

A. Permit Certificate

**MUNICIPAL
WASTEWATER REUSE PERMIT
LA-000060-04**

The City of Kuna IS HEREBY AUTHORIZED TO CONSTRUCT, INSTALL, AND OPERATE A WASTEWATER REUSE SYSTEM IN ACCORDANCE WITH THE RULES FOR THE RECLAMATION AND REUSE OF MUNICIPAL AND INDUSTRIAL WASTEWATER (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 30, 2015**



Pete Wagner
Boise Regional Administrator
Idaho Department of Environmental Quality

Date: 6/30/2010

**DEPARTMENT OF ENVIRONMENTAL QUALITY
1445 N. Orchard, Boise, ID 83706
208-373-0550**

POSTING ONSITE RECOMMENDED

B. Permit Contents, Appendices, and Reference Documents

	Page
A. Permit Certificate	1
B. Permit Contents, Appendices and Attachments	2
C. Abbreviations, Definitions	3
D. Facility Information	5
E. Compliance Schedule for Required Activities	6
F. Permit Limits and Conditions	8
G. Monitoring Requirements	11
H. Standard Reporting Requirements.....	14
I. Standard Permit Conditions: Procedures and Reporting	15
J. Standard Permit Conditions: Modifications, Violation, and Revocation	17

Appendices

1. Environmental Monitoring Serial Numbers.....	18
2. Site Map	20

References

1. Plan of Operation (Operation and Maintenance Manual and Quality Assurance Plan, CA-060-01)

The Sections, Appendices, and Reference Documents listed on this page are all elements of Wastewater Reuse Permit LA-000060-04 and are enforceable as such. This permit does not relieve the City of Kuna, hereafter referred to as the permittee, from responsibility for compliance with other applicable federal, state or local laws, rules, standards or ordinances.

C. Abbreviations, Definitions

Ac-in	Acre-inch. The volume of water or wastewater to cover 1 acre of land to a depth of 1 inch. Equal to 27,154 gallons.
BMP or BMPs	Best Management Practices
BOD ₅	Five-day Biological Oxygen Demand
COD	Chemical Oxygen Demand
DEQ or the Department	Idaho Department of Environmental Quality
Director	Director of the Idaho Department of Environmental Quality, or the Directors Designee, i.e. Regional Administrator
ET	Evapotranspiration – Loss of water from the soil and vegetation by evaporation and by plant uptake (transpiration)
GS	Growing Season – Typically April 01 through October 31 (214 days)
GW	Ground Water
GWQR	IDAPA 58.01.11 “Ground Water Quality Rule”
Guidance	Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater, DEQ.
HLRgs	Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to reuse hydraulic management units during the growing season. The HLRgs limit is specified in Section F. Permit Limits and Conditions.
HLRngs	Non-Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to each hydraulic management unit during the non-growing season. The HLRngs limit is specified in Section F. Permit Limits and Conditions.
HMU	Hydraulic Management Unit (Serial Number designation is MU)
IWR	<p>Irrigation Water Requirement – Any combination of wastewater and supplemental irrigation water applied at rates commensurate to the moisture requirements of the crop, and calculated monthly during the growing season (GS). Calculation methodology for the IWR can be found at the following website: http://www.kimberly.uidaho.edu/ETIdaho/. The equation used to calculate the IWR at this website is:</p> $IWR = (CU - P_e) / E_i$ <p>CU is the monthly consumptive use for a given crop in a given climatic area. CU is synonymous with crop evapotranspiration</p> <p>P_e is the effective precipitation. CU minus P_e is synonymous with the net irrigation requirement (IR)</p> <p>E_i is the irrigation system efficiency. To obtain the gross irrigation water requirement (IWR), divide the IR by the irrigation system efficiency.</p>
IDAPA	Idaho Administrative Procedures Act.
LG	Lagoon
lb/ac-day	Pounds (of constituent) per acre per day
MG	Million Gallons (1 MG = 36.827 acre-inches)
MGA	Million Gallons Annually (per WLAP Reporting Year)
NGS	Non-Growing Season – Typically November 01 through March 31 (151 days)
NVDS	Non-Volatile Dissolved Solids (= Total Dissolved Solids less Volatile Dissolved Solids)
O&M manual	Operation and Maintenance Manual, also referred to as the Plan of Operation

C. Abbreviations, Definitions

Reuse	The use of reclaimed wastewater for beneficial uses including, but not limited to, land treatment, irrigation, aquifer recharge, use in surface water features, toilet flushing in commercial buildings, dust control, and other uses.
Reuse Reporting Year	The reporting year begins with the non-growing season and extends through the growing season of the following year, typically November 01 – October 31. For example, the 2010 Reporting Year is November 01, 2009 through October 31, 2010.
RI	Rapid Infiltration
SAR	Sodium Absorption Ratio
SI	Supplemental Irrigation water applied to the reuse treatment site.
Soil AWC	Soil Available Water Holding Capacity - the water storage capability of a soil to a depth at which plant roots will utilize (typically 60 inches or root limiting layer)
SMU	Soil Monitoring Unit (Serial Number designation is SU)
SW	Surface Water
TDS	Total Dissolved Solids or Total Filterable Residue
TDIS	Total Dissolved Inorganic Solids – The summation of chemical concentration results in mg/L for the following common ions: calcium, magnesium, potassium, sodium, chloride, sulfate, and 0.6 times alkalinity (alkalinity expressed as calcium carbonate). Nitrate, Silica and fluoride shall be included if present in significant quantities (i.e. > 5 mg/L each).
TMDL	Total Maximum Daily Load – The sum of the individual waste-load allocations (WLA's) for point sources, Load Allocations (LA's) for non-point sources, and natural background. Such load shall be established at a level necessary to implement the applicable water quality standards with seasonal variations and a margin of safety that takes into account any lack of knowledge concerning the relationship between effluent limitations and water quality. IDAPA 58.01.02 <i>Water Quality Standards and Wastewater Treatment Requirements</i>
Typical Crop Uptake	Typical Crop Uptake is defined as the median constituent crop uptake from the three (3) most recent years the crop has been grown. Typical Crop Uptake is determined for each hydraulic management unit. For new crops having less than three years of on-site crop uptake data, regional crop yield data and typical nutrient content values, or other values approved by DEQ may be used.
USGS	United States Geological Survey
WW	Wastewater applied to the reuse treatment site
WWTP	Wastewater Treatment Plant

D. Facility Information

Legal Name of Permittee	City of Kuna
Type of Facility	Municipal
Type of Wastewater	Class C Municipal Wastewater
Method of Treatment	Aerated and Facultative Lagoons, and Slow Rate Irrigation
Facility Location	Kuna Mora Rd and Swan Falls Rd
Legal Location	T1N, R1W, Sections 1 and 2
County	Ada
USGS Quad	Kuna
Soils on Site	Power silt loam, McCain silt loam
Depth to Ground Water	220 feet below ground surface
Beneficial Uses of Ground Water	Agricultural, Domestic
Nearest Surface Water	Mora Canal, approximately 3/4 mile north of the site
Beneficial Uses of Surface Water	Agriculture
Responsible Official	Mayor, City of Kuna
Mailing Address	P.O. Box 13 Kuna, ID 83634
Phone / Fax	(208) 922-5546 / (208) 922-5989
Facility Contact	Gordon Law
Mailing Address	P.O. Box 13 Kuna, ID 83634
Phone / Fax	(208) 922-5546 / (208) 922-5989

E. Compliance Schedule for Required Activities

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

Compliance Activity Number Completion Date	Compliance Activity Description
<p style="text-align: center;">CA-060-01</p> <p>Plan of Operation</p> <p>Within 1 year of permit issuance</p>	<p>An updated Plan of Operation (Operation and Maintenance Manual or O&M Manual) for the wastewater reuse facilities 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 and reuse systems.</p> <p>The plan shall include a Quality Assurance Plan (QAP) for monitoring required in this permit. The plan shall cover field activities, laboratory analytical methods and other activities, data verification and validation, data storage, retrieval and assessment, and monitoring program evaluation and improvement.</p> <p>The completed manual shall be incorporated by reference into this permit and shall be enforceable as a part of this permit.</p>
<p style="text-align: center;">CA-060-02</p> <p>Feedlot Acreage</p> <p>As specified</p>	<p>Prior to utilization of any portion of the feedlot acreage for land application, soil sampling and analysis must be conducted in the manner defined, and the constituents required, in Section G of this permit. Following submittal of the soil testing results, written DEQ approval must be obtained prior to the commencement of effluent application at the feedlot acreage.</p>
<p style="text-align: center;">CA-060-03</p> <p>Disinfection Corrective Action Plan</p> <p>Three (3) months following permit issuance</p>	<p>Within three months of permit issuance, submit to DEQ for review and approval a Corrective Action Plan to meet or exceed the disinfection standard for Class C wastewater effluent application. If it is determined that improvements and/or physical alterations to the system are necessary to meet the required disinfection standard, include in the plan the timeline for which these improvements are anticipated to be completed.</p>
<p style="text-align: center;">CA-060-04</p> <p>Noble Domestic Well Closure</p> <p>As specified</p>	<p>The Noble domestic well shall be abandoned in accordance with applicable regulatory requirements prior to wastewater land application on the site of the well.</p>

E. Compliance Schedule for Required Activities

Compliance Activity Number	Compliance Activity Description
Completion Date	
<p style="text-align: center;">CA-060-05</p> <p style="text-align: center;">Permit Renewal Application</p> <p style="text-align: center;">Six months prior to permit expiration date</p>	<p>Submit an application package to DEQ for permit renewal.</p> <p>Include in the permit renewal application package an analysis of the potential for any adverse impacts to ground water that the wastewater reuse operations may be having. This analysis should focus on impacts related to nitrate and total dissolved solids, and should include consideration of all past wastewater application on the site. In the event that the results of the assessment show that projected impacts associated with operation of the site could result in an exceedance of ground water quality standards, or that ground water is likely being degraded with respect to the Ground Water Quality Rule, the submittal should identify measures that would mitigate such impacts, and propose a plan, for DEQ review and approval, that will ensure compliance with the Ground Water Quality Rule.</p>

F. Permit Limits and Conditions

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

Category	Permitted Limits and Conditions
Type of Wastewater	Class C Municipal
Wastewater Reuse Area	396 Acres
Growing Season (GS)	March 1 through October 31
Non-Growing Season (NGS)	November 1 through February 28/29, HMU-006002 (Field 1) only
Reporting year for Annual Loading Rates	November 1 to October 31
Maximum Hydraulic Loading Rate, GS (includes wastewater and supplemental irrigation water)	Growing Season (GS) Hydraulic Loading Rate (HLR _{GS}) shall substantially follow the Irrigation Water Requirement (IWR) for the crop grown (see Section C for a definition of IWR).
Maximum Hydraulic Loading Rate, NGS	Wastewater land application during the NGS is limited to HMU-006002 (Field 1). The hydraulic loading rate (HLR _{NGS}) shall be no more than 4.74 inches, or 17 MG.
Total Nitrogen Application Limits	125% of typical crop uptake (see Section C for the definition).
Allowable Crops	Crops grown for direct human consumption are not allowed.
Livestock Grazing	A Grazing Management Plan must be submitted to and approved by DEQ prior to any grazing activities at the wastewater reuse site.
Waste Solids	A Waste Solids Management Plan must be submitted to and approved by DEQ prior to any removal of waste solids from the lagoons.
Runoff	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. New BMPs shall be reviewed and approved by DEQ prior to implementation.
Ground Water Quality	Ground water quality shall be in compliance with the <i>Idaho Ground Water Quality Rule</i> , IDAPA 58.01.11.
Source Water Protection	Where there are wastewater and fresh water interconnections, DEQ approved backflow prevention devices are required.

F. Permit Limits and Conditions

Category	Permitted Limits and Conditions
Construction Plans	Detailed plans and specifications shall be reviewed and approved by DEQ prior to construction or modification of all wastewater facilities associated with the reuse system or expansion. 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.
Wastewater Treatment Facility Operation	<p>The wastewater treatment facility shall be operated by personnel holding a license from the Idaho Bureau of Occupational Licenses (IBOL). The facility shall be under the direct supervision of a Responsible Charge Operator, and shall have a designated Substitute Responsible Charge Operator, both holding licenses equal to or greater than the classification of the wastewater treatment system in accordance with IDAPA 58.01.16.203 of the <i>Wastewater Rules</i>.</p> <p>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.</p>
Signing	Signs shall be posted every 500 feet designating the fields as wastewater reuse areas or equivalent.
Fencing	Fencing is required around the wastewater treatment facilities and land application areas.
Disinfection Level	Class C effluent shall be considered adequately disinfected if the median number of total coliform organisms does not exceed 23/100 mL as determined from the bacteriological results of the last 5 days for which analyses have been completed, and the number of total coliform organisms does not exceed 230/100 mL in any confirmed sample.

F. Permit Limits and Conditions

Buffer Zones	The following buffer zone distances must be maintained between the land application area and listed feature.	
	Point of public access	0 feet
	Inhabited dwellings	300 feet
	Permanent or intermittent surface water other than Irrigation Ditches and Canals	100 feet
	Temporary surface water, irrigation ditches and canals	50 feet
	Private water sources	500 feet
	Public water sources	1000 feet

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 protocol shall be included in the Operation and Maintenance Manual.
- 2) The permittee shall monitor and measure parameters as stated in the Facility Monitoring Table in this section.
- 3) Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored.
- 4) Monitoring locations are described in Appendix 1, Environmental Monitoring Serial Numbers.
- 5) Monitoring is required at the frequency shown in the table below if wastewater is applied anytime during the time period shown. Unless otherwise agreed in writing by the DEQ, data collected and submitted shall include, but not be limited to, the parameters and frequencies in the Facility Monitoring Table as follows.
- 6) If the soil management unit is less than 15 acres, use 5 sub-samples. If the soil management unit is greater than 15 acres, use 10 sub-samples.
- 7) Three (3) soil samples shall be collected at each sample location, one at 0-12 inches, one at 12-24 inches, and one at 24-36 inches. The soil samples collected at 0-12 inches from each sample location shall be composited. Similarly, all soil samples collected at 12-24 inches shall be composited and all soil samples collected at 24-36 inches shall be composited. This method will yield three samples for analysis, one for 0-12 inches, one for 12-24 inches and one for 24-36 inches for each soil management unit.
- 8) Ground Water Monitoring Procedure: Ground Water Monitoring Wells shall be purged a minimum of three casing volumes and/or until field measurements for pH, specific conductance and temperature meet the following conditions: two successive temperature values measured at least five minutes apart are within one degree Celsius of each other, pH values for two successive measurements measured at least five minutes apart are within 0.2 units of each other, and two successive specific conductance values measured at least five minutes apart are within 10% of each other. This procedure will determine when the wells are suitable for sampling for constituents required by the permit. Alternate procedures, such as low flow sampling, may be considered by DEQ for approval. The static water level shall be measured prior to purging and/or sampling for ground water.

G. Monitoring Requirements

Facility Monitoring Table

Frequency	Monitoring Point	Description and Type of Monitoring	Parameters
Daily (when land applying)	Calibrated Pump Rate or Flow Meter	Volume of wastewater land applied	Gallons/Day, Gallons/Month and acre-inches/month to each HMU
Daily (when using)	Calibrated Pump Rate or Flow Meter	Volume of supplemental irrigation water applied	Gallons/Day, Gallons/Month and acre-inches/month to each HMU
Weekly (when land applying)	Discharge point(s) of wastewater to land application WW-006001, WW-006002	Grab sample	Total Coliform, Total Chlorine
Monthly (when land applying)	Discharge point(s) of wastewater to land application WW-006001, WW-006002	Grab sample	Total Kjeldahl Nitrogen (TKN), Nitrate+Nitrite Nitrogen, Total Dissolved Solids (TDS), Total Suspended Solids (TSS), pH, Chemical Oxygen Demand (COD), Total Phosphorus
Annually in July	Process Water Well GW-006003	Grab sample	Nitrate-Nitrogen, Total Dissolved Solids (TDS), Chloride, and Fecal Coliform
Annually in November	Soil Monitoring Units (SMUs)	Composite Soil Sample (see note 6, 7)	Electrical Conductivity (EC), Nitrate-Nitrogen, Ammonia-Nitrogen, Plant Available Phosphorus*, pH *Use Olsen method for soils with pH 6.5 or greater, use Bray method if soil pH is less than 6.5.
Annually	Each HMU	Acres used for land application	Acres
		Calculate total nitrogen and total phosphorus loading from wastewater effluent	Nitrogen and Phosphorus applied in lbs/acre-year from wastewater effluent

G. Monitoring Requirements

Frequency	Monitoring Point	Description and Type of Monitoring	Parameters
Annually	Each HMU	Calculate total nitrogen and total phosphorus loading from each non-wastewater source (e.g. fertilizer)	Nitrogen and Phosphorus applied in lbs/acre-year from each source
		Crop yield calculation and crop type	Tons/acre, lbs/acre, or bushels/acre
		Crop nutrient uptake from crop tissue analysis	Nitrogen and phosphorus uptake in lbs/acre/yr
		Calculate IWR for the crop grown	Quantity (inches and gallons) for each month of the GS.
First year of permit	All flow measurement locations (wastewater and fresh water)	Calibration of all flow measurement locations to the land application site	Document the flow measurement calibration of all flow meters and pumps used directly or indirectly to measure all wastewater and supplemental irrigation water flows applied to each HMU.
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-Land Application Site Performance Report ("Annual Report") prepared by a competent environmental professional no later than January 31 of each year, which shall cover the previous reporting year. The Annual Report shall include an interpretive discussion of monitoring data (ground water, soils, hydraulic loading, wastewater etc.) with particular respect to environmental impacts by the facility.
- 2) The annual report shall contain the results of the required monitoring as described in *Section G. Monitoring Requirements*. If the permittee monitors any parameter more frequently than required by this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the annual report.
- 3) The annual report shall be submitted to the Engineering Manager at the following address.

Boise Regional Office
1445 N. Orchard
Boise, ID 83706-2239
208-769-1422
- 4) Notice of completion of any work described in *Section E. Compliance Schedule for Required Activities* shall be submitted to the Department within 30 days of activity completion. The status of all other work described in Section E shall be submitted with the Annual Report.
- 5) All laboratory reports containing the sample results for monitoring required by *Section G. Monitoring Requirements* of this permit shall be submitted with the Annual Report.

I. Standard Permit Conditions: Procedures and Reporting

- 1) The permittee shall at all times properly maintain and operate all structures, systems, and equipment for treatment, operational controls and monitoring, which are installed or used by the permittee to comply with all conditions of the permit or the Wastewater-Land Application 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 unless permission has been obtained from the DEQ authorizing a discharge into the waters of the State as stated in IDAPA 58.01.02.600.02.
- 3) Wastewater must not create a public health hazard or nuisance condition as stated in IDAPA 58.01.02.600.03. 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 land application 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 land application 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 Waste Water Land Application Permit Regulations and include seepage tests on all lagoons per latest DEQ procedures.
- 7) The permittee shall allow the Director of the Idaho Department of Environmental Quality or the Director's designee (hereinafter referred to as Director), consistent with Title 39, Chapter 1, Idaho Code, to:
 - a. Enter the permitted facility,
 - b. Inspect any records that must be kept under the conditions of the permit.
 - c. Inspect any facility, equipment, practice, or operation permitted or required by the permit.
 - d. Sample or monitor for the purpose of assuring permit compliance, any substance or any parameter at the facility.
- 8) The permittee shall report to the Director under the circumstances and in the manner specified in this section:
 - a. In writing thirty (30) days before any planned physical alteration or addition to the permitted facility or activity if that alteration or addition would result in any significant change in information that was submitted during the permit application process.
 - b. In writing thirty (30) days before any anticipated change which would result in non-compliance with any permit condition or these regulations.
 - c. Orally within twenty-four (24) hours from the time the permittee became aware of any non-compliance which may endanger the public health or the environment at telephone numbers provided in the permit by the Director (see below)

DEQ Regional Office: see Permit Certificate Page
Emergency 24 Hour Number: 1-800-632-8000

I. Standard Permit Conditions: Procedures and Reporting

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

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 Section I. *Standard Reporting Requirements*, and plans and specifications for the proposed changes. No such facility expansion, production increase or process modification shall be made until plans have been reviewed and approved by the DEQ and a new permit or permit modification has been issued.
- 4) Permits shall be transferable to a new owner or operator provided that the permittee notifies the Director by requesting a minor modification of the permit before the date of transfer.
- 5) Any person violating any provision of the Wastewater Land Application 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 Land Application Permit Regulations.
- 7) Except in cases of emergency, the Director shall issue a written notice of intent to revoke to the permittee prior to final revocation. Revocation shall become final within thirty-five (35) days of receipt of the notice by the permittee, unless within that time the permittee request an administrative hearing in writing to the Board of Environmental Quality pursuant to the Rules of Administrative Procedures contained in IDAPA 58.01.23.
- 8) If, pursuant to Idaho Code, 67-5247, the Director finds the public health, safety or welfare requires emergency action, the Director shall incorporate findings in support of such action in a written notice of emergency revocation issued to the permittee. Emergency revocation shall be effective upon receipt by the permittee. Thereafter, if requested by the permittee in writing, a revocation hearing before the Board of Environmental Quality shall be provided. Such hearings shall be conducted in accordance with the Rules of Administrative Procedures contained in IDAPA 58.01.23.
- 9) The provisions of this permit are severable and if a provision or its application is declared invalid or unenforceable for any reason, that declaration will not affect the validity or enforceability of the remaining provisions.
- 10) The permittee shall notify the DEQ at least six (6) months prior to permanently removing any permitted land application facility from service, including any treatment, storage, or other facilities or equipment associated with the land application site. Prior to commencing closure activities, the permittee shall: a) participate in a pre-site closure meeting with the DEQ; b) develop a site closure plan that identifies specific closure, site characterization, or cleanup tasks with scheduled task completion dates in accordance with agreements made at the pre-site closure meeting; and c) submit the completed site closure plan to the DEQ for review and approval within forty-five (45) days of the pre-site closure meeting. The permittee must complete the DEQ approved site closure plan.

Appendix 1
Environmental Monitoring Serial Numbers

HYDRAULIC MANAGEMENT UNITS

Serial Number	Description	Acres
MU-006002	Field 1	132
MU-006010	Field 2, north field, west of pond system (54 acres) Field 3, south field, west of pond system (61 acres) Field 4, south of pond system (33 acres)	148
MU-006011	Field 5, south of fields 3 and 4 (40 acres) Field 6, south of field 4 (38 acres) Field 7, south of field 6 (38 acres)	116

WASTEWATER SAMPLING POINTS

Serial Number	Description
WW-006001	Discharge point, post-disinfection, of wastewater to land application, East Farm (MU-006002).
WW-006002	Discharge point, post-disinfection, of wastewater to land application, West Farm (MU-006010 and MU-006011).

SOIL MONITORING UNITS

Serial Number	Description	Associated MU
SU-006002	Field 1 (132 acres)	MU-006002
SU-006010	Fields 2, 3, 4 (148 acres)	MU-006010
SU-006011	Field 5, 6, 7 (109.1 acres)	MU-006011
SU-006012	Former Feedlot (6.9 acres)	MU-006011

GROUND WATER MONITORING

Serial Number	Description
GW-006003	Process Water Well

Appendix 1
Environmental Monitoring Serial Numbers

LAGOONS

Serial Number	Description
LG-006001	Aerated Lagoon No. 1
LG-006002	Facultative/Storage Lagoon No. 2
LG-006003	Facultative/Storage Lagoon No. 3
LG-006004	Facultative/Storage Lagoon No. 4
LG-006005	Facultative/Storage Lagoon No. 5
LG-006006	Facultative/Storage Lagoon No. 6
LG-006007	Aerated Lagoon No. 7
LG-006008	Future Lagoon
LG-006009	Facultative/Storage Lagoon No. 9
LG-006010	Facultative/Storage Lagoon No. 10

