

Idaho Department of Environmental Quality

Reuse Permit

LA-000103-06: Modification 1

Permittee Name: Glanbia Foods Inc. – Gooding Facility

Effective Date of Modification: May 15, 2014

Complete Description of Modification:

- Schedule F. of the reuse permit lists the required buffer zone distances between the land application site and specified objects. The required buffer distance between the Arkoosh site and private wells has been reduced to 300 feet. Except where otherwise indicated in the permit, the following buffer zone distances shall be provided between the Arkoosh site management units and the specified objects:

F. Permit Limits and Conditions: Arkoosh Site Buffer Zones

Management Units	Buffer Distances (in feet) from Hydraulic Management Units					
	Public Water Supply Wells	Private Wells	Inhabited Dwellings	Man-Made Surface Water	Permittee's Property Line	Public Access Points
MU-010321 MU-010322 MU-010325 MU-010326 MU-010327 MU-010328 MU-010329 MU-010330	1,000	<u>300</u>	300	50	50	50

As a condition of the reduction in the required buffer distance between the Arkoosh Site and private wells, Glanbia shall submit annual ground water quality data of all private wells within 500 feet of the Arkoosh site that have a five-year capture zone extending within the boundaries of the land application area. The annual ground water quality data shall include the following parameters: nitrate-nitrogen, total dissolved solids, chloride,

dissolved iron, and dissolved manganese. The annual ground water quality data collected from the private wells shall be submitted with the permittee's annual report. Sampling is not required if the well owner declines. If permission is denied by the owner, Glanbia shall provide documentation signed by the well owner.

2. Table 1.4. Ground Water Monitoring in Appendix 1 of the permit has been updated to include monitoring well GMW10 located downgradient of the Wolfe Site. The new monitoring well has been designated in the permit as serial number GW-010315. In addition, serial numbers GW-0103010 through GW-0103014 have been slightly altered, e.g. GW-0103010 is now GW-010310. The updated Table 1.4 is listed below:

1.4. GROUND WATER MONITORING

Monitoring Point Serial Number	Common Designation	Site	Well Type	Gradient Location
GW-010306	GMW1	Arkoosh	Monitoring well	Upgradient
GW-010307	GMW2	Arkoosh	Monitoring well	Upgradient
GW-010308	GMW3	Arkoosh	Monitoring well	Downgradient
GW-010309	GMW4	Arkoosh	Monitoring well	Downgradient
GW-010310	GMW5	Arkoosh	Monitoring well	Downgradient
GW-010311	GMW6	Wolfe	Monitoring well	Upgradient
GW-010312	GMW7	Wolfe	Monitoring well	Downgradient
GW-010313	GMW8	Wolfe	Monitoring well	Upgradient
GW-010314	GMW9	Wolfe	Monitoring well	Downgradient
GW-010315	GMW10	Wolfe	Monitoring well	Downgradient

3. Site Map No. 2 located in Appendix 2 of the permit has been updated with the correct serial numbers for each of the ground water monitoring wells listed in Table 1.4. The site map has also been updated to show the most current outline of the land application area. The updated site map is attached to this modification.
4. The expiration date of the permit has been changed to May 11, 2019.

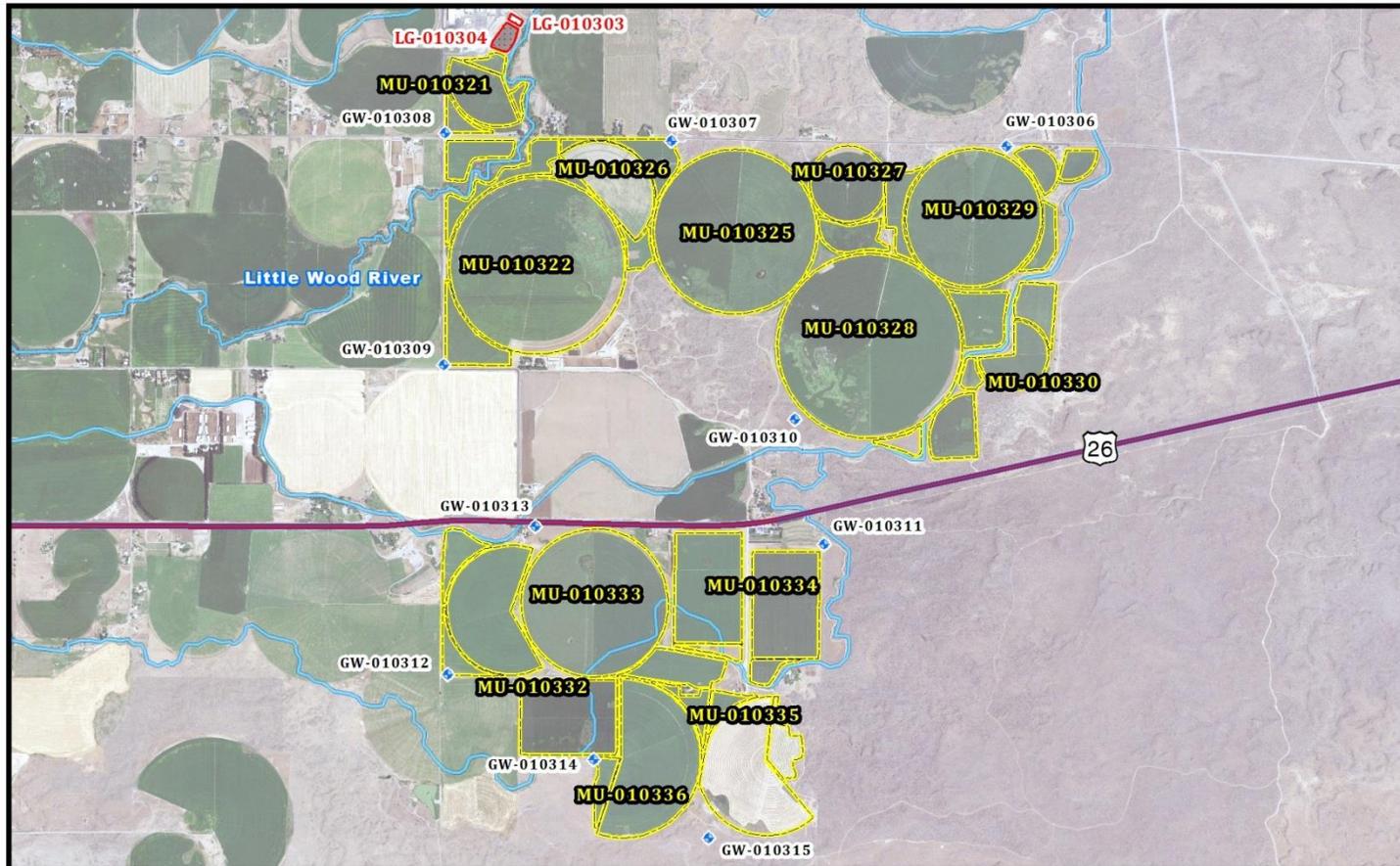
The modifications described above in this Modification 1 are hereby approved. This modification to the permit is incorporated into and constitutes as part of Reuse Permit No. LA-000103-06. The modified permit is incomplete and unlawful under IDAPA 58.01.17 Recycled Water Rules without this modification attached.


Signature

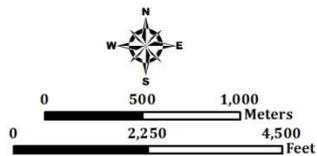
5-15-14
Date

Bill Allred
Regional Administrator
Twin Falls Regional Office
Idaho Department of Environmental Quality

Site Map No. 2



Glanbia Foods, Inc. - Gooding
I-103-06



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

DEQGIS-4-14-2014