuse facility environmental impacts. The reporting year for this permit is specified in section 4.5.
2. Results of the required monitoring as described in section 5 of this permit. If the permittee monitors any parameter for compliance purposes 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. The report shall present all monitoring data in organized data summary tables to expedite review.
3. Status of all work described in section 3 of this permit.
4. Results of all backflow testing, repairs, and replacements required by section 9.1.1 of this permit.
5. Discussion of major maintenance activities such as major equipment replacement, lagoon liner maintenance, and wastewater treatment and reuse facility maintenance.
6. A summary of all noncompliance events that occurred during the reporting year. Examples of noncompliance events that must be discussed include, but are not limited to, complaints, missed monitoring events, incorrect monitoring dates or frequencies, dry monitoring wells, uncontained spills causing runoff, construction without DEQ engineering plan approval, construction without engineering inspection, and reporting incorrect acreage.
7. Submittal of the calculations and observations for HMUs specified in the table below.
8. All laboratory analytical reports, chain-of-custody forms, and crop yield documentation.
9. The parameters in the following table:

Monitoring Point Serial Number	Parameter (Calculate for each MU)	Units
All HMUs listed in section 4.1	Recycled water loading rate	Million gallons/month Inches/month
	Recycled water nitrogen-loading rate	Pounds/acre-year
	Waste solids nitrogen- and phosphorus-loading rates	Pounds/acre-year
	Forest harvest and yield Report each harvest and the annual totals for each MU.	Forest species types harvested Total harvested area (acres) Total yield
Other reporting requirements (items 1-5 are described in section 3): 1. Equivalent Residential Unit (ERU) Report 2. Inflow and Infiltration Report 3. HMU Nitrogen-Loading Changes Report 4. Silvicultural Activities Report 5. Access, Barrier, and Signage Plan Report		

6.1.3 Submittals

All applications, annual reports, or information submitted to DEQ as required by this permit shall be signed and certified as follows:

1. Permit applications shall be signed as follows:
   a. For a corporation: by a responsible corporate officer
   b. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively
   c. For a municipality, state, federal, Indian tribe, or other public agency: by either the principal executive officer or ranking elected official
2. Annual reports and other information requested by DEQ shall be signed by the responsible official or by a duly authorized representative of that person. A person is a duly authorized representative only if the following applies:
   a. The authorization is made in writing by the responsible official.
   b. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual having overall responsibility for environmental matters for the company.
   c. The written authorization is submitted to DEQ.

Submit the annual report to the following DEQ regional office at this address:

John Tindall, Engineering Manager
Idaho Department of Environmental Quality
Coeur d'Alene Regional Office
2110 Ironwood Parkway
Coeur d'Alene, ID 83814

The annual report shall include the following certification statement and be signed, dated, and certified by the permittee's Responsible Official or Authorized Representative:

> "*I certify that the information provided in this submittal was prepared in conformance with the Quality Assurance Project Plan required by permit LA-000090-04, and is to the best of my knowledge, true, accurate and complete and I acknowledge that knowing submission of false or incomplete information may result in permit revocation as provided for in IDAPA 58.01.17.920.01 or other enforcement action as provided for under Idaho law."*

6.2 Emergency and Noncompliance Reporting

Report noncompliance incidents to the DEQ Coeur d'Alene Regional Office at (208) 769-1422. In case of emergencies, call the emergency 24-hour number at 1-800-632-8000 and the DEQ Coeur d'Alene Regional Office.

See Section 8, "Standard Permit Conditions," and IDAPA 58.01.17.500.06 for reporting requirements for facilities.

All instances of unauthorized discharges of wastewater to surface waters of the State of Idaho shall be reported to DEQ's regional office and US Environmental Protection Agency (EPA) by telephone within 24 hours from the time the permittee becomes aware of the discharge at the phone numbers provided in this section.

A written follow-up shall be provided to the DEQ regional office within 5 days from the time the permittee became aware of the discharge.

Reporting of unauthorized discharges of wastewater to surface waters of the United States to EPA may also be required. Contact information for EPA is provided below:

EPA Contact Information:
NPDES/Stormwater Coordinator, USEPA Idaho Operations Office
950 W. Bannock, Suite 900
Boise, ID 83702
(208) 378-5746 / (208) 378-5744 and EPA Hot Line (206) 553-1846

7. Reserved

8. Standard Permit Conditions

The following standard permit conditions are included as terms of this permit as required by the "Recycled Water Rules" (IDAPA 58.01.17.500).

500. STANDARD PERMIT CONDITIONS.
The following conditions shall apply to and be included in all permits. (4-1-88)

01. Compliance Required. The permittee shall comply with all conditions of the permit. (4-1-88)

02. Renewal Responsibilities. 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 in accordance with these rules. (4-1-88)

03. Operation of Facilities. The permittee shall at all times properly maintain and operate all structures, systems, and equipment for treatment, control and monitoring, which are installed or used by the permittee to achieve compliance with the permit or these rules. (4-1-88)

04. Provide Information. The permittee shall furnish to the Director within a 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 rules. (4-1-88)

05. Entry and Access. The permittee shall allow the Director, consistent with Title 39, Chapter 1, Idaho Code, to: (4-1-88)

a. Enter the permitted facility. (4-1-88)

b. Inspect any records that must be kept under the conditions of the permit. (4-1-88)

c. Inspect any facility, equipment, practice, or operation permitted or required by the permit. (4-1-88)

d. Sample or monitor for the purpose of assuring permit compliance, any substance or any parameter at the facility. (4-1-88)

06. Reporting. The permittee shall report to the Director under the circumstances and in the manner specified in this section: (4-1-88)

a. In writing at least 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. When the alteration or addition results in a need for a major modification, such alteration or addition shall not be made prior to Department approval issued in accordance with these rules. (4-7-11)

b. In writing thirty (30) days before any anticipated change which would result in noncompliance with any permit condition or these rules. (4-1-88)

c. Orally within twenty-four (24) hours from the time the permittee became aware of any noncompliance which may endanger the public health or the environment at telephone numbers provided in the permit by the Director. (4-1-88)

d. In writing as soon as possible but within five (5) days of the date the permittee knows or should know of any noncompliance unless extended by the Department. This report shall contain: (4-1-88)

i. A description of the noncompliance and its cause; (4-1-88)

ii. The period of noncompliance including to the extent possible, times and dates and, if the noncompliance has not been corrected, the anticipated length of time it is expected to continue; and (4-7-11)

iii. Steps taken or planned, including timelines, to reduce or eliminate the continuance or reoccurrence of the noncompliance. (4-7-11)

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. (4-1-88)

07. Minimize Impacts. The permittee shall take all necessary actions to eliminate and correct any adverse impact on the public health or the environment resulting from permit noncompliance. (4-1-88)

08. Compliance with "Ground Water Quality Rule." Permits issued pursuant to these rules shall require compliance with IDAPA 58.01.11, "Ground Water Quality Rule." (4-7-11)

9. General Permit Conditions

The following general permit conditions are based on the cited rules at the time of issuance and are enforceable as part of this permit. Note that the rules cited in this section, and elsewhere in this permit, are supplemented by the rules themselves. Rules applicable to your facility are enforceable whether or not they appear in this permit.

9.1 Operations

9.1.1 Backflow Prevention

Reuse facilities with existing or planned cross-connections or interconnections between the recycled water system and any water supply (potable or nonpotable) or surface water, shall have backflow prevention assemblies, devices, or methods as required by applicable rule or as specified in this permit and approved by DEQ.

For public water systems, backflow assemblies shall meet the requirements of IDAPA 58.01.08.543. Assemblies shall be adequately maintained and shall be tested annually by a certified backflow assembly tester, and repaired or replaced as necessary to maintain operational status.

For domestic water supply wells, backflow prevention devices shall meet the requirements of IDAPA 07.02.04 and shall be adequately operated and maintained.

Irrigation water supply wells shall meet the requirements of IDAPA 37.03.09.36 for preventing any waste or contamination of the ground water resource. Backflow prevention assemblies or devices used to protect the ground water shall be adequately operated and maintained.

Discharge of recycled water to surface water is regulated by the EPA's National Pollutant Discharge Elimination System (NPDES) program. An NPDES permit is required for any discharge to surface water and backflow prevention shall be implemented to prevent any unauthorized discharge. Backflow prevention assemblies or devices used to protect surface water shall be adequately operated and maintained.

Records of all testable backflow assembly test results, repairs, and replacements shall be kept at the reuse facility along with other operational records, and shall be discussed in the annual report and made available for inspection by DEQ. Other approved means of backflow prevention, such as siphons and air-gap structures that cannot be tested, shall be maintained in operable order.

9.1.2 Restricted to Premises

Wastewaters 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 EPA (IDAPA 58.01.16.600.02).

9.1.3 Health Hazards, Nuisances, and Odors Prohibited

Health hazards, nuisances, and odors are prohibited as follows:

- Wastewater must not create a public health hazard or nuisance condition (IDAPA 58.01.16.600.03).
- No person shall allow, suffer, cause or permit the emission of odorous gases, liquids, or solids into the atmosphere in such quantities as to cause air pollution (IDAPA 58.01.01.776.01).
- Air Pollution. The presence in the outdoor atmosphere of any air pollutant or combination thereof in such quantity of such nature and duration and under such conditions as would be injurious to human health or welfare, to animal or plant life, or to property, or to interfere unreasonably with the enjoyment of life or property (IDAPA 58.01.01.006.06).

9.1.4 Solids Management

Biosolids are the nutrient-rich organic materials resulting from the treatment of sewage sludge. When treated and processed, sewage sludge becomes biosolids that can be safely recycled and applied as fertilizer to sustainably improve and maintain productive soils and stimulate plant growth.

Biosolids generated from sewage sludge are regulated by EPA under 40 CFR 503 and require a DEQ-approved sludge disposal plan as outlined in IDAPA 58.01.16.650. Contact DEQ before applying biosolids at any permitted reuse facility.

Sludge is the semiliquid mass produced and removed by wastewater treatment processes. This does not include grit, garbage, and large solids.

Sludge may be generated by wastewater treatment processes at municipal and industrial facilities. A DEQ-approved sludge disposal plan, as outlined in IDAPA 58.01.16.650, may be required.

Solid waste is any garbage or refuse, sludge from a wastewater treatment plant, water supply treatment plant, or air pollution control facility. Solid waste also includes other discarded materials, such as solid, liquid, semisolid, or contained gaseous materials resulting from industrial, commercial, mining, and agricultural operations and from community activities. It does not include solid or dissolved materials in domestic sewage, or solid or dissolved material in irrigation return flows or industrial discharges, which are point sources subject to permits under Section 402 of the Federal Water Pollution Control Act, as amended, or source, special nuclear, or by-product material as defined by the Atomic Energy Act of 1954, as amended.

Solid waste does not include inert wastes, manures and crop residues ultimately returned to the soils at agronomic rates, and any agricultural solid waste that is managed and regulated pursuant to rules adopted by the Idaho Department of Agriculture. DEQ reserves the right to use existing authorities to regulate agricultural waste that impacts human health or the environment.

Solid waste is regulated under the "Solid Waste Management Rules" (IDAPA 58.01.06). Wastes otherwise regulated by DEQ (i.e., this permit) are not regulated under IDAPA 58.01.06.

Waste solids include sludge and wastes otherwise regulated by DEQ according to IDAPA 58.01.06.001.03.a.xii. Waste solids may include vegetative waste, silt and mud containing organic matter, and other noninert solid wastes.

Inert wastes are defined as noncombustible, nonhazardous, and nonputrescible solid wastes that are likely to retain their physical and chemical structure and have a de minimis potential to generate leachate under expected conditions of disposal, which includes resistance to biological attack.

Waste solids require a DEQ-approved sludge disposal plan as outlined in IDAPA 58.01.16.650.

9.1.5 Temporary Cessation of Operations and Closure (IDAPA 58.01.17.801)

Temporary cessation of operations and closure must be addressed as follows:

01. Temporary Cessation. A permittee shall implement any applicable conditions specified in the permit for temporary cessation of operations. When the permit does not specify applicable temporary cessation conditions, the permittee shall notify the Director prior to a temporary cessation of operations at the facility greater than sixty (60) days in duration and any cessation not for regular maintenance or repair. Cessation of operations necessary for regular maintenance or repair of a duration of sixty (60) days or less are not required to notify the Department under this section. All notifications required under this section shall include a proposed temporary cessation plan that will ensure the cessation of operations will not pose a threat to human health or the environment. (4-7-11)

02. Closure. 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. (4-7-11)

9.1.6 Plan of Operation (IDAPA 58.01.17.300.05)

The PO must comply with the following:

05. Reuse Facility Operation and Maintenance Manual or Plan of Operations. A facility's operation and maintenance manual must contain all system components relating to the reuse facility in order to comply with IDAPA 58.01.16 "Wastewater Rules," Section 425. Manuals and manual amendments are subject to the review and approval provision therein. In addition to the content required by IDAPA 58.01.16.425, manuals for reuse facilities shall include, if applicable: operation and management responsibility, permits and standards, general plant description, operation and control of unit operations, land application site maps, wastewater characterization, cropping plan, hydraulic loading rate, constituent loading rates, compliance activities, seepage rate testing, site management plans, monitoring, site operations and maintenance, solids handling and processing, laboratory testing, general maintenance, records and reports, store room and inventory, personnel, an emergency operating plan, and any other information required by the Department. (4-7-11)

9.1.7 Seepage Testing Requirements (IDAPA 58.01.16.493.02.c)

Subsequent Tests. All lagoons covered under these rules must be seepage tested by an Idaho licensed professional engineer, an Idaho licensed professional geologist, or by individuals under their supervision every ten (10) years after the initial testing. (5-8-09)

9.1.8 Ground Water Quality Rule (IDAPA 58.01.11)

The permittee shall comply with the requirements of the "Ground Water Quality Rule" (IDAPA 58.01.11).

9.2 Administrative

Requirements for administration of the permit are defined as follows.

9.2.1 Permit Modification (IDAPA 58.01.17.700)

01. Modification of Permits. A permit modification may be initiated by the receipt of a request for modification from the permittee, or may be initiated by the Department if one (1) or more of the following causes for modification exist: (4-7-11)

a. Alterations. There are material and substantial alterations or additions to the permitted facility or activity which occurred after permit issuance which justify the application of permit conditions that are different or absent in the existing permit. (4-7-11)

b. New standards or regulations. The standards or regulations on which the permit was based have been changed by promulgation of amended standards or regulations or by judicial decision after the permit was issued. (4-7-11)

c. Compliance schedules. The Department determines good cause exists for modification of a compliance schedule or terms and conditions of a permit. (4-7-11)

d. Non-limited pollutants. When the level of discharge of any pollutant which is not limited in the permit exceeds the level which may cause an adverse impact to surface or ground waters. (4-7-11)

e. To correct technical mistakes, such as errors in calculation, or mistaken interpretations of law made in determining permit conditions. (4-7-11)

f. When a treatment technology proposed, installed, and properly operated and maintained by the permittee fails to achieve the requirements of the permit. (4-7-11)

9.2.2 Permit Transferable (IDAPA 58.01.17.800)

01. General. A permit may be transferred only upon approval of the Department. No transfer is required for a corporate name change as long as the secretary of state can verify that a change in name alone has occurred. An attempted transfer is not effective for any purpose until approved in writing by the Department. (4-7-11)

9.2.3 Permit Revocation (IDAPA 58.01.17.920)

01. Conditions for Revocation. The Director may revoke a permit if the permittee violates any permit condition or these rules, or the Director becomes aware of any omission or misrepresentation of condition or information relied upon when issuing the permit. (4-7-11)

02. Notice of Revocation. 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. The hearing shall be conducted in accordance with IDAPA 58.01.23, Rules of Administrative Procedure before the Board of Environmental Quality." (5-3-03)

03. Emergency Action. If 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, the Director shall provide the permittee a revocation hearing and prior notice thereof. Such hearings shall be conducted in accordance with IDAPA 58.01.23, Rules of Administrative Procedure Before the Board of Environmental Quality." (3-15-02)

04. Revocation and Closure. A permittee shall perform the closure requirements in a permit, the closure requirements of these rules, and complete all closure plan activities notwithstanding the revocation of the permit. (4-7-11)

9.2.4 Violations (IDAPA 58.01.17.930)

Any person violating any provision of these rules or any permit or order issued thereunder shall be liable for a civil penalty not to exceed ten thousand dollars ($10,000) or one thousand dollars ($1,000) for each day of a continuing violation, whichever is greater. In addition, pursuant to Title 39, Chapter 1, Idaho Code, any willful or negligent violation may constitute a misdemeanor. (4-1-88)

9.2.5 Severability

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. Other Applicable Laws

DEQ may refer enforcement of the following provisions to the state agency authorized to enforce that rule. The permittee shall comply with all applicable provisions identified in this section, as well as all other applicable federal, state, and local laws, statutes, and rules.

10.1 Owner Responsibilities for Well Use and Maintenance

10.1.1 Well Use

The well owner must not operate any well in a manner that causes waste or contamination of the ground water resource. Failure to operate, maintain, knowingly allow the construction of any well in a manner that violates these rules, or failure to repair or properly decommission (abandon) any well as herein required will subject the well owner to civil penalties as provided by statute. See IDAPA 37.03.09.036.01 and consult the Idaho Department of Water Resources (IDWR) for more information.

10.1.2 Well Maintenance

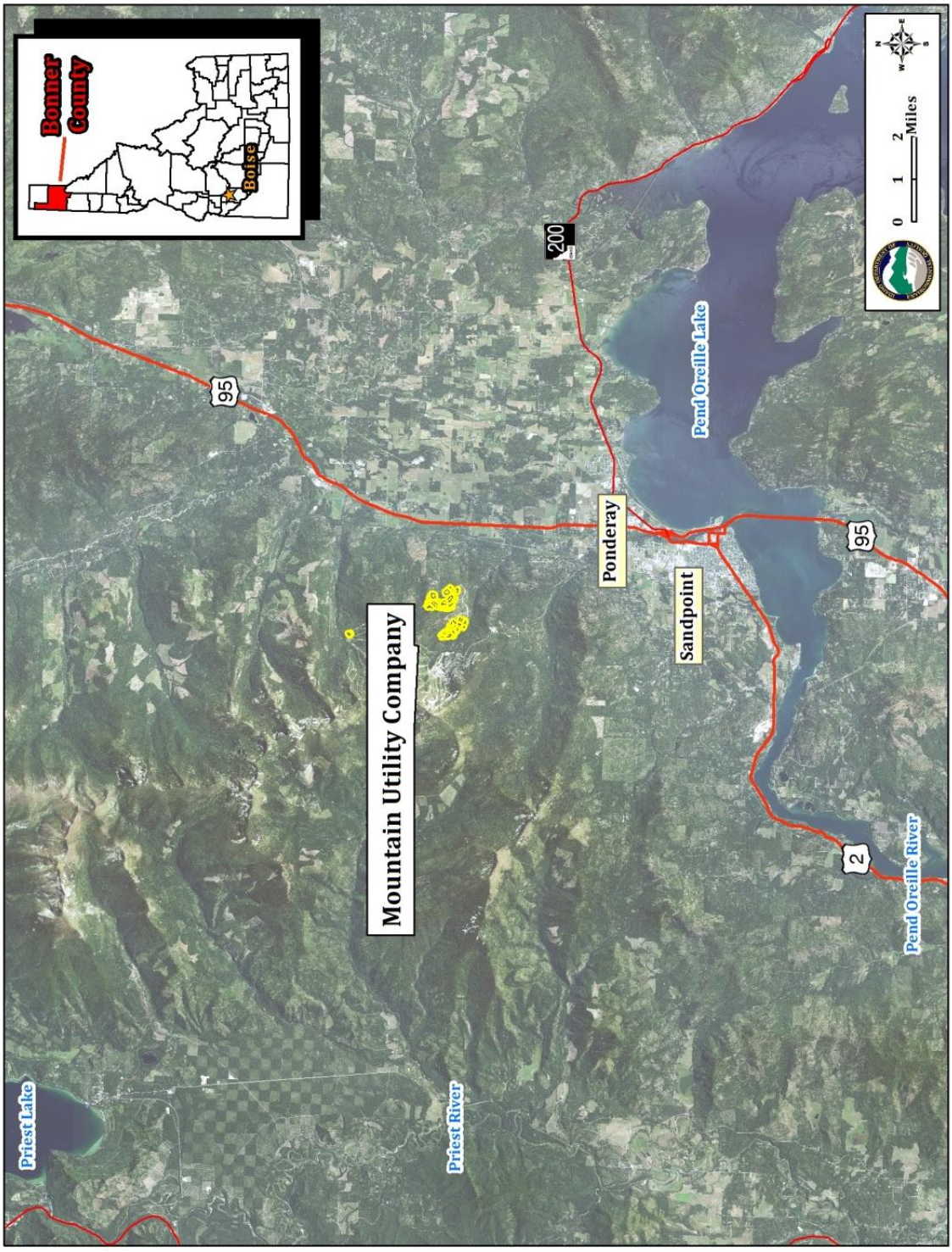
The well owner must maintain the well to prevent waste or contamination of ground waters through leaky casings, pipes, fittings, valves, pumps, seals, or through leakage around the outside of the casings, whether the leakage is above or below the land surface. Any person owning or controlling a noncompliant well must have the well repaired by a licensed well driller under a permit issued by the IDWR director in accordance with the applicable rules. See IDAPA 37.03.09.036.02 and consult IDWR for more information.

10.1.3 Wells Posing a Threat to Human Health and Safety or Causing Contamination of the Ground Water Resource

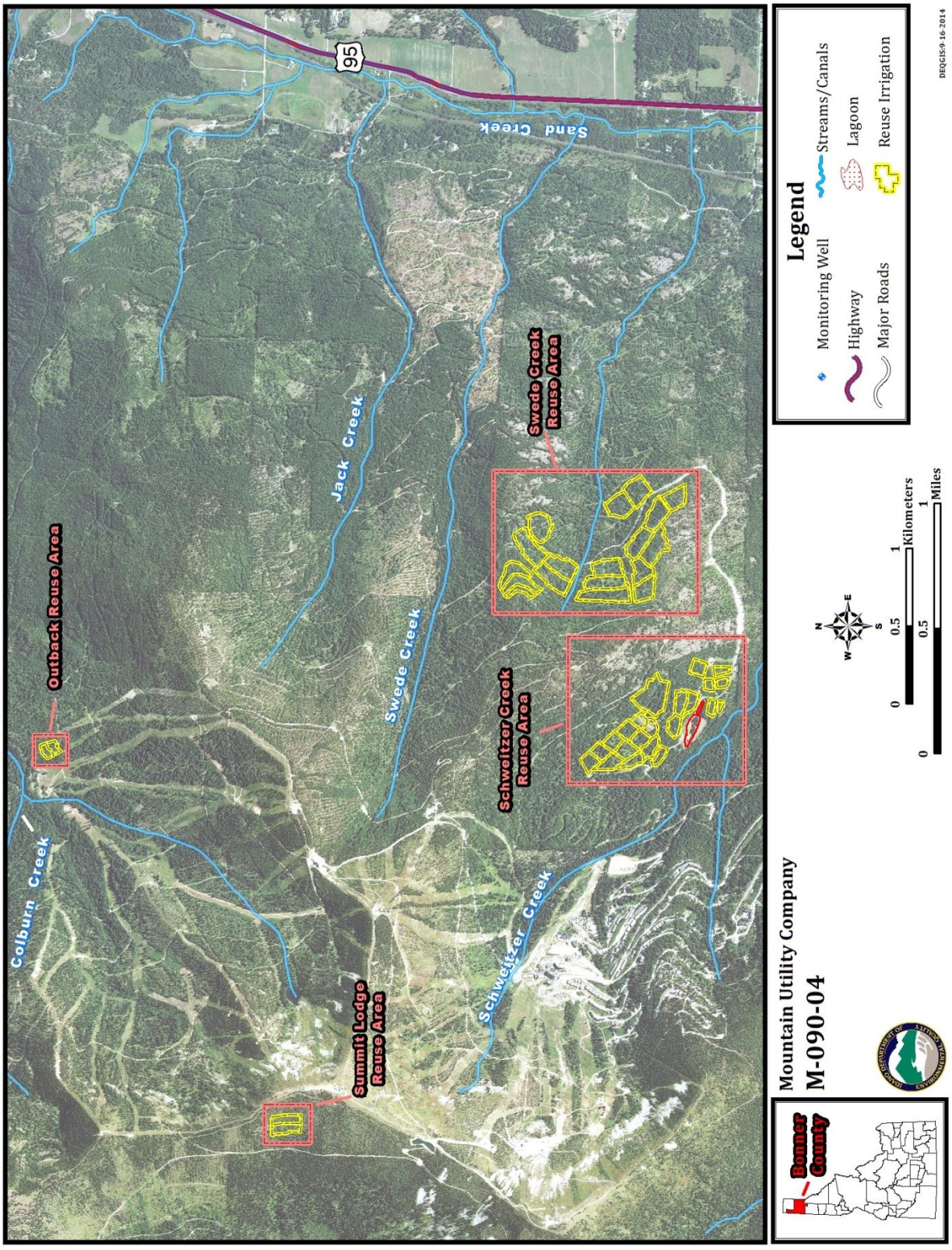
The well owner must have any well shown to pose a threat to human health and safety or cause contamination of the ground water resource immediately repaired or decommissioned (abandoned) by a licensed well driller under a permit issued by the IDWR director in accordance with the applicable rules. See IDAPA 37.03.09.036.06 and consult the IDWR for more information.

11. Site Maps

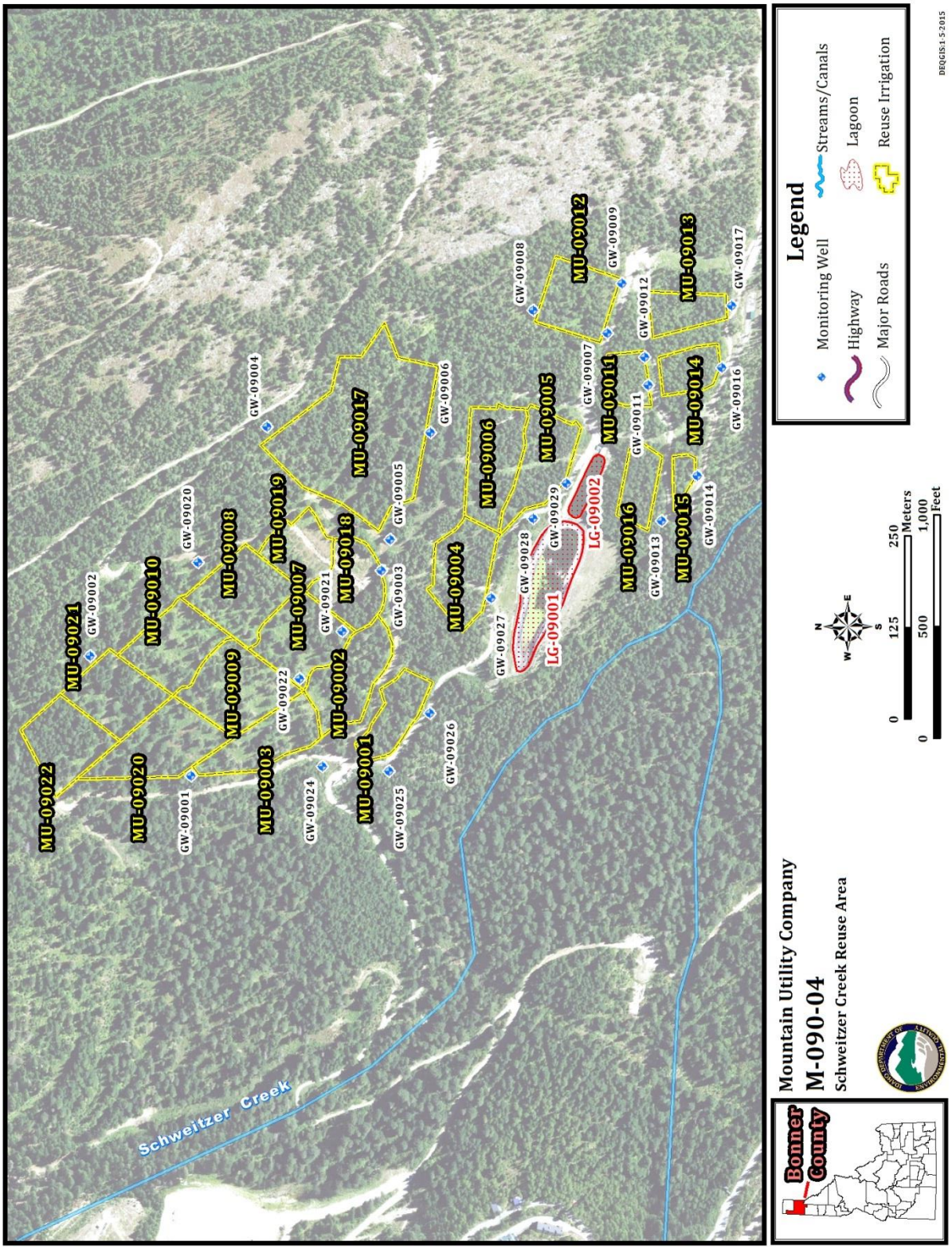
11.1 Regional Map



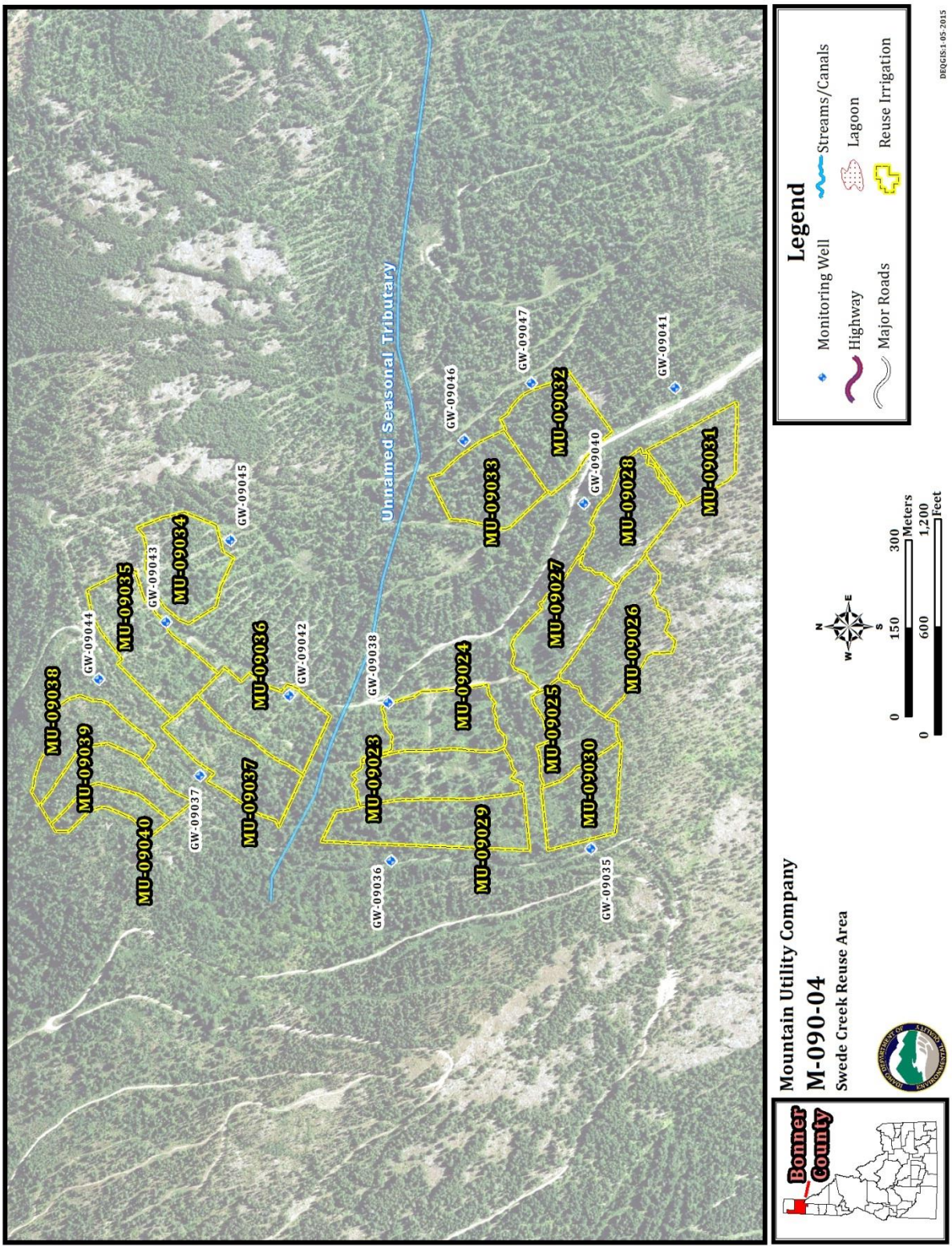
11.2 Mountain Utility Company Reuse Areas



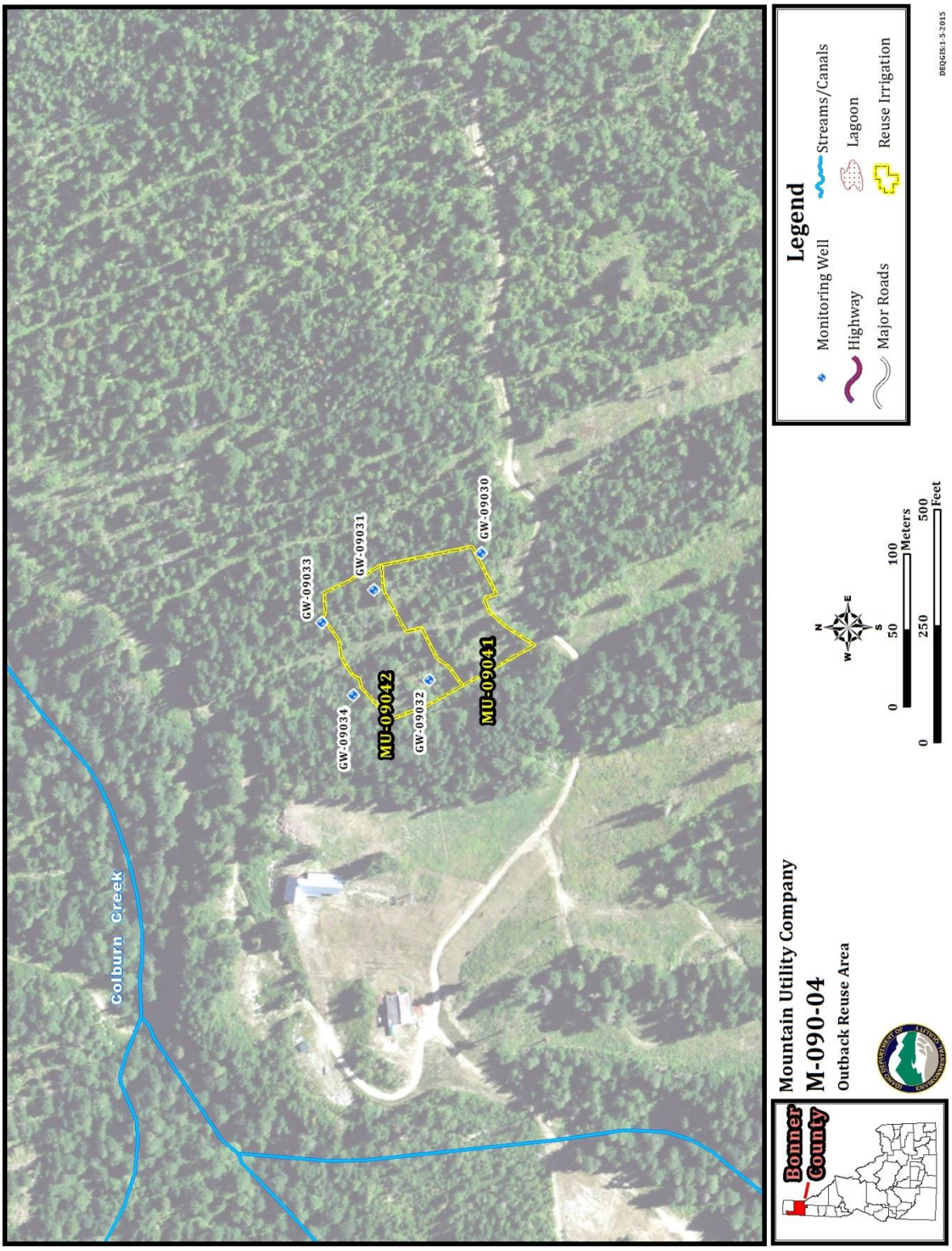
11.3 Schweitzer Creek Reuse Area and Lagoons



11.4 Swede Creek Reuse Area



11.5 Outback Reuse Area



11.6 Summit Lodge Reuse Area