

IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY

REUSE PERMIT

I-063-03 – Modification 4

Permittee Name: The Amalgamated Sugar Company LLC

Effective Date of this Modification: June 26, 2018

Complete Description of Modification

The purpose of this Permit Modification is to allow the Permittee to continue to operate under the current permit for an additional three (3) years so that the facility can complete a wastewater treatment engineering study and DEQ can incorporate any subsequent changes into a permit renewal. This modification also corrects the management unit description to include hand lines where appropriate, makes changes needed to reflect the removal of the cooling ponds and addition of the condensate pond, and adds monitoring well MW-V.

1. Page 1, shall now state: This permit is effective from the date of signature and expires on December 31, 2021.
2. Section 4.1 Hydraulic Management Unit Descriptions. The description of irrigation systems under “Irrigation System Type and Irrigation Efficiency” shall be edited as follows: Field A – Hand and Wheel Lines; Field B – Hand Lines; Field C – Hand & Wheel Lines; Field F West – Hand Lines, Field F East – Hand and Wheel Lines.
3. Section 5.1.1 Constituent Monitoring. Remove monitoring point WW-063-03 for the cooling pond. Change the sampling time of WW-063-04, influent to the flume retention pond, from “November” to “While in service”, and add sampling point WW-063-07 for the condensate pond. Changes shown as follows:

Monitoring Point Serial Number and Location	Sample Description	Sample Type and Frequency	Constituents (Units in mg/L Unless Otherwise Specified)
WW-063-04	Representative sample of influent wastewater quality into the flume retention pond	Grab/Annually: While in service	- chemical oxygen demand (COD) - total Kjeldahl nitrogen (TKN) - ammonia-nitrogen - nitrate-nitrogen - chloride
WW-063-07	Representative sample of influent water quality into the condensate pond	Grab/Annually: November	- sulfate - pH (S.U.) - total dissolved solids (TDS) - volatile dissolved solids (VDS) - iron - manganese - temperature - total coliform (CFU/100 mL)

4. Section 5.2.1 Ground Water Monitoring Point Description. Replace with the following:

Monitoring Point Serial Number	Common Designation	Well Type	Gradient Location
GW-063-05	MW-DM-5	Monitoring well	Down gradient
GW-063-08	MW-B	Monitoring well	Up gradient
GW-063-09	MW-C	Monitoring well	Up gradient
GW-063-13	MW-G	Monitoring well	Down gradient
GW-063-14	MW-H	Monitoring well	Down gradient
GW-063-15	MW-I	Monitoring well	Down gradient
GW-063-16	MW-J	Monitoring well	Down gradient
GW-063-17	MW-K	Monitoring well	Side gradient
GW-063-19	MW-M	Monitoring well	Up gradient
GW-063-45	MW-U	Monitoring well	Down gradient
GW-063-46	MW-A-R	Monitoring well	Up gradient
GW-063-47	MW-T-R	Monitoring well	Down gradient
GW-063-48	MW-V	Monitoring well	Down gradient

5. Section 5.2.2 Ground Water Monitoring, Sampling, and Analysis. Add GW-063-48 to the second row, first column, shown as follows:

Monitoring Point Serial Number	Sampling Point Description	Sample Type and Frequency	Constituents (Units in mg/L Unless Otherwise Specified)
GW-063-05 GW-063-08 GW-063-09 GW-063-13 GW-063-14 GW-063-15 GW-063-16 GW-063-17 GW-063-19 GW-063-45 GW-063-46 GW-063-47 GW-063-48	Monitoring wells	Unfiltered grab sample twice annually (unless otherwise specified): April, October	- water table elevation (ft) - water table depth (ft) - nitrate-nitrogen - dissolved iron - dissolved manganese - chemical oxygen demand (COD) - total dissolved solids (TDS) - chloride - sulfate - temperature (°C) - pH (S.U.)

6. Section 5.5 Lagoon Information. Add the second row of the following table, and remove cooling ponds LG-063-10, LG-063-11 and LG-063-12.

Serial number	Description	Surface Area (acres)	Maximum Operating Volume (MG)	Liner Type
LG-063-18	Condensate Pond	26.1	140.1	HDPE

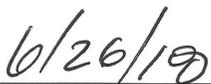
7. The attached map replaces Figure 5, as added in Modification 3 to Section 11 of the Reuse Permit. This map adds GW-063-48 and LG-063-18, and removes cooling ponds LG-063-10, LG-063-11 and LG-063-12.

The modifications described above in this Modification 4 are hereby approved. This modification to the permit is incorporated into, and constitutes a part of, Reuse Permit No I-063-03. This permit modification must be attached to the permit. The permit is incomplete and unlawful under IDAPA 58.01.17, *Recycled Water Rules*, without this permit modification attached.

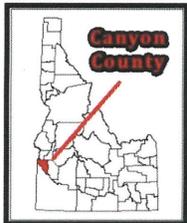
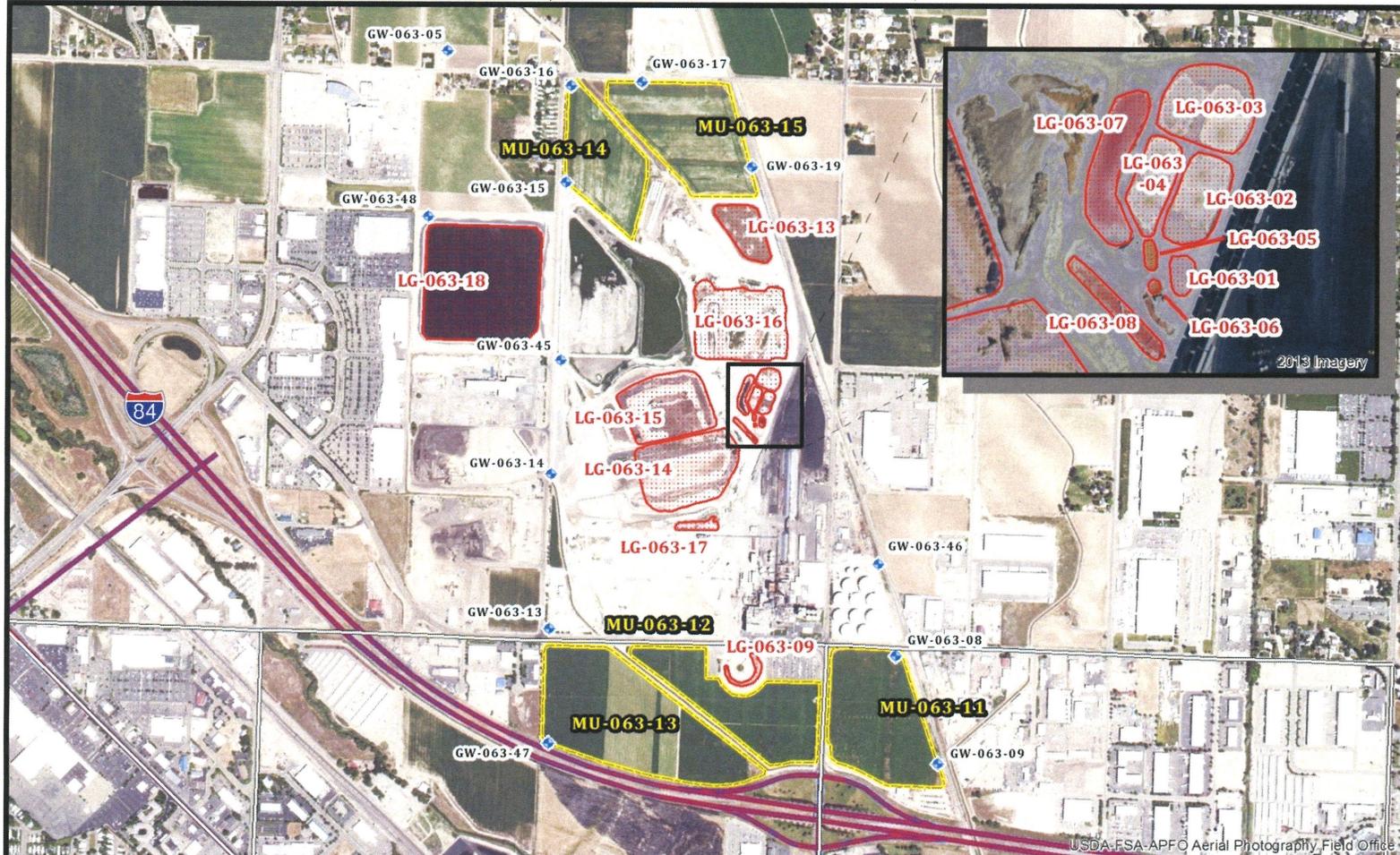
Signed,



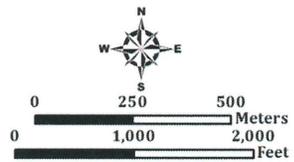
 Aaron Scheff, Regional Administrator
 Boise Regional Office
 Department of Environmental Quality



 Date



The Amalgamated Sugar Company LLC - Nampa Facility
 I-063-03



Legend	
Monitoring Well	Streams/Canals
Highway	Lagoon
Major Roads	Reuse Irrigation