Idahoan Foods, LLC
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Idaho Falls, ID 83402-4972

Idahoan Foods, LLC

New Slice/Piece Line

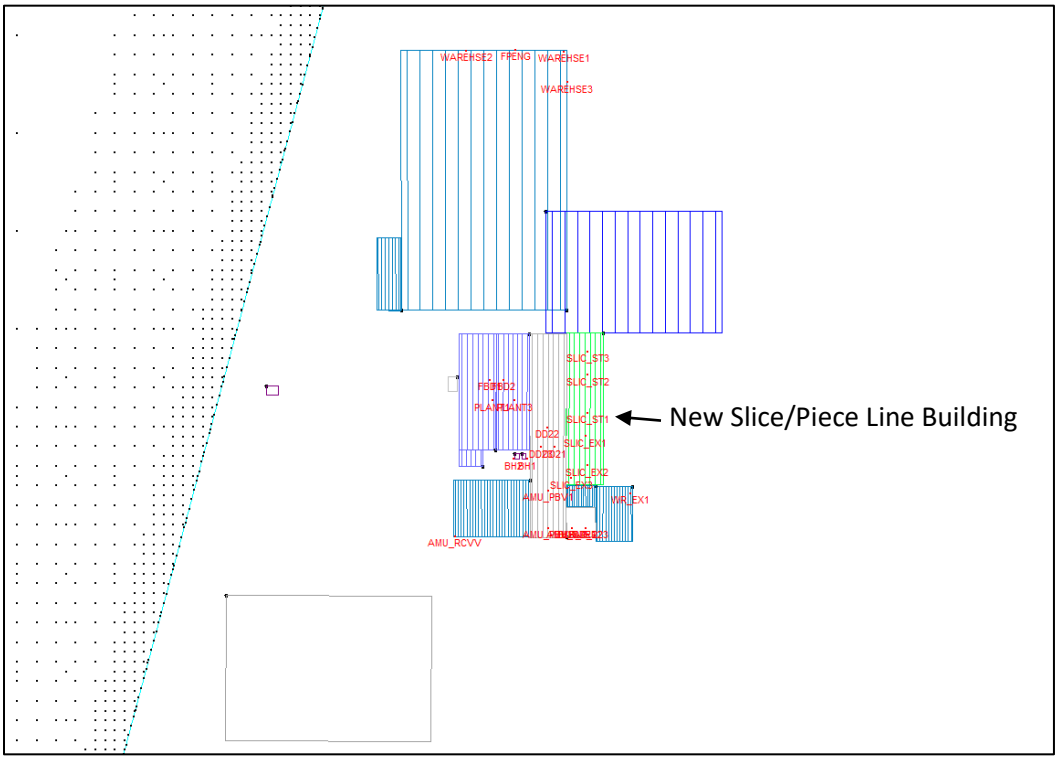
The proposed changes to the facility's current air quality permit, P-2012.0020, Project 61918, issued October 18, 2017 include installing a new Slice/Piece Line and incorporating separate 2022 projects (exempt from permitting) to replace two baghouses.

Slice/Piece Line – New building to be added to the east side of the existing plant.

New Slice/Piece Line bed dryer: 9 zones, 8 with small natural gas-fired heaters

New Air Makeup Unit (AMU): Natural gas fired

Small increase in the use of existing boilers to provide steam for a new steam peeler.



CHANGE IN POTENTIAL TO EMIT

	$PM_{10}/PM_{2.5}$		CO		NOx		SO_2		VOC		Pb
Source	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	T/yr
Pre-Project Emissions (Baseline Actuals)	10.54	25.87	10.66	20.49	14.25	24.47	0.104	0.15	1.33	1.38	1.22E-04
Pre-Project Emissions (Max Capacity- Permitted)	10.54	46.00	10.66	45.47	14.25	54.01	0.104	0.29	1.58	3.70	3.67E-04
Post-Project Emissions (Max Capacity)	**11.42**	**49.86**	**14.84**	**63.78**	**16.15**	**62.31**	**0.117**	**0.34**	**1.70**	**4.24**	**4.16E-04**
Change in Emissions - Baseline Actual to Permitted	0.880	23.99	4.18	43.29	1.89	37.83	1.34E-02	0.20	3.66E-01	2.86	2.94E-04
Change in Emissions - Permitted to Permitted	**0.880**	**3.86**	**4.18**	**18.30**	**1.89**	**8.30**	**1.34E-02**	**0.06**	**1.23E-01**	**0.54**	**4.89E-05**

Atmospheric Dispersion Modeling: All sources at the plant were included in the modeling, which demonstrated that maximum ambient impacts, plus representative background concentrations, were less than applicable National Ambient Air Quality Standards (NAAQS) and Idaho toxic air pollutant increments.