

**MODIFICATION OF REUSE PERMIT
APPENDIX B TO PERMIT I-008-05**

Permittee Name: **J.R. Simplot Company**

Effective Date of this Modification: **July 19, 2016**

Complete Description of Modification

The purpose of this Permit Modification is to update the Responsible Official and make minor changes to the wastewater and soil sampling requirements.

1. Section 1. Common Acronyms/Abbreviations and Definitions shall include the following updated definition for Responsible Official. The definition in the current permit has been removed from the table amended in number 2 of this permit modification.

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.

2. Section 2. Facility Information, lines 5 and 6 are replaced with line 2 of the following:

Information Type	Information Specific to This Permit
Facility Responsible Official and Authorized Representative	Responsible Official: Erik Brandenburg, Plant Director P.O. Box 1059, Caldwell, ID 83606, erik.brandenburg@simplot.com Authorized Representative: John Prigge, Environmental Manager, P.O. Box 1059, Caldwell, ID 83606, 208-780-8628 john.prigge@simplot.com Notify DEQ within 30 days if there is a change in personnel for any of the above facility contacts. A minor permit modification will be issued by DEQ to confirm the change.

3. Section 5.2.1 shall be replaced with the following in order to remove the requirements to monitor each wastewater discharge stream separately. All water from the treatment plant enters the 32.7 MG process lagoon prior to reuse, and the process lagoon water is sampled prior to application to the reuse sites. The permittee monitors all of the wastewater streams for their internal operating and planning purposes, but this information is not required for the reuse permit. Total Dissolved Inorganic Solids (TDIS) was also removed from the monitoring requirements of process and silt water lagoon discharges, as this parameter has been sampled several times during this permit term and further TDIS information, in addition to the similar parameter of non-volatile dissolved solids (NVDS), is not useful at this time.

Monitoring Point Serial Number and Location	Sample Description	Sample Type and Frequency	Constituents (Units in mg/L Unless Otherwise Specified)
WW-000801 – Process Water Effluent from LG-000803	Recycled process water to land application	Composite/monthly (during periods of use)	- Total Kjeldahl nitrogen, as N - Nitrite + nitrate-nitrogen, as N - Total phosphorus, as P - Non-volatile dissolved solids - Chemical Oxygen Demand
WW-000806 – Silt Water Effluent from LG-000802	Recycled silt water to land application	Composite/monthly (during periods of use)	- Total Kjeldahl nitrogen, as N - Nitrite + nitrate-nitrogen, as N - Total phosphorus, as P - Non-volatile dissolved solids - Chemical Oxygen Demand
SW-000801 – Dixie Drain SW-000802 – Pioneer-Dixie Ditch Company	Supplemental Irrigation Water	Grab/monthly (during periods of use)	- Total Kjeldahl nitrogen, as N - Nitrite + nitrate-nitrogen, as N - Total phosphorus, as P - Non-volatile dissolved solids - Chemical Oxygen Demand
SW-000803 – Onsite Drains	As specified per CA-008-03	As specified per CA-008-03	- Total phosphorus, as P

4. Section 5.2.2 shall be replaced with the following for the reasons identified in modification number 3.

Management Unit or Flow Measurement Serial Number and Location	Sample Description	Sample Type and Frequency	Measured Parameters, each MU
FM-000801 FM-000802 FM-000803 FM-000804 FM-000805 – Pump Stations 1-5	Process Water from LG-000803 to land application	- Daily meter reading - Monthly compilation of data	- Volume (MG/month) - Application depth (inches/month)
FM-000806 – Pump Station 6	Silt water at outlet of LG-000802 to land application	- Daily meter reading - Monthly compilation of data	- Volume (MG/month) - Application depth (inches/month)
SW-000801 – Dixie Drain SW-000802 – Pioneer-Dixie Ditch Company	Supplemental Irrigation Water	- Daily meter reading - Monthly compilation of data	- Volume (MG/month) - Application depth (inches/month)

5. Section 5.3.2 shall be replaced with the following in order to correct the months for when to sample in the spring and fall, and to use either Sodium Adsorption Ratio or Exchangeable Sodium Percentage to monitor the effect of non-volatile dissolved solids application on the soil:

Monitoring Point Serial Number	Sample Type	Sample Frequency	Constituents (Units in mg/kg Soil Unless Otherwise Specified)
SU-000809 SU-000810 SU-000811 SU-000815 SU-000816 SU-000817 SU-000819	Composite samples ^a	Semiannually (March/April and November)	- Electrical conductivity (µmhos/cm in saturated paste extract) - Nitrate-nitrogen - Ammonium nitrogen - Plant available phosphorus - pH (standard units)
SU-000820 SU-000821 SU-000822 SU-000823 SU-000824 SU-000825 SU-000826	Composite samples ^a	March/April and November of 2015 and 2019 only	- Percent Organic Matter - Sodium Adsorption Ratio or Exchangeable Sodium Percentage

- 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.

6. Section 6.1.2 Number 8 shall be replaced with the following up to date requirement:
8. Laboratory analytical reports for monitoring specified in Section 5 of the permit, Chain of custody forms, supporting information for laboratory analytical reports, and quality assurance documentation shall be available for review upon request by DEQ.
7. The certification statement in Section 6.1.3 shall be replaced with the following up to date language:

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

“I certify that the information provided in this submittal was prepared in conformance with the Quality Assurance Project Plan required by permit I-008-05 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.

This modification described above and referred to as Appendix B is hereby approved. This appendix to the permit is incorporated into, and constitutes a part of, Reuse Permit I-008-05. This appendix must be attached to the permit. The permit is incomplete and unlawful under IDAPA 58.01.17 *Recycled Water Rules* without this appendix attached.

Signed,



Aaron Scheff
Regional Administrator
Idaho Department of Environmental Quality
Boise Regional Office

Date: 7/19/16