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**IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY**

**REUSE PERMIT**

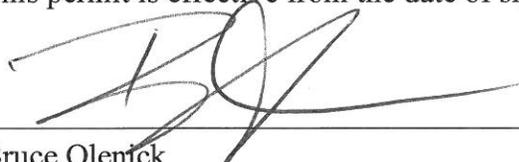
**I-033-03**

**(Previous Permit Number LA-000033-02)**

**IDAHO SUPREME POTATOES, INC., FIRTH IDAHO FACILITY** (hereafter "Permittee") is hereby authorized to construct, install, and operate a reuse facility in accordance with:

- 1) this permit;
- 2) IDAPA 58.01.17, "*Recycled Water Rules*;"
- 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 July 22, 2019



Bruce Olenick  
Regional Administrator  
Idaho Department of Environmental Quality  
Pocatello Regional Office

7-23-14  
Date

Department of Environmental Quality  
Pocatello Regional Office  
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Pocatello, ID. 83201

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## 1. Acronyms, Abbreviations and Definitions

cwt	a unit of weight measurement equal to 100 pounds
DEQ	Idaho Department of Environmental Quality
DEQ Guidance	DEQ Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater, latest revision
Director	Director of the Idaho Department of Environmental Quality or designee unless otherwise specified
EPA	Environmental Protection Agency
$E_i$	irrigation efficiency
GW	prefix for ground water reporting serial number
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 (GS). 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
MU	prefix for management unit reporting environmental serial number
NPDES	National Pollutant Discharge Elimination System
$P_{def}$	precipitation deficit - is synonymous with the net irrigation water requirement of the crop and for the purposes of this permit can be found at the following website <a href="http://data.kimberly.uidaho.edu/ETIdaho/">http://data.kimberly.uidaho.edu/ETIdaho/</a>
PO	plan of operation
QAPP	quality assurance project plan
Responsible Official	is the 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 non-compliance, 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

WW

prefix for wastewater reporting serial number

## 2. Facility Information

Information type	Information specific for this permit
<b>Type of recycled water</b>	Industrial – Potato processing wastewater
<b>Method of treatment and reuse</b>	Preliminary treatment via screening and clarification. Mud water is treated via settling of solids. Potato processing effluent is stored temporarily in the facility's lined lagoon. Use of recycled water for crop irrigation via slow rate land application.
<b>Facility address</b>  <b>Mailing address</b>  <b>Phone</b> <b>E-mail</b>	614 East 800 North Firth, Idaho 83236  P.O. Box 246 Firth, ID 83236-0246 Tel: (208) 346-6841  Township 1S, Range 37 E, Sections 6,7,18, and 19.
<b>Facility responsible official and authorized representative</b>	Responsible Official: <ul style="list-style-type: none"> <li>• Mr. VonDel Chapman, Owner</li> </ul> Authorized Representatives: <ul style="list-style-type: none"> <li>• Mr. Gary Robinson, Production Manager</li> <li>• Mr. Ron Kulow, Wastewater Application Manager</li> </ul>
<b>Ground Water</b>	≈15 feet (Seasonal High Ground Water – Spring) ≈15 feet to first water ≈ 20-30 feet to regional aquifer General groundwater flow direction is west toward the Snake River Beneficial uses: public/domestic water supply, agriculture No known Nitrate Priority Area Public water supply well at the facility: uses commercial, industrial
<b>Surface Water</b>	Snake River along west boundary. Beneficial uses: cold water biota, primary contact recreation Blackfoot Canal east side of northern fields. Beneficial uses: agriculture Reservation Canal east side of fields. Beneficial uses: agriculture

### 3. Compliance Schedule for Required Activities

Compliance activity (CA) number and Completion due date	Compliance activity description
<p>CA-033-01</p> <p>One hundred eighty (180) days following permit issuance</p>	<p><b>Plan of Operation (PO):</b> The permittee shall submit for review and approval a Plan of Operation (PO) that reflects current operations and incorporates the requirements of this permit.</p> <p>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.</p> <p>The PO shall include the following site management plans, or the permittee may submit the following site management plans individually:</p> <ol style="list-style-type: none"> <li>1. Buffer Zone Plan;</li> <li>2. Cropping Plan;</li> <li>3. Nuisance Odor Management Plan;</li> <li>4. Well Location Acceptability Analysis;</li> <li>5. Waste Solids Management Plan;</li> <li>6. Irrigation Management and Scheduling Plan;</li> <li>7. Runoff Management Plan;</li> </ol> <p>The PO shall be updated as needed to reflect current operations.</p> <p>The permittee shall notify DEQ of material changes to the PO and copies must be kept on site and made available to DEQ upon request.</p>

Compliance activity (CA) number and Completion due date	Compliance activity description
<p>CA-033-02</p> <p>1) Six (6) months following permit issuance</p> <p>2) Twelve (12) months following Department approval of the work plan required in 1)</p>	<p><b>Ground Water Monitoring Network:</b></p> <p>1) The Permittee shall submit a work plan for completing the facility's ground water monitoring network.</p> <p>2) The permittee shall refurbish or replace all monitoring wells that do not provide samples year-round, to ensure ground water will be available for collection and sampling as required in this permit. A justification for location and detailed plans and specifications for each individual well shall be submitted to and approved by DEQ prior to construction.</p> <p>3) All ground water monitoring wells listed in the Table in Permit Section 5.2.1, or any newly installed monitoring wells that are not already surveyed by a Professional Land Surveyor licensed in Idaho and reported to DEQ, shall be surveyed by a Professional Land Surveyor licensed in Idaho and the results provided to DEQ. Horizontal locations for all facility wells shall be specified using latitude/longitude in decimal degrees. Vertical locations to top of casing shall be determined relative to a universally recognized vertical datum and specified to an accuracy of +/- one-one hundredth of a foot (<math>\pm 0.01</math> ft). The survey should be performed within 30-days after completion of CA-033-02, part 2.</p>
<p>CA-033-03</p> <p>Twenty-four (24) months following completion of work required in CA-033-03-2 (part 2)</p>	<p><b>Ground Water Characterization:</b></p> <p>1) The Permittee shall complete a Ground Water Characterization Report (Report) that addresses the entire land application site. The Report shall include data and interpretations relative to aquifer characteristics for each management unit and shall describe fate and transport mechanisms. The Report must include a site conceptual model that:</p> <ul style="list-style-type: none"> <li>i) establishes site background ground water quality,</li> <li>ii) includes maps and descriptions of areas of ground water degradation based on statistically significant increases over site background.</li> <li>iii) and predicts ground water impacts from reuse operations</li> </ul>

Compliance activity (CA) number and Completion due date	Compliance activity description
<p>CA-033-04</p> <p>Sixty (60) days following permit issuance</p>	<p><b>Quality Assurance Project Plan (QAPP):</b> 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.</p> <p>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:</p> <ol style="list-style-type: none"> <li>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.</li> <li>2. Maps indicating the location of each monitoring, and sampling point.</li> <li>3. Qualification and training of personnel.</li> <li>4. Names, addresses, and telephone numbers of the laboratories used by or proposed to be used by the permittee.</li> <li>5. Example formats and tables that will be used by the permittee to summarize and present all data in the annual report.</li> </ol> <p>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.</p> <p>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 PO and copies must be kept on site and made available to DEQ upon request.</p>
<p>CA-033-05</p> <p>24 Hour notification prior to harvest</p> <p>24 Hour notification following harvest</p> <p>48 Hour sample delivery requirement</p>	<p>Notify DEQ 24 hours prior to harvesting crops on each MU.</p> <p>DEQ will be notified prior to each crop harvest and allowed sufficient time and access to take duplicate or split crop samples from each crop harvest on each MU.</p> <p>Provide DEQ with a summary report of harvest weights for each harvest within 24 hours after receiving: the laboratory data from each harvest, or the crop moisture measurements taken from each harvest as the crops are removed from each MU. Provide DEQ with copies of all harvest weight receipts in each annual report.</p> <p>All crop harvest samples must be delivered to the laboratory within 2 hours of harvest as described in Section 7.6 of the DEQ Guidance, or within 24-48 hours if samples are stored according to the Guidance. Include all laboratory sample sheets and chain of custody forms from all crop samples in the annual report.</p>
<p>CA-033-06</p> <p>12 months prior to permit expiration</p>	<p>If the permittee intends to continue operating the wastewater reuse facility beyond the expiration date of this permit, the permittee shall contact DEQ and schedule a pre-application workshop to discuss the compliance status of the facility and the content required for the wastewater reuse permit application package.</p>
<p>CA-033-07</p> <p>One hundred eighty (180) days prior to permit expiration</p>	<p>The permittee shall submit to DEQ a complete permit renewal application package, which fulfills the requirements specified at the pre-application workshop identified in CA-233-06.</p>

## 4. Permit Limits and Conditions

### 4.1. Hydraulic Management Unit Descriptions

Serial Number	Description	Irrigation System Type and Irrigation Efficiency	Maximum Acres Allowed <sup>a</sup>
MU-03301	Pivot #1	Pivot ( $E_i = 0.80$ )	25
MU-03302	Pivot #2	Center Pivot ( $E_i = 0.80$ )	19
MU-03303	Pivot #3	Center Pivot ( $E_i = 0.80$ )	46
MU-03304	Pivot #4	Pivot ( $E_i = 0.80$ )	16
MU-03305	Pivot #5	Center Pivot ( $E_i = 0.80$ )	57
MU-03306	Pivot #6	Center Pivot ( $E_i = 0.80$ )	72
MU-03307	Pivot #7	Pivot ( $E_i = 0.80$ )	28
MU-03308	Pivot #8	Pivot ( $E_i = 0.80$ )	10
MU-03309	Pivot #9	Pivot ( $E_i = 0.80$ )	19
MU-03310	Pivot #10	Pivot ( $E_i = 0.80$ )	24
MU-03311	Pivot #11	waste solids management site not used for irrigation	15
MU-03312	Pivot #12	Pivot ( $E_i = 0.80$ )	13
MU-03313	Pivot #13	Pivot ( $E_i = 0.80$ )	12
MU-03314	Field #14	Not in Use	0.0
MU-03315	Pivot #15	Pivot ( $E_i = 0.80$ )	15
Total Irrigated Acres			356
Total Permitted Management Unit Acreage			371

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 utilized during each season or year.

## 4.2. Hydraulic Loading Limits

Serial Number	Growing season hydraulic loading	Non-growing season maximum hydraulic loading inches <sup>a</sup> per acre		
		MU Number	Max. Acres	Inches Per Acre
MU-03301	Substantially at the crop irrigation water requirement (IWR) <sup>b</sup>	MU-03301	25	4.5
MU-03302		MU-03302	19	10.4
MU-03303		MU-03303	46	5.8
MU-03304		MU-03304	16	10.4
MU-03305		MU-03305	57	10.4
MU-03306		MU-03306	72	5.8
MU-03307		MU-03307	28	4.5
MU-03308		MU-03308	10	4.5
MU-03309		MU-03309	19	10.4
MU-03310		MU-03310	24	10.4
MU-03311		MU-03311	15	N/A
MU-03312		MU-03312	13	10.4
MU-03313		MU-03313	12	5.8
MU-03315		MU-03315	15	4.5

- Record daily, as necessary, abnormal conditions as a result of non-growing season application including ponding, excessive ice buildup, or runoff from the permitted site.
- For compliance purposes, the source of P<sub>def</sub> data used to calculate the IWR shall be specified in the PO.

## 4.3. Constituent Loading Limits

Serial Number	Constituent loading limit (from all sources)			
	Nitrogen (lb per acre) <sup>a</sup>	Phosphorus (lb per acre)	Salt (Non-volatile dissolved solids, NVDS) (lb per acre)	COD (lb per acre)
MU-03301 MU-03302 MU-03303 MU-03304 MU-03305 MU-03306	150% of crop uptake Not to exceed 600 lb nitrogen per acre per year	N/A	N/A	50 pounds per acre, maximum average daily limit, growing season and non-growing season reported separately
MU-03307 MU-03308 MU-03309 MU-03310 MU-03311 MU-03312 MU-03313 MU-03315	Recommend no less than 350 lb nitrogen per acre per year, to ensure even nitrogen loading across all management units			

- Typical crop uptake is the median constituent crop uptake from the 3 most recent years the crop has been grown. For crops having less than 3 years of on-site crop uptake data, compliance with the 150% nitrogen loading limit shall be determined by comparing the current year's nitrogen loading to the current year's nitrogen uptake.

N/A indicates not applicable as a limited constituent at this time.

#### 4.4. Hydraulic Management Unit Buffer Zones

Serial Number	Buffer Distances (in 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
MU-03301 Through MU-03315	1,000	500	300	100	50	50

#### 4.5. Other Permit Limits and Conditions

Category	Permit Limits and Conditions
<b>Growing Season</b>	April 1 through October 31 (214 days)
<b>Non-growing Season</b>	November 1 through March 31 (151 days)
<b>Reporting Year for Annual Loading Rates</b>	November 1 through October 31
<b>Non-Growing Season Maximum Wastewater Hydraulic Loading</b>	The maximum total NGS hydraulic loading rate for the 371-acre land treatment site is 129.0 Million Gallons. Individual management unit loading limits are listed in Section 4.2.
<b>Crop or vegetation restrictions</b>	Refer to the plan of operation or cropping plan for allowable crops
<b>Grazing</b>	Grazing is not allowed.
<b>Fencing</b>	Fencing required around the storage lagoon, and management units:
<b>Construction Plans &amp; Specifications</b>	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 prior to construction, modification, or expansion of any wastewater treatment, storage, conveyance structures, ground water monitoring wells, or reuse facility. Inspection requirements shall be satisfied and within 30 days of completion of construction and 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.
<b>Backflow prevention and testing requirements</b>	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.
<b>Records retention requirements</b>	Keep records generated to meet the requirements of this permit for the duration of permit, including administrative extensions, plus 2 years.

## 5. Monitoring Requirements

### 5.1. Recycled Water and Supplemental Water Monitoring, Sampling, and Analyses

#### 5.1.1. Constituent Monitoring

Monitoring point serial number and location	Sample description	Sample type/Frequency	Constituents (units in mg/L unless otherwise specified)
WW-03301  Storage lagoon outflow, or any other source of applied wastewater if the lagoon outflow is bypassed	Recycled water applied to: MU-03301 MU-03302 MU-03303 MU-03304 MU-03305 MU-03306 MU-03307 MU-03308 MU-03309 MU-03310 MU-03311 MU-03312 MU-03313 MU-03315	WW quality, 24 hour composite sample, when irrigating, reported monthly	<ul style="list-style-type: none"> <li>- total Kjeldahl nitrogen, as N</li> <li>- ammonium-nitrogen, as N</li> <li>- nitrate-nitrogen, as N</li> <li>- total phosphorus, as P</li> <li>- COD</li> <li>- electrical conductivity</li> <li>- pH (standard units)</li> <li>- sulfate</li> <li>- total dissolved solids</li> <li>- volatile dissolved solids</li> <li>- non-volatile dissolved solids</li> </ul>
<b>Supplemental Irrigation Water (SIW)</b>			
SW-03301 (Formerly SW-003301)	water used for irrigation from Well #1 Prior to mixing	Grab Sample, October 2014, and April 2015 (Or during the first SIW application in 2015)	<ul style="list-style-type: none"> <li>- total Kjeldahl nitrogen, as N</li> <li>- nitrate-nitrogen, as N</li> <li>- total phosphorus, as P</li> <li>- total dissolved solids</li> </ul>
SW-03302 (Formerly SW-003302)	water used for irrigation from Well #2 Prior to mixing		
SW-03303 (Formerly SW-003303)	water used for irrigation from Well #3 Prior to mixing		

**5.1.2. Management Unit Flow Monitoring**

<b>Monitoring point serial number and location</b>	<b>Sample description</b>	<b>Sample type and Frequency</b>	<b>Measured Parameter (Units and significant figures)</b>
MU-03301 MU-03302 MU-03303 MU-03304 MU-03305 MU-03306 MU-03307 MU-03308 MU-03309 MU-03310 MU-03311 MU-03312 MU-03313 MU-03315  Storage lagoon pump flow meter at LG-03301  (or any applied wastewater)	Effluent volume from LG-03301 prior to application on:  MU-03301 MU-03302 MU-03303 MU-03304 MU-03305 MU-03306 MU-03307 MU-03308 MU-03309 MU-03310 MU-03311 MU-03312 MU-03313 MU-03315	- Daily meter reading  - Monthly, seasonal, and annual compilation of data	- Daily effluent volume  - (MG per month to the nearest gallon, and depth reported as inches per acre per month to each management unit, to the nearest 1/100 of an inch)
<b>Supplemental Irrigation Water</b>			
MU-03301 MU-03302 MU-03303 MU-03304 MU-03305 MU-03306 MU-03307 MU-03308 MU-03309 MU-03310 MU-03311 MU-03312 MU-03313 MU-03315  Flow meter for supplemental irrigation water pumps at well sources:  SW-03301 SW-03302 SW-03303  (or any applied supplemental irrigation water)	Volume of water from irrigation Wells to:  MU-03301 MU-03302 MU-03303 MU-03304 MU-03305 MU-03306 MU-03307 MU-03308 MU-03309 MU-03310 MU-03311 MU-03312 MU-03313 MU-03315	- Daily flow meter readings, Daily pump run times, or hour meter readings and volume conversions  - Monthly, seasonal, and annual compilation of data	- Daily Irrigation water volume when applying  - (MG per month to the nearest gallon, and depth reported as inches per acre per month to each management unit, to the nearest 1/100 of an inch)

## 5.2. Ground Water Monitoring

### 5.2.1. Ground Water Monitoring Point Descriptions

Monitoring point serial number	Common Designation	Monitoring Well Location Description	Gradient location
GW-03301	MW-1	South-east of Field 15, original domestic well	Up
GW-03302	MW-2	South of Pivot #9	Down
GW-03303	MW-3	West of Pivot #1	Down
GW-03304	MW-4	West of Pivot #1	Down
GW-03305	MW-5	South-west of Pivot #10	Down
GW-03306	MW-6	West of Pivot #2	Down
GW-03307	MW-7	East of Pivot #4	Up
GW-03308	MW-8	North-east of Pivot #4	Up
GW-03309	MW-9	East of Field #11	Up
GW-03310	MW-10	South-west of Pivots #12 and 5	Down
GW-03311	MW-11	East of Pivots 12 & 5	Up
GW-03312	MW-12	South-west of Pivot #6	Down
GW-03313	MW-13	North-east of Pivot #6	Up
GW-03314	MW-14	West of Pivots #7	Down
GW-03315	MW-15	North of Pivot #8	Up
GW-03316	RMEA 1s	North of Pivot #8	Up
GW-03317	RMEA 1d	North of Pivot #8	Up
GW-03318	RMEA 2s	Southwest of Pivots #5 and 12	Down
GW-03319	RMEA 2d	Southwest of Pivots #5 and 12	Down
GW-03320	RMEA 3s	North of Pivot #3	Up
GW-03321	RMEA 3d	North of Pivot #3	Up
GW-03322	RMEA 4	West of Pivot #1	Down

**5.2.2. Ground Water Monitoring, Sampling, and Analyses**

Monitoring point serial number	Facility reference number	Sample type/ Frequency	Constituents (units in mg/L unless otherwise specified)
GW-03301 GW-03302 GW-03303 GW-03304 GW-03305 GW-03306 GW-03307 GW-03308 GW-03309 GW-03310 GW-03311 GW-03312 GW-03313 GW-03314 GW-03315 GW-03316 GW-03317 GW-03318 GW-03319 GW-03320 GW-03321 GW-03322  All New Monitoring Wells	MW-1 MW-2 MW-3 MW-4 MW-5 MW-6 MW-7 MW-8 MW-9 MW-10 MW-11 MW-12 MW-13 MW-14 MW-15 RMEA 1s RMEA 1d RMEA 2s RMEA 2d RMEA 3s RMEA 3d RMEA 4	Unfiltered Grab sample, Three times annually <sup>1</sup> April, July, and October.  * collect samples as close to the middle of the month as practicable.	- water table elevation (hundredths of a foot) - depth to groundwater (hundredths of a foot) - COD - Total phosphorus, as P - Nitrate-nitrogen, as N - sulfate - chloride - pH (standard units) - electrical conductivity (µmhos/cm) - temperature - total and dissolved iron <sup>2</sup> - total and dissolved manganese <sup>2</sup> - TDS <sup>2</sup> - VDS <sup>2</sup>
Domestic wells within ¼ mile of all active treatment acreage <sup>3</sup>	Monitoring point numbers established internally	Grab sample  Report Domestic well samplign results to DEQ annually in the annual report for any domestic wells sampled	- chloride - nitrate nitrogen - total phosphorus - total dissolved solids - sulfate - total and dissolved iron <sup>2</sup> - total and dissolved manganese <sup>2</sup>

<sup>1</sup> To allow the Permittee flexibility in obtaining samples when water is most likely to be present, the timing of ground water sampling is not specified. Sampling should be scheduled and conducted so as to assess seasonal variability in static water levels, but should be temporally independent and evenly distributed over time to the extent practicable.

<sup>2</sup> Analytical results are required for dissolved iron and/or manganese only if the results for total iron and/or manganese exceed standards in IDAPA 58.01.11.200.b. Laboratory measured values are required for TDS unless specific approval to use a calculated value (conversion from EC) is obtained.

<sup>3</sup> Annual domestic well sampling is recommended but is not required and is applicable only where permission is obtained from the owner.

### 5.3. Soil Monitoring

#### 5.3.1. Soil Monitoring Unit Descriptions

Monitoring point serial number	Previous Permit Soil Management Unit Number	Description	Associated Management Unit	Field Designations from LA-000033-01 and LA-000033-02
SU-03301	SU-003316	Pivot #1	MU-03301	9, 15
SU-03302	SU-003317	Pivot #2	MU-03302	14, 10
SU-03303	SU-003318	Pivot #3	MU-03303	1, 2, 3, 4
SU-03304	SU-003319	Pivot #4	MU-03304	11, 12, 13
SU-03305	SU-003305	Pivot #5	MU-03305	5
SU-03306	SU-003306	Pivot #6	MU-03306	6
SU-03307	SU-003307	Pivot #7	MU-03307	7
SU-03308	SU-003308	Pivot #8	MU-03308	8
SU-03309	SU-003309	Pivot #9	MU-03309	9
SU-03310	SU-003310	Pivot #10	MU-03310	10
SU-03311	SU-003311	Pivot #11	MU-03311	11
SU-03312	SU-003312	Pivot #12	MU-03312	12
SU-03313	SU-003313	Pivot #13	MU-03313	13
SU-03314	N/A	Field #14 (When in use)	MU-03314	None
SU-03315	SU-003315	Pivot #15	MU-03315	15

### 5.3.2. Soil Monitoring, Sampling and Analyses

Monitoring point serial number	Sample type	Sample frequency	Constituents (units in mg/kg soil unless otherwise specified)
SU-03301 SU-03302 SU-03303 SU-03304 SU-03305 SU-03306 SU-03307	Composite samples	Annually in March	- pH (standard units) - Plant available phosphorus (Olsen Method) - Nitrate - nitrogen - Ammonium - nitrogen - Electrical conductivity (µmhos/cm in saturated paste extract)
SU-03308 SU-03309 SU-03310 SU-03311 SU-03312 SU-03313 SU-03315		First year of permit only	- Chloride - Percent organic matter (%OM) - Sodium adsorption ratio (unitless) - DTPA-iron - DTPA-Manganese

- a. The number of sample locations specified in the PO or QAPP for each SU shall be sampled. At each location, samples shall be obtained from three depths: 0–12 inches; 12–24 inches; and 24–36 inches or refusal. The samples obtained from each depth shall be composited by depth to yield three composite samples for each soil monitoring unit; one composite sample for each depth.

## 5.4. Crop Monitoring

### 5.4.1. Crop Harvest Monitoring

Associated Hydraulic Monitoring Units	Sample type	Sample Frequency	Parameters <sup>a</sup>
MU-03301 MU-03302 MU-03303 MU-03304 MU-03305 MU-03306 MU-03307 MU-03308 MU-03309 MU-03310 MU-03311 MU-03312 MU-03313 MU-03315	Harvested portion, each crop, from each management unit.  Reported separately by acreage if different crop types are grown on any individual management unit	Each harvest	- Crop type - Harvest date - Sample collection date - Harvested acreage (acres) - As-harvested ('wet') yield in customary harvested units (tons, bushels, cwt, etc.). - As-harvested (field) moisture content (%) - Dry yield (lb and lb per acre)

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

**5.4.2. Plant Tissue Monitoring**

Associated Hydraulic Management Units	Sample Type	Sample Frequency	Parameters <sup>a, b</sup>
MU-03301 MU-03302 MU-03303 MU-03304 MU-03305 MU-03306 MU-03307 MU-03308 MU-03309 MU-03310 MU-03311 MU-03312 MU-03313 MU-03315	Harvested portion, each crop  Reported separately by management unit	Each harvest	- Moisture content (%); - Total Kjeldahl nitrogen (%); - Nitrate nitrogen, as N (ppm) - Phosphorus as P (ppm) - Ash (%)

- a. Report dry-basis results for all parameters except lab moisture content.
- b. In addition to the crop sampling requirements in Table 5.4.1 and Table 5.4.2 above, all constituent uptake values must be accompanied by documentation for each harvest showing crop sampling techniques, appropriate sample hold times, chain of custody forms, transportation methods, appropriate sample storage methods, laboratory sample sheets, and any other information deemed relevant in Section 7.6 of the DEQ Guidance for each individual management unit and each individual harvest.

**5.5. Lagoon Information**

Serial number	Description	Estimated Surface Area, acres	Maximum Operating Volume, MG	Liner Type
LG-03301	Wastewater Storage Lagoon  Short-term or Emergency storage only  Short-term storage is 24 hours or less  Storage between 24 and 48 hours requires DEQ notification for each occurrence, including an explanation of the conditions requiring extended storage  Emergency storage is 48 hours or more. Emergency storage is only allowed following DEQ notification and approval	0.41	702,073	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 hydraulic management units 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
MU-03301 MU-03302 MU-03303 MU-03304 MU-03305	Recycled water loading rate	Million gallons per month, and Inches per month
MU-03306 MU-03307 MU-03308 MU-03309	Irrigation water loading rate	Million gallons per month, and Inches per month
MU-03310 MU-03311 MU-03312 MU-03313 MU-03315	Irrigation water requirement (IWR) for each crop grown	Inches per month, and Total inches applied during the GS
MU-03310 MU-03311 MU-03312 MU-03313 MU-03315	Recycled water nitrogen, phosphorus, and total dissolved solids loading rates	Pounds per acre per year on a monthly basis
MU-03310 MU-03311 MU-03312 MU-03313 MU-03315	Supplemental Irrigation water nitrogen, phosphorus, and TDS loading rates	Pounds per acre per year on a monthly basis
MU-03310 MU-03311 MU-03312 MU-03313 MU-03315	Fertilizer nitrogen and phosphorus application rates, reported separately as elemental N and P	Pounds per acre per year on a monthly basis
MU-03310 MU-03311 MU-03312 MU-03313 MU-03315	Waste solids, nitrogen and phosphorus application rates	Pounds per acre per year on a monthly basis
MU-03310 MU-03311 MU-03312 MU-03313 MU-03315	Crop harvest and yield Report each harvest and the annual totals for each MU.	Crop types harvested Total harvested area (acres) Total 'wet' yield (lb/yr, lb/acre per year) Total 'dry' yield (lb/yr, lb/acre per year)
MU-03310 MU-03311 MU-03312 MU-03313 MU-03315	Crop nitrogen, phosphorus, and ash removal rates (dry-basis) Report each harvest and the annual totals for each MU.	Pounds-N per acre per year Pounds-P per acre per year Pounds Ash per acre per year

### 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 by the Responsible Official 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:
  - 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; and
- c. The written authorization is submitted to DEQ.

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

Engineering Manager  
Idaho Department of Environmental Quality  
Pocatello Regional Office  
444 Hospital Way #300  
Pocatello, ID 83201

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 number I-033-03, 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."*

Permit applications shall include the following certification statement and be signed, dated, and certified by the permittee's Responsible Official:

*"I certify that the information provided in this submittal 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, non-issuance of the permit, or other enforcement action as provided for under Idaho law."*

Other information submitted to DEQ as required by the permit shall include the above certification statement and be signed, dated, and certified by the permittee's Responsible Official or duly Authorized Representative.

## **6.2. Emergency and Noncompliance Reporting**

Report noncompliance incidents to DEQ's regional office at 208-236-6160, or 1-800-655-6160

In case of emergencies, call the emergency 24-hour number at 1-800-632-8000 and DEQ's regional office.

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

All instances of unpermitted discharges of wastewater to Surface Waters of the United States shall also be reported to the Environmental Protection Agency by telephone within 24 hours from the

time the permittee becomes aware of the discharge and in writing within five days at this address:

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. Permit for Use of Industrial Recycled Water

The following are permit requirements for industrial recycled water and are included as terms of this permit as required by the “Recycled Water Rules,” (IDAPA 58.01.17.616).

### 616. PERMIT FOR USE OF INDUSTRIAL RECYCLED WATER.

Industrial recycled water shall only be used in accordance with a permit issued pursuant to these rules. Permit conditions and limitations shall be developed by the Department on a case-by-case basis taking into account the specific characteristics of the wastewater to be recycled, the treatment necessary to ensure the use of such recycled water is in compliance with IDAPA 58.01.11, “Ground Water Quality Rule” and IDAPA 58.01.02, “Water Quality Standards.” Unless otherwise indicated in this section, the permit application, processing and issuance procedures provided in this rule shall apply to industrial reuse permits. (4-7-11)

## 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:
  - 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 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 the United States Environmental Protection Agency (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 which 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 Part 503 and require a DEQ approved sludge disposal plan as outlined in IDAPA 58.01.16.650. Contact DEQ prior to application of biosolids at any permitted reuse facility.

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

Sludge is generated by wastewater treatment processes at municipal and industrial facilities.

**Solid Waste** is any garbage or refuse, sludge from a waste water treatment plant, water supply treatment plant, or air pollution control facility and other discarded material including solid, liquid, semi-solid, or contained gaseous material resulting from industrial, commercial, mining, and agricultural operations and from community activities, but 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 which 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 IDAPA 58.01.06, "Solid Waste Management Rules." Wastes otherwise regulated by DEQ (i.e. this permit) are not regulated under 58.01.06.

**Waste Solids** include sludge and wastes otherwise regulated by DEQ in accordance with IDAPA 58.01.06.001.03.a.xii. Waste solids may include vegetative waste, silt and mud containing organic matter, and other non-inert solid wastes.

Inert wastes are defined as non-combustible, nonhazardous, and non-putrescible solids wastes that are likely to retain their physical and chemical structure and have a deminimis 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. RESERVED**

### **9.1.8. Ground Water Quality Rule (IDAPA 58.01.11)**

The permittee shall comply with the requirements of "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. Compliance with this permit does not relieve the permittee from applicable requirements in other 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**

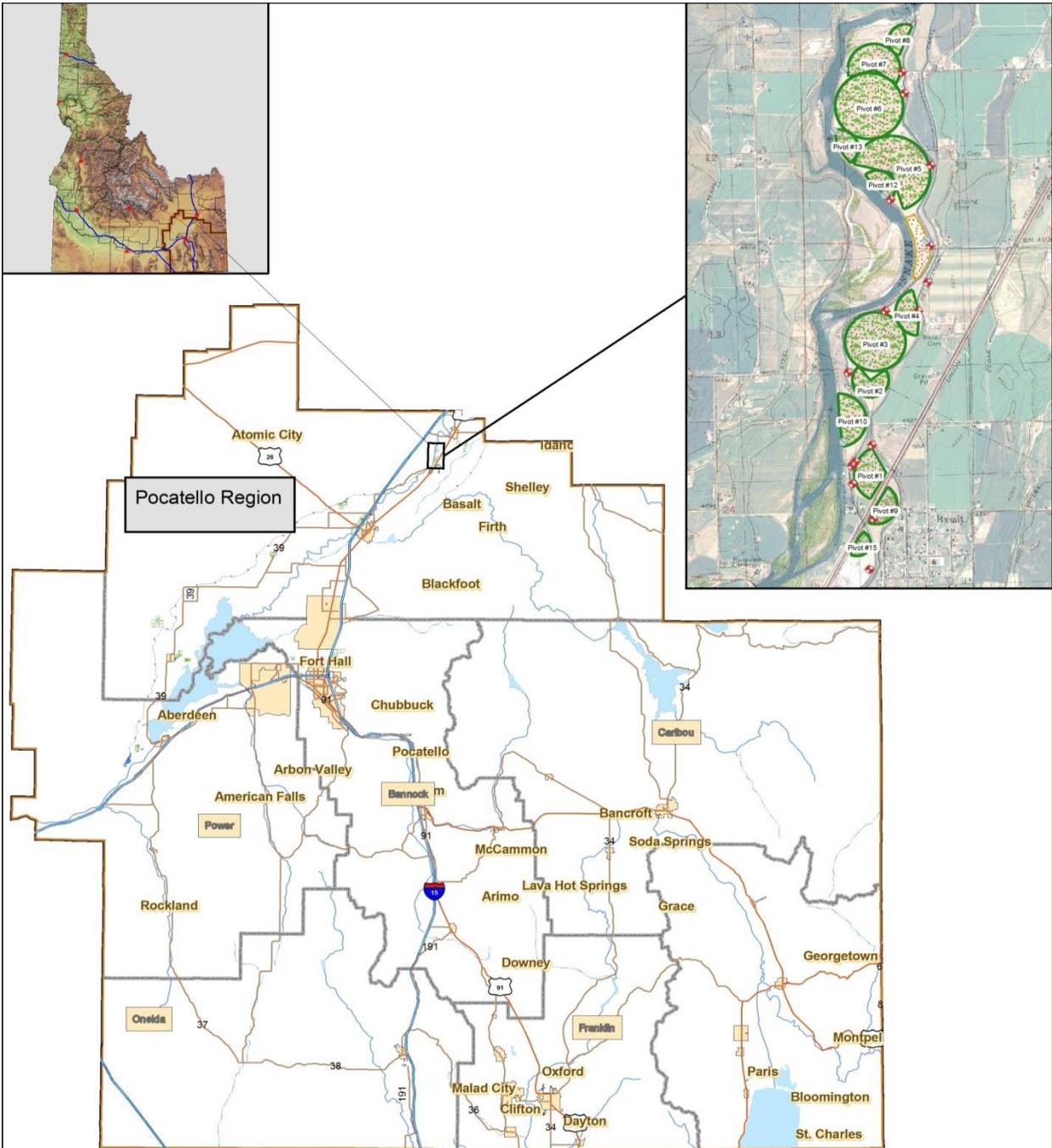
The well owner must maintain the well to prevent waste or contamination of ground waters through leaky casings, pipes, fittings, valves, pumps, seals, or through leakage around the outside of the casings, whether the leakage is above or below the land surface. Any person owning or controlling a noncompliant 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



Prepared by Tom Hepworth, IDEQ using ArcGIS ArcView 9.1  
Projection: Idaho Transverse Mercator (IDTM83) Datum: NAD 1983  
Data Sources: IDEQ SDE and Local Feature Classes and Layers  
Restriction of Liability: Neither the State of Idaho, nor the Idaho Department of Environmental Quality, nor any employees make any warranty, express or implied, or assume any legal liability for the accuracy, completeness or usefulness of information or data provided herein. Metadata is available upon request. No data should be used without first reading and understanding its source, constraints and limitations. Data could include technical inaccuracies or errors. This map or the data used to generate it may be revised, updated or otherwise altered at any time, without prior notice.

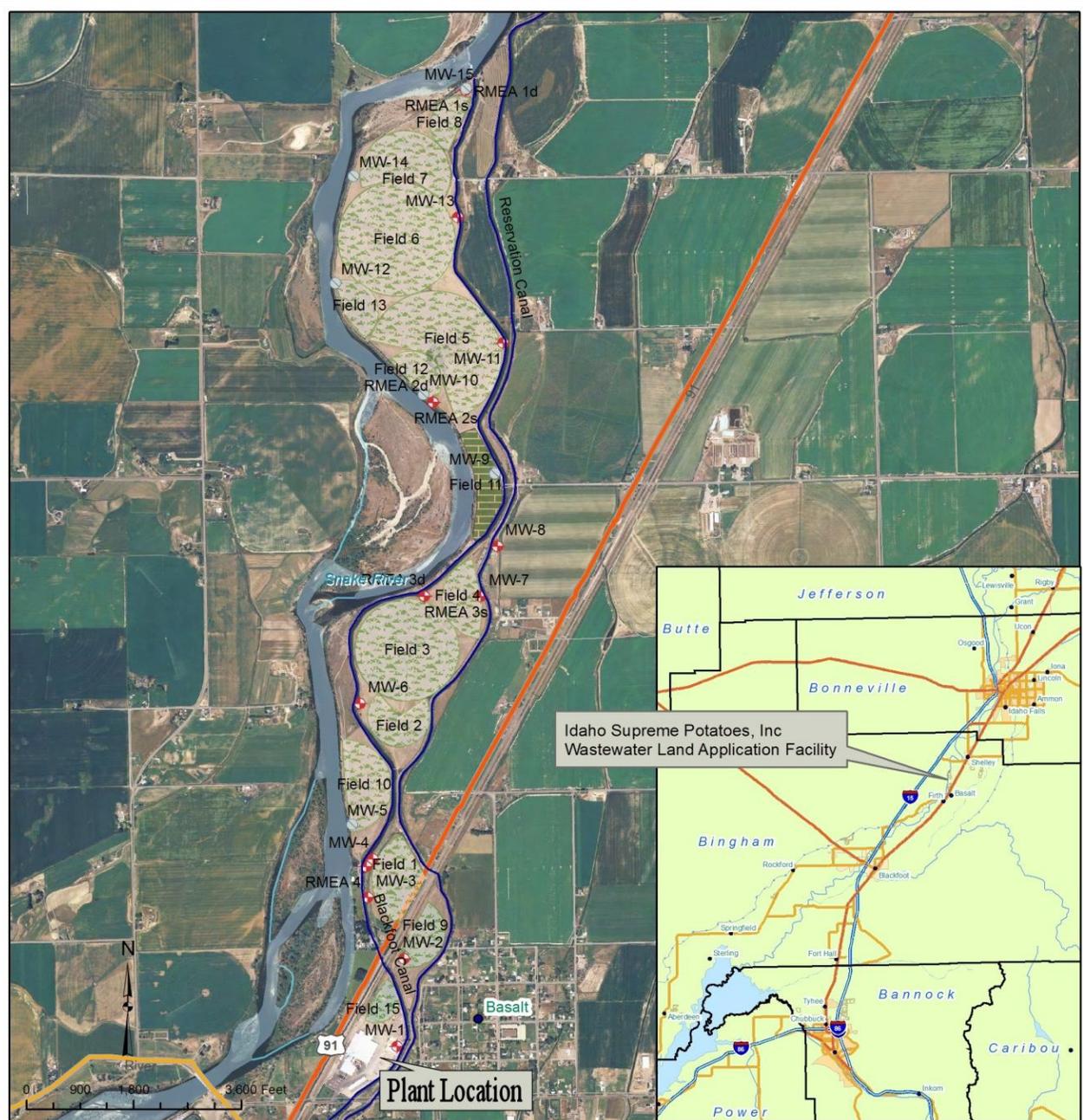
# #LA-000033, Idaho Supreme Potatoes, Inc Vicinity Map



State of Idaho  
Department of Environmental Quality  
444 Hospital Way, #300  
Pocatello ID 83201 236-6160

Wastewater Beneficial Reuse Permitting Program  
Pocatello Regional Office

### 11.2 Facility Map



Prepared by Tom Hepworth, IDEQ using ArcGIS ArcView 9.1  
 Projection: Idaho Transverse Mercator (IDTM83) Datum: NAD 1983  
 Data Sources: IDEQ SDE and Local Feature Classes and Layers  
 Restriction of Liability: Neither the State of Idaho, nor the Idaho Department of Environmental Quality, nor any employee make any warranty, express or implied, or assume any legal liability for the accuracy, completeness or usefulness of information or data provided herein. Metadata is available upon request. No data should be used without first reading and understanding its source, constraints and limitations. Data could include technical inaccuracies or errors. This map or the data used to generate it may be revised, updated or otherwise altered at any time, without prior notice.

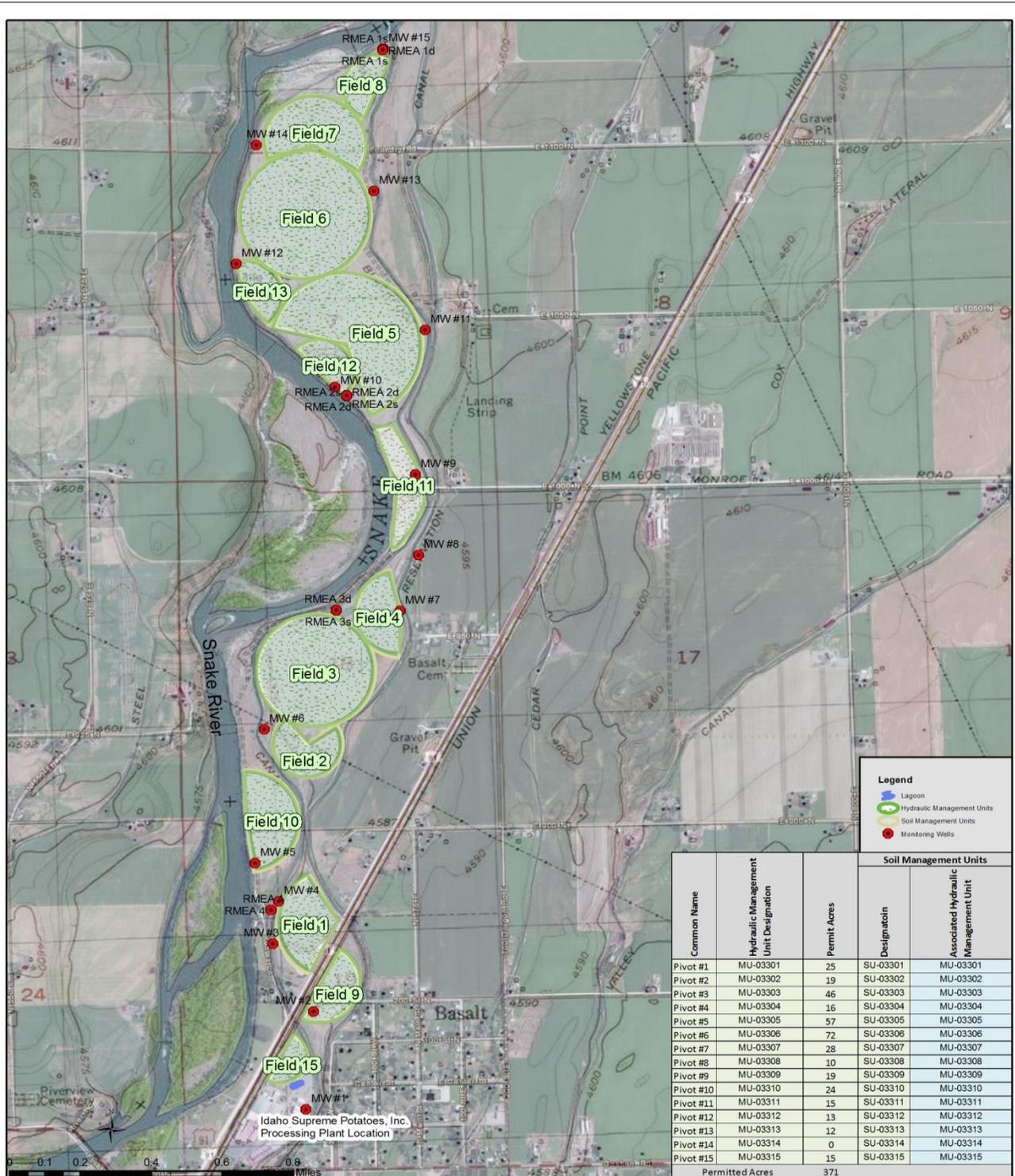
### Idaho Supreme Potatoes, Inc. Vicinity Map



State of Idaho  
 Department of Environmental Quality  
 444 Hospital Way, #300  
 Pocatello ID 83201 236-6160

Wastewater Beneficial Reuse Permitting Program  
 Pocatello Regional Office

### 11.3 Field Map



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Idaho Supreme Potatoes, Inc  
Hydraulic and Soil Management Units