
IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY
REUSE PERMIT
I-033-03: Modification 1

Permittee Name: Idaho Supreme Potatoes, Inc., Firth Idaho Facility

Effective Date of Modification: January 4, 2016

Complete Description of Modification:

1. Section 4.1 of the reuse permit lists the management units permitted for recycled water application. The Idaho Department of Environmental Quality (DEQ) has reviewed the acreage values listed in Section 4.1 and Section 4.2 of the current reuse permit for the Idaho Supreme facility. Site acreages have been identified that are less than those listed in the current permit, while others are found to be more acreage than what is listed in the permit. The outcome is that the total permitted acreage will remain unchanged at 356 total permitted acres for recycled water application. The additional 15 acres for MU-03311 that receives no recycled water application remains unchanged.
2. DEQ is issuing a Minor Permit Modification to correct the acreage values on five (5) management units as follows:

MU-03303 will increase from 46 acres to 54 acres.
MU-03305 will increase from 57 acres to 60 acres.

MU-03312 will decrease from 13 acres to 12 acres.
MU-03313 will decrease from 12 acres to 11 acres.
MU-03315 will decrease from 15 acres to 6 acres.
3. DEQ identified that early in the permitting process, the Idaho Supreme facility had asked that the acreage on the pivots corners be included in the total acreage for that pivot. Subsequently, the total acreage was increased from 328 total acres to 371 total acres for the permit issued in 2000. During the most recent permit renewal, DEQ was not made aware of the specific acreage delineations adding certain acreage to the management units. The correct management unit delineations and actual acreage values receiving recycled water were not listed in the permit application materials.

4. DEQ has made corrections to the facility's permit maps to more correctly represent the acreages permitted under each management unit. DEQ has attached our corrected acreage maps, showing the corner acreage that has been included in each of the associated management units. DEQ's analysis and inclusion of additional acreage under the management units corrects the acreages listed in the permit tables that are receiving recycled water. This correction does not substitute for, or imply a professional survey, but it does resolve the issue of the acreages reported incorrectly in Section 4.1 and Section 4.2 of the current permit.
5. This acreage correction will not result in retroactive loading exceedances being suddenly identified as a result of any reduced acreages. Past annual report submittals will not be required to be adjusted to reflect corrected acreage values. There should be no additional work required by the facility, with the exception of adjusting the facility's internal tracking software to make the acreage corrections going forward.
6. Future annual reports will be expected to include the corrected acreage values, but any loading exceedances based on the acreages currently listed will be addressed based on the permitted acreage at the time, until the acreage values are corrected.

The following table shows the corrected acreage values for each management unit. The corrected acreage values are shown in bold. This table will replace the table in Section 4.1 of recycled water reuse permit I-033-03.

4. Permit Limits and Conditions

4.1. Hydraulic Management Unit Descriptions

Serial Number	Description	Irrigation System Type and Irrigation Efficiency	Previous Acreage	Corrected Maximum Acres Allowed ^a
MU-03301	Pivot #1	Pivot ($E_i = 0.80$)	25	25
MU-03302	Pivot #2	Center Pivot ($E_i = 0.80$)	19	19
MU-03303	Pivot #3	Center Pivot ($E_i = 0.80$)	46	54
MU-03304	Pivot #4	Pivot ($E_i = 0.80$)	16	16
MU-03305	Pivot #5	Center Pivot ($E_i = 0.80$)	57	60
MU-03306	Pivot #6	Center Pivot ($E_i = 0.80$)	72	72
MU-03307	Pivot #7	Pivot ($E_i = 0.80$)	28	28
MU-03308	Pivot #8	Pivot ($E_i = 0.80$)	10	10
MU-03309	Pivot #9	Pivot ($E_i = 0.80$)	19	19
MU-03310	Pivot #10	Pivot ($E_i = 0.80$)	24	24
MU-03311	Pivot #11	waste solids management site not used for irrigation	15	15
MU-03312	Pivot #12	Pivot ($E_i = 0.80$)	13	12
MU-03313	Pivot #13	Pivot ($E_i = 0.80$)	12	11
MU-03314	Field #14	Not in Use	0.0	0.0
MU-03315	Pivot #15	Pivot ($E_i = 0.80$)	15	6
Total Irrigated Acres			356	356
Total Permitted Management Unit Acreage			371	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.

The table below will replace the table in Section 4.2 of recycled water reuse permit I-033-03.

4.2. Hydraulic Loading Limits

Serial Number	Growing season hydraulic loading	Non-growing season maximum hydraulic loading inches ³ per acre		
		MU Number	Max. Acres	Inches Per Acre
MU-03301	Substantially at the crop irrigation water requirement (IWR) ^c	MU-03301	25	4.5
MU-03302		MU-03302	19	10.4
MU-03303		MU-03303	54	5.8
MU-03304		MU-03304	16	10.4
MU-03305		MU-03305	60	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	12	10.4
MU-03313		MU-03313	11	5.8
MU-03315		MU-03315	6	4.5

- a. Record daily, as necessary, abnormal conditions as a result of non-growing season on application including ponding, excessive ice buildup, or runoff from the permitted site.
- b. For compliance purposes, the source of P_{ce} data used to calculate the IWR shall be specified in the PO.

The modifications described above in Modification 1 are hereby approved. This modification to the permit is incorporated into and constitutes the correct information in Section 4.1 and Section 4.2 of reuse permit I-033-03, for the Idaho Supreme Potatoes, Inc., Firth Idaho Facility. The modified permit is incomplete under IDAPA 58.01.17, "Recycled Water Rules," without this modification attached.

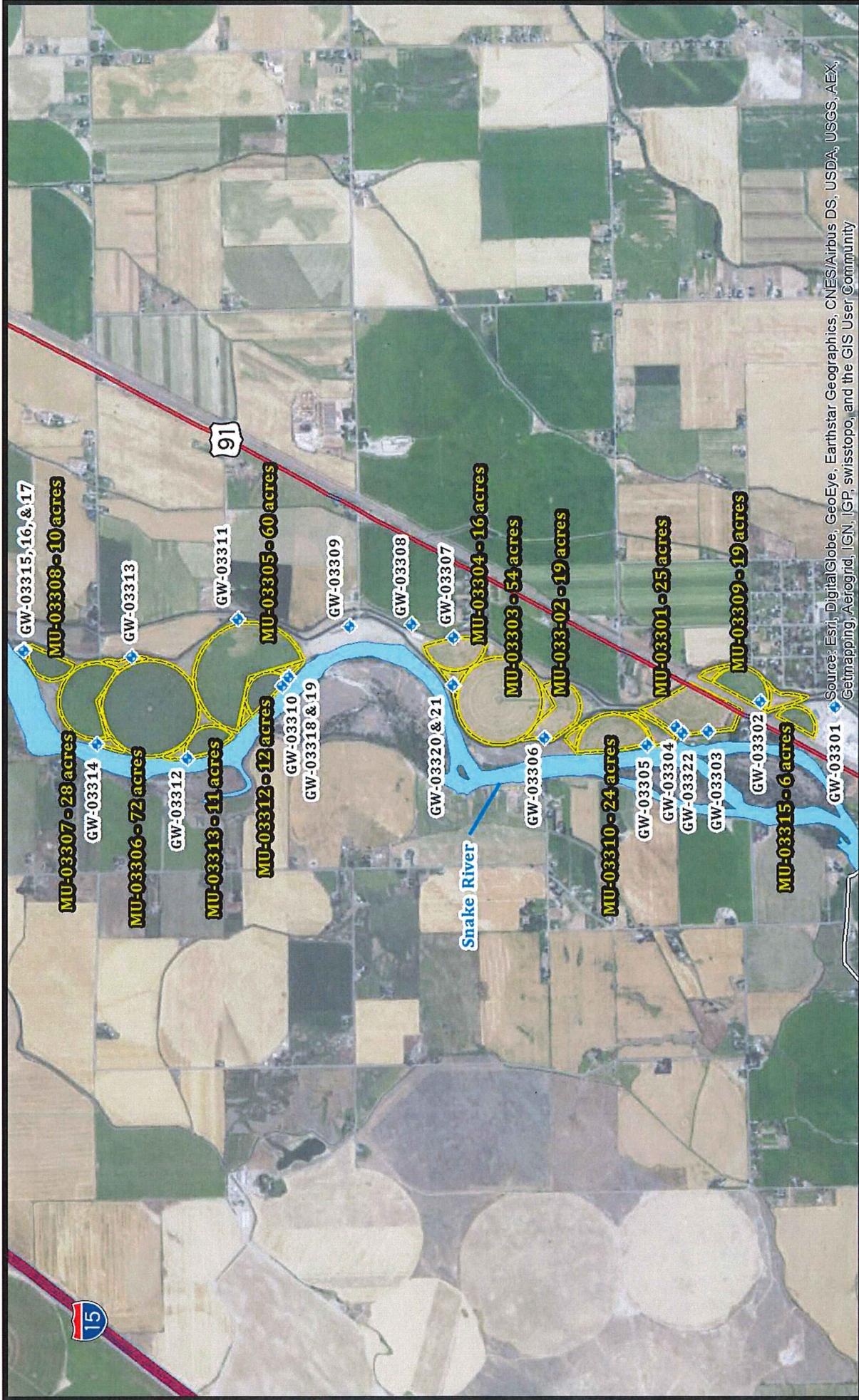
Signature

1-4-16

Date

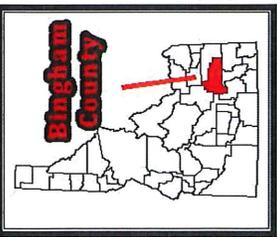
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Pocatello Regional Office

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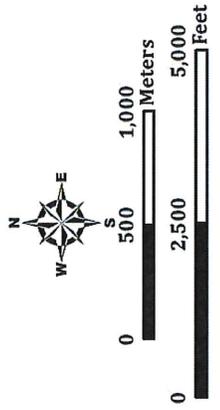
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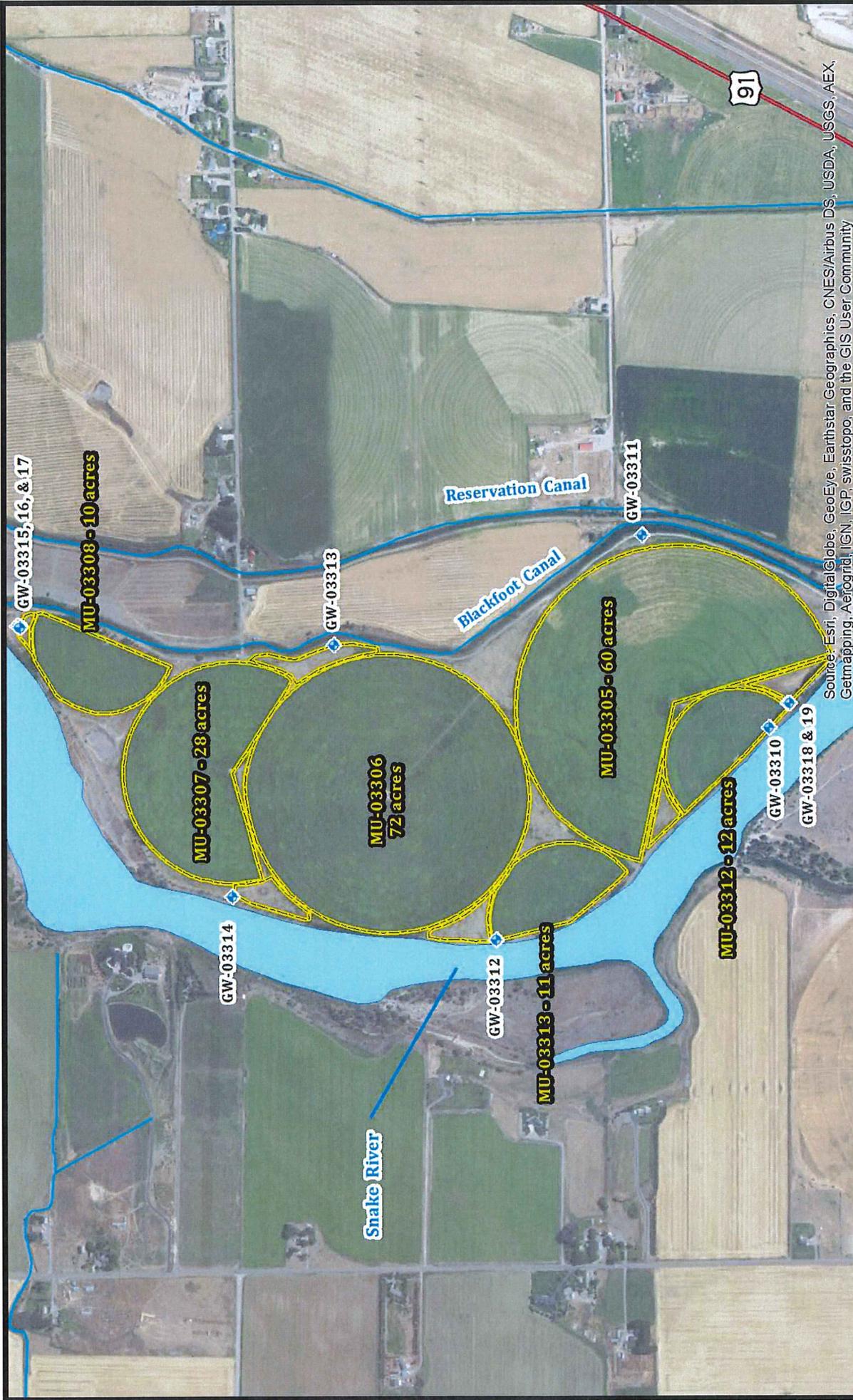
Idaho Supreme Potatoes, Inc
I-033-03



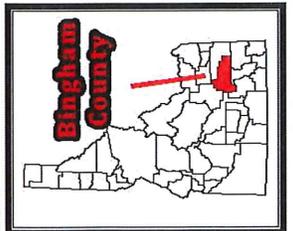
Legend

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



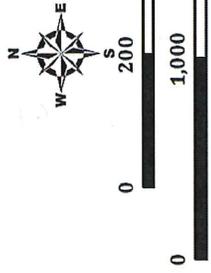


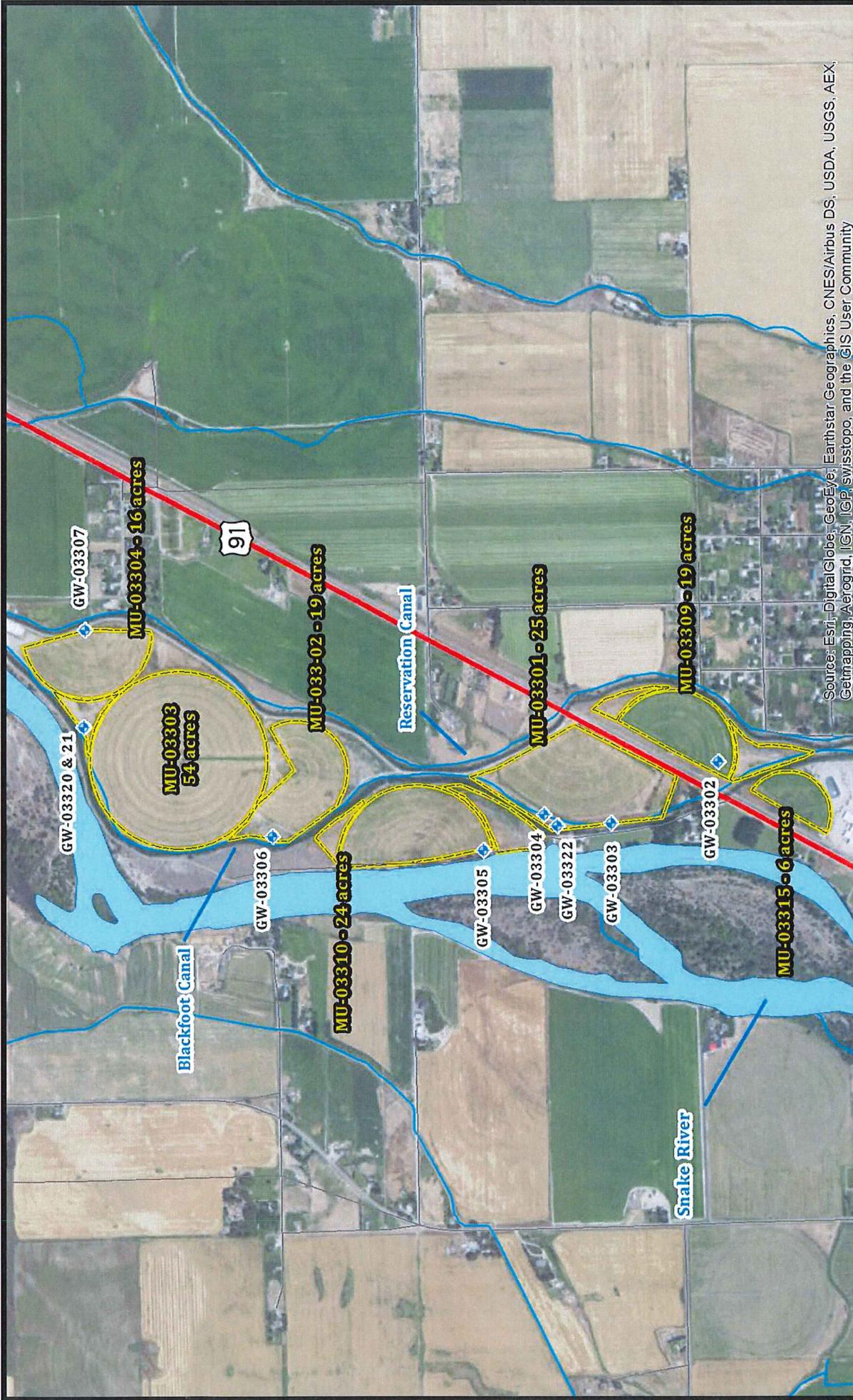
Idaho Supreme Potatoes, Inc
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 North Fields



Legend

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

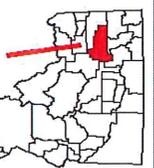




Sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerotrid, IGN, IGP, swisstopo, and the GIS User Community



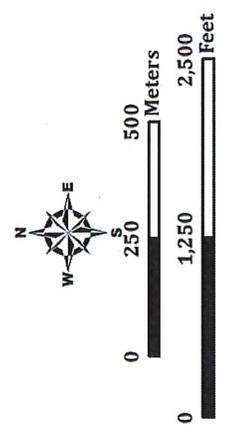
Bingham County





Idaho Department of Environmental Quality

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 South Fields



Legend

◆	Monitoring Well	~	Streams/Canals
~	Highway	~	Lagoon
~	Major Roads	+	Reuse Irrigation