

A. Permit Certificate

**MUNICIPAL
WASTEWATER REUSE PERMIT
LA-000176-02**

**Idaho Department of Corrections -
Idaho Correctional Center**

Idaho Department of Correction – Idaho Correctional Center,

LOCATED AT 14601 **South Pleasant Valley Road, Kuna, ID 83634**

AND IN **Township 2N, Range 2E, Section 31** IS HEREBY

AUTHORIZED TO CONSTRUCT, INSTALL, AND OPERATE A

WASTEWATER REUSE SYSTEM IN ACCORDANCE WITH THE

RECYCLED WATER RULES (IDAPA 58.01.17) AND THE

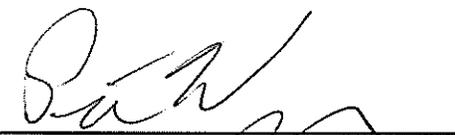
WASTEWATER RULES (IDAPA 58.01.16), THE GROUND WATER

QUALITY RULE (IDAPA 58.01.11), AND ACCOMPANYING PERMIT,

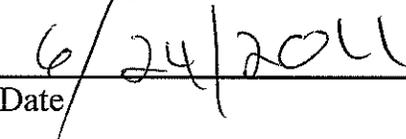
APPENDICES, AND REFERENCE DOCUMENTS. THIS PERMIT IS

EFFECTIVE FROM THE DATE OF SIGNATURE AND EXPIRES ON

June 24, 2016.



Pete Wagner
Boise Regional Office Administrator
Idaho Department of Environmental Quality



Date

**DEPARTMENT OF ENVIRONMENTAL QUALITY
Boise Regional Office
1445 N. Orchard
Boise, ID 83706-2239
(208) 373-0550**

POSTING ON SITE RECOMMENDED

B. Permit Contents, Appendices, and Reference Documents

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Appendices

1. Environmental Monitoring Serial Numbers
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References:

1. Plan of Operation (Operation and Maintenance Manual) – See CA-176-01

The Sections, Appendices, and Reference Documents listed on this page are all elements of Wastewater Reuse Permit LA-000176-02 and are enforceable as such. This permit does not relieve Idaho Department of Corrections, hereafter referred to as the permittee, from responsibility for compliance with other applicable federal, state or local laws, rules, standards or ordinances.

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C. Abbreviations, Definitions

Ac-in	Acre-inch. The volume of water or wastewater to cover 1 acre of land to a depth of 1 inch. Equal to 27,154 gallons.
BMP or BMPs	Best Management Practices
COD	Chemical Oxygen Demand
DEQ or the Department	Idaho Department of Environmental Quality
Director	Director of the Idaho Department of Environmental Quality, or the Directors Designee, i.e. Regional Administrator
ET	Evapotranspiration – Loss of water from the soil and vegetation by evaporation and by plant uptake (transpiration)
GWQR	IDAPA 58.01.11 “Ground Water Quality Rule”
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.
HLR _{max}	Maximum Permitted 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 HLR _{max} limit is specified in Section F. Permit Limits and Conditions.
HMU	Hydraulic Management Unit (Serial Number designation is MU)
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)
O&M manual	Operation and Maintenance Manual, also referred to as the Plan of Operation
Reuse	The use of reclaimed wastewater for beneficial uses including, but not limited to, land treatment, irrigation, aquifer recharge, use in surface water features, toilet flushing in commercial buildings, dust control, and other uses.
SMU	Soil Monitoring Unit (Serial Number designation is SU)
SW	Surface Water
TDS	Total Dissolved Solids or Total Filterable Residue
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	Idaho Department of Corrections - Idaho Correctional Center
Type of Wastewater	Class D Municipal Wastewater
Method of Treatment	Aerated Lagoons, Polishing Lagoon, Storage Lagoon, Chlorine Disinfection, Slow Rate Land Application
Facility Location	14601 S. Pleasant Valley Road Kuna, ID 83634
Legal Location	Township 2N, Range 2E, Section 31
County	Ada
USGS Quad	Owyhee
Soils on Site	Colthorp: 0-4" Silt Loam 4-8" Loam, Silty Clay Loam, Silt Loam 8-19" Silt Loam 19-28" Cemented Material 28-38" Unweathered Bedrock
Depth to Ground Water	50' to 80' to First Ground Water; 150-320' to Regional Aquifer
Beneficial Uses of Ground Water	Agriculture, domestic
Nearest Surface Water	Ten Mile Creek.; Approximately 0.75 Miles North of Site
Beneficial Uses of Surface Water	Agriculture, Modified Aquatic Life and Secondary Contact Recreation
Responsible Official	Charles Kincaid, Administrative Support Manager
Mailing Address	Idaho Department of Corrections 1299 N. Orchard St. Suite 110 Boise, ID 83706
Phone/Fax	(208) 658-2036 / (208) 327-7455

E. Compliance Schedule for Required Activities

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

Compliance Activity Number Completion Date	Compliance Activity Description
CA-176-01 Updated Plan of Operation, due 90 days after permit issuance	<p>A Plan of Operation (Operation and Maintenance Manual or O&M Manual) for the wastewater reuse facilities, incorporating the requirements of this permit, shall be submitted to DEQ for review and approval. The O&M manual shall be designed for use as an operator guide for actual day-to-day operations to meet permit requirements and shall include daily sampling and monitoring requirements to insure proper operation of the wastewater treatment facility. The Plan of Operation shall generally address or contain the information required by the latest revision of the Plan of Operation Checklist in the Reuse Program Guidance.</p> <p>The plan shall include a Quality Assurance Plan (QAP) for the monitoring required in this permit. The plan shall cover field monitoring, sample collection, laboratory analytical methods, data verification and validation, data storage, retrieval and assessment, and monitoring program evaluation and improvement.</p> <p>Upon approval, the manual shall be incorporated by reference into this permit and shall be enforceable as a part of this permit.</p>
CA-176-02 Demonstration of Compliance with the Seepage Testing Requirements due by June 15, 2012	<p>All municipal wastewater treatment and storage lagoons are required to be seepage tested by April 15, 2012. At a minimum, demonstration of compliance with the Seepage Testing Requirements of IDAPA 58.01.16.493, <i>Wastewater Rules</i> shall be submitted to DEQ for review and approval within 60 days of this date.</p> <p>The seepage performance standard must meet the Operating Standard as required in IDAPA 58.01.16.493.03b, <i>Wastewater Rules</i>. If a properly tested lagoon leaks at a rate higher than the Operating Standard, then the permittee must meet the requirements for Lagoons Leaking Above the Allowable Amount as found in IDAPA 58.01.16.493.04, <i>Wastewater Rules</i>.</p> <p>Subsequent seepage testing is required on all municipal lagoons on a minimum of a 10 year cycle. Additionally, for all wastewater treatment and storage lagoons, modifications, repair, or other situations that could change the permeability of the liner, such as dredging, will require seepage testing prior to returning the lagoon to service.</p>
CA-176-03 Application for Permit Renewal, due 6 months before expiration of this permit	Submit an application for permit renewal to DEQ.

F. Permit Limits

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	Permit Limits and Conditions										
Type of Wastewater	Class D Municipal Wastewater										
Reporting Year for Annual Loading Rates	January 1 through December 31										
Application Site Area	200 Acres (subdivided into four management units)										
Application Season	March 1 through October 31 (Growing season only)										
Wastewater Treatment and Reuse System Operation Requirements	The wastewater treatment facility and reuse systems shall be operated under the direct supervision of a Responsible Charge Operator, and shall have a designated Substitute Responsible Charge Operator, both certified and licensed in the State of Idaho wastewater operator training program at or above the operator class level specified in IDAPA 58.01.16.203 of the Wastewater Rules, and properly trained to operate and maintain the system. Operation of the wastewater treatment system shall be monitored on a 24-hour basis for alarm conditions, including notification of the qualified operating personnel under alarm conditions.										
Wastewater Treatment Effluent discharged to land application, Total Coliform Limit, CFU/100 mL	The median number of total coliform organisms shall not exceed 230 per 100 milliliters, as determined from the results of the last three (3) days for which analyses have been completed, and shall not exceed 2300 per 100 milliliters in any confirmed sample.										
Maximum Hydraulic Loading Rate Limit, per Growing Season, each HMU	<p>Growing Season (GS) Hydraulic Loading Rate shall be substantially equal to the Irrigation Water Requirement (IWR) using data from the tables of the following University Of Idaho web site http://www.kimberly.uidaho.edu/ETIdaho/. The IWR is equal to the Precipitation Deficit data from these tables divided by the irrigation system efficiency.</p> <p>Table 1. HLR_{max} for alfalfa based upon crop IWR for each HMU (70% Irrigation Efficiency)</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th style="text-align: center;">HLR_{max} (MG)</th> </tr> </thead> <tbody> <tr> <td>HMU-017601</td> <td style="text-align: center;">47.18</td> </tr> <tr> <td>HMU-017602</td> <td style="text-align: center;">47.18</td> </tr> <tr> <td>HMU-017603</td> <td style="text-align: center;">58.98</td> </tr> <tr> <td>HMU-017604</td> <td style="text-align: center;">141.6</td> </tr> </tbody> </table> <p>The hydraulic limit includes treated wastewater <u>and</u> any supplemental irrigation water applied onsite.</p> <p>All wastewater and supplemental irrigation water shall be distributed evenly across any utilized HMU.</p>		HLR _{max} (MG)	HMU-017601	47.18	HMU-017602	47.18	HMU-017603	58.98	HMU-017604	141.6
	HLR _{max} (MG)										
HMU-017601	47.18										
HMU-017602	47.18										
HMU-017603	58.98										
HMU-017604	141.6										
Runoff Restrictions	No ponding on or runoff from the land application site is allowed. Best Management Practices (BMPs) shall be used around all areas where runoff may occur.										

F. Permit Limits

Category	Permit Limits and Conditions
Maximum Nitrogen Loading Rate Limit, pounds/acre-year, each HMU	150% of typical crop uptake (refer to definition in Section C of this permit) NOTE: includes all nitrogen sources including waste solids and supplemental fertilizers
Buffer Zone Requirements	The following minimum distances shall be provided between the buffer objects listed below and each HMU: <ul style="list-style-type: none"> • Public Access Areas: 300 feet • Permanent or intermittent surface water: 100 feet • Inhabited Dwellings: 500 feet • Irrigation Water Wells: 500 feet • Private/Domestic Water Wells: 500 feet • Municipal Water Wells: 1,000 feet or site specific (requires DEQ plan and specifications review prior to construction)
Fencing and Posting	Signs shall be posted every 500 feet designating the fields as wastewater reuse areas or equivalent. A three-wire pasture fence shall enclose the treatment facilities and land application site acreage.
Ground Water Quality Requirement	Wastewater reuse activities conducted by permittee shall not cause a violation of the <i>Idaho Ground Water Quality Rule</i> , IDAPA 58.01.11.
Allowable crops	Crops grown for direct human consumption (those crops that are not processed prior to consumption) are not allowed.
Grazing	No grazing is allowed.
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.
Sludge Application	A Sludge (Biosolids) Disposal Plan must be submitted to and approved by DEQ prior to any land application of waste solids from the lagoons to meet the requirements of the <i>Wastewater Rules</i> , IDAPA 58.01.16.650. Additionally biosolids must be used in ways that meet all regulations, including federal and state laws and local ordinances.
Construction Plans	Prior to construction or modification of all wastewater facilities associated with the reuse system or expansion, detailed plans and specifications shall be reviewed and approved by DEQ. Within 30 days of completion of construction, the permittee shall submit as-built plans to DEQ or submit a certification letter stating that all construction was done in substantial compliance with DEQ approved plans and specifications.
Supplemental Water Protection	For systems with wastewater and fresh water interconnections, DEQ approved backflow prevention devices are required.

G. Monitoring Requirements

1. Appropriate analytical methods, as given in the *Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater*, or as approved by DEQ, shall be employed. A description of approved sample collection methods, appropriate analytical methods and companion QAP shall be included in the Operation and Maintenance Manual, as required by Compliance Activity No. CA-176-02 in Section E of this permit.
2. The permittee shall monitor and measure parameters as stated in the Facility Monitoring Table in this section. Monitoring is required at the frequency shown in the tables below if wastewater is applied anytime during the time period shown.
3. Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored. 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.
4. Monitoring locations are described in Appendix 1. Environmental Monitoring Serial Numbers.
5. Ten (10) soil sample locations shall be selected for each management unit. Two (2) soil samples shall be collected at each sample location, one at 0-12 inches and one at 12-24 inches. The soil samples collected at 0-12 inches from each sample location shall be composited. Similarly, all soil samples collected at 12-24 inches shall be composited. This method will yield two samples for analysis, one for 0-12 inches and one for 12-24 inches for each soil management unit.
6. Annual reporting of monitoring requirements is described in Section H, Standard Reporting Requirements.

Facility Monitoring Table

Frequency	Monitoring Point	Description and Type of Monitoring	Parameters
Daily (when land applying)	Discharge Point of wastewater to Land Application Site	Volume of wastewater land applied	Gallons/Month applied to each Hydraulic Management Unit
Monthly (when land applying)	Discharge Point of wastewater to Land Application Site	Grab sample	Total Kjeldahl nitrogen, nitrate+nitrite-nitrogen, TDS, pH, COD, total phosphorus
Daily (when land applying)	Flow Meter or Calibrated Pump Rate	Supplemental Irrigation Water	Gallons/Month applied to each Hydraulic Management Unit
Monthly	Discharge Point of wastewater to Land Application Site	Grab sample	Total coliform

G. Monitoring Requirements

Frequency	Monitoring Point	Description and Type of Monitoring	Parameters
Annually	Hydraulic management unit	Calculate Irrigation Water Requirement for crop grown onsite	Volume (gallons) for each month for growing season
Annually	Hydraulic management unit	Acres used for reuse	Acres
Annually	Hydraulic management unit	Calculate growing season wastewater and supplemental irrigation water loading rate	Volume (gallons) for each month for growing season
Annually	Hydraulic management unit	COD loading calculation	COD applied in lbs/acre-day, seasonal average
Annually	Hydraulic management unit	Calculate and report total nitrogen and phosphorus loading from wastewater and all other sources applied onsite	Nitrogen and phosphorus applied in lbs/acre-year
Annually	Hydraulic management unit	Crop Yield Calculation and Crop Type	Tons/acre, lbs/acre, or bushels/acre
Annually	Hydraulic management unit	Crop Nutrient Uptake from Crop Tissue Analysis or from standard tables for Crop Type and yield	Nitrogen and phosphorus uptake in lbs/acre-year
Annually in March	Soil monitoring unit	Composite soil sample	Electrical Conductivity, nitrate-N, ammonium-N, pH, plant available phosphorous, chloride
Once every two years	All flow measurement locations	Flow measurement calibration	Document the flow measurement calibration of all flow meters and pumps used directly or indirectly measure all wastewater, tail water, flushing water, and supplemental irrigation water flows applied to each HMU

G. Monitoring Requirements

Frequency	Monitoring Point	Description and Type of Monitoring	Parameters
First year of permit	All points where fresh water is directly connected to the wastewater distribution system	Backflow prevention device testing	Document the testing of all backflow prevention devices for all fresh water and wastewater distribution system interconnections. Report the testing date(s) and results of the test (pass or fail). If any test failed, report the date of repair or replacement of backflow prevention device, and if the repaired/replaced device is operating correctly.

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 at the following address:

Boise Regional Office
1445 N. Orchard
Boise, ID 83706-2239
(208) 373-0550
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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- d. In writing as soon as possible but within five (5) days of the date the permittee knows or should know of any non-compliance unless extended by the DEQ. This report shall contain:
 - i. A description of the non-compliance and its cause;
 - ii. The period of non-compliance including to the extent possible, times and dates and, if the non-compliance has not been corrected, the anticipated time it is expected to continue; and
 - iii. Steps taken or planned to reduce or eliminate reoccurrence of the non-compliance.
 - e. In writing as soon as possible after the permittee becomes aware of relevant facts not submitted or incorrect information submitted, in a permit application or any report to the Director. Those facts or the correct information shall be included as a part of this report.
9. The permittee shall take all necessary actions to prevent or eliminate any adverse impact on the public health or the environment resulting from permit noncompliance.
10. The permittee shall determine (on an on-going basis) if any noxious weed problems relate to the permitted sites. If problems are present, coordinate with the Idaho Department of Agriculture or the local County authority regarding their requirements for noxious weed control. Also address these control operations in an update to the Operations and Maintenance Manual.

J. Standard Permit Conditions: Modifications, Violations, and Revocations

1. The permittee shall furnish to the Director within reasonable time, any information including copies of records, which may be requested by the Director to determine whether cause exists for modifying, revoking, re-issuing, or terminating the permit, or to determine compliance with the permit or these regulations.
2. Both minor and major modifications may be made to this permit as stated in IDAPA 58.01.17.700.01 and 02 with respect to any conditions stated in this permit upon review and approval of the DEQ.
3. Whenever a facility expansion, production increase or process modification is anticipated which will result in a change in the character of pollutants to be discharged or which will result in a new or increased discharge that will exceed the conditions of this permit, or if it is determined by the DEQ that the terms or conditions of the permit must be modified in order to adequately protect the public health or environment, a request for either major or minor modifications must be submitted together with the reports as described in I. *Standard Reporting Requirements*, and plans and specifications for the proposed changes. No such facility expansion, production increase or process modification shall be made until plans have been reviewed and approved by the DEQ and a new permit or permit modification has been issued.
4. Permits shall be transferable to a new owner or operator provided that the permittee notifies the Director by requesting a minor modification of the permit before the date of transfer.
5. Any person violating any provision of the 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
HMU-017601	Northern Half of 64-Acre Field	32.0
HMU-017602	Southern Half of 64-Acre Field	32.0
HMU-017603	Field Between Lagoons and 64-Acre Field	40.0
HMU-017604	Field West of HMU-017601 and HMU-017602 (Future Use)	96.0

WASTEWATER SAMPLING POINTS

Serial Number	Description
WW-017601	Point of Discharge to Land Application (Post-Disinfection)

SOIL MONITORING UNITS

Serial Number	Description	Associated HMU
SU-017601	Northern Half of 64-Acre Field	HMU-017601
SU-017602	Southern Half of 64-Acre Field	HMU-017602
SU-017603	Field Between Lagoons and 64-Acre Field	HMU-017603
SU-017604	Field West of 64-Acre Field (Future Use)	HMU-017604

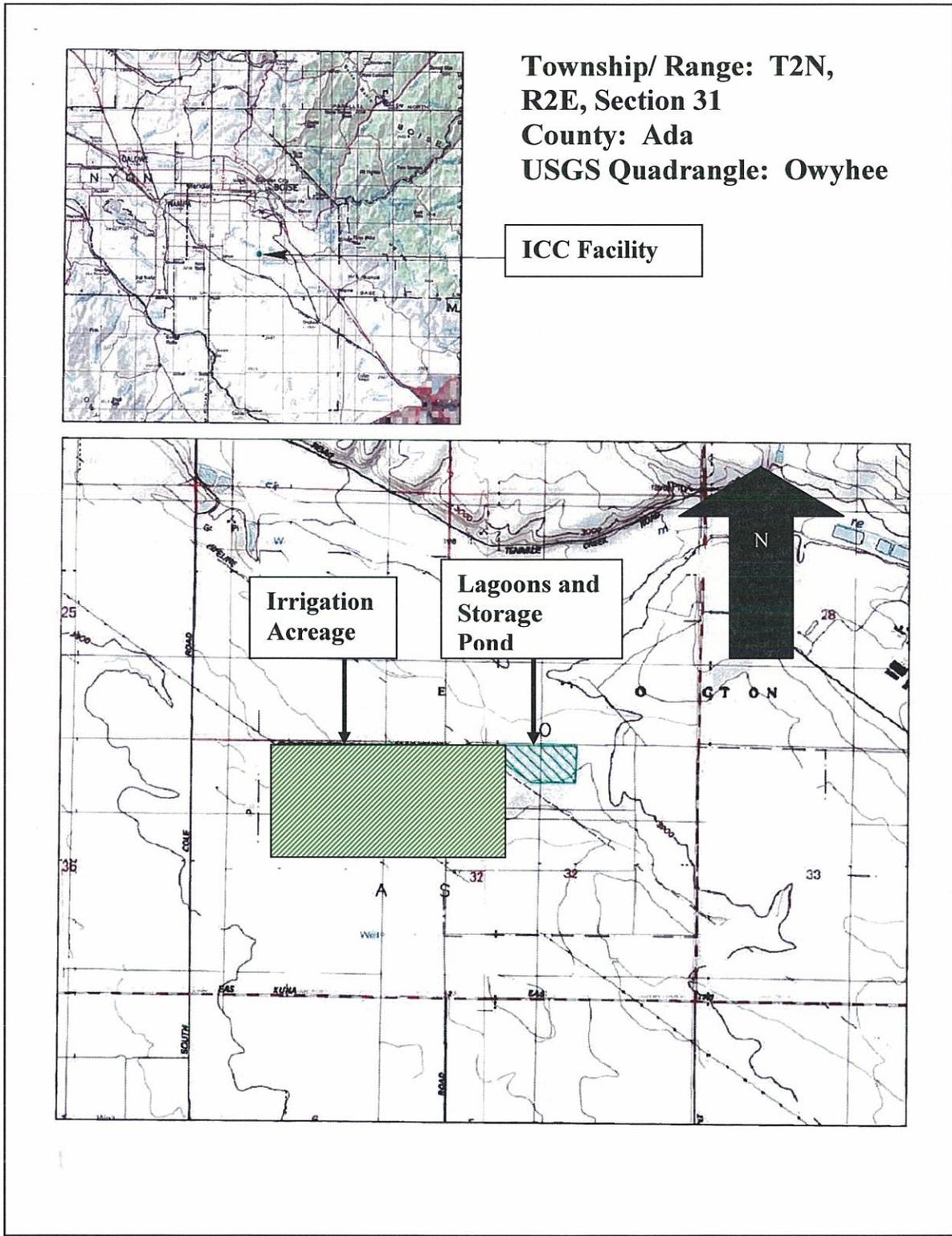
LAGOONS

Serial Number	Description	Structure Surface Area [acres]	Structure Capacity [MG]
LG-017601	Aerated Lagoon Number 1 (North Cell)	1.85	3.56
LG-017602	Aerated Lagoon Number 2 (In-Between North and South Cells)	1.85	3.56
LG-017603	Lagoon Number 3 (South Cell)	1.2	2.18
LG-017604	Storage/Polishing Pond (West of Aerated Cells)	13.1	33.9

Appendix 2

Site Maps

Figure A-1. Facility Location



Appendix 2
Site Maps

Figure A-2. Facility Layout

