

December 10, 2013

Mr. Jim Leier  
State of Washington  
Department of Ecology  
15 W Yakima Ave. Ste 200  
Yakima, Wa 98902-3452



RE: Amended Application for Discharge of Wastewater to Land (Dust Abatement)

Please review the parts of the application provided that were missing or lacking important details.

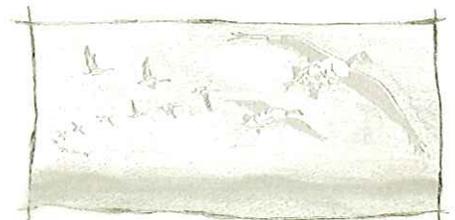
1. Section C #3 information has been corrected and updated.
2. Section F – Ground Water information has been attached with Water Well Reports attached for the wells under our control on the properties, see the attached topo map with well locations. We have attached well reports of our neighbors as listed:

Harold Haptonstall #AFS937	Static level = 350 ft
Rich & Crystal Rucker #W057850	Static level = unknown – S/B 350 ft
Laurel McKeehan APT#200	Static level = 318 ft -- There is No Open Well
Kathy Walker/Terry Davis	Static level = 450 ft
Bill Springfella #204527	Static Level 140 ft -- There is No Open Well
Gene Cook	Static level 40 ft -- There is No Open Well
Litchfield	Static Level 49 ft -- There is No Open Well
Herb Everett	Static Level 20 ft -- This is no Open Well

3. Section G – Site information has been filled out for the proposed discharge to land. See the attached topo map with the roads mapped out. See the legends on the map. We have 60 miles in roads or 101 acres for the application.

Hydro-geological information has been supplied from various organizations:

- a. Geology of Washington-Columbia Basin. This is modified text from “Lasmanis, Raymond, 1991, The geology of Washington Rocks and Minerals.



b. DNR – Index to Geologic and Geophysical Mapping of Washington, Part II—  
Theses, 1901 to 2001. See the mapping for Goose Hill and other related area provided  
from the mapping plates.

c. Stratigraphy and Structural Geology of Portions of South-Central Washington as  
provided by the Washington State Library in Olympia. I have included copies of the  
Introduction, Abstract, Index and a few pages of information concerning our area. I  
have files containing 14MB of the thesis, if you want this sent, let me know.

d. DNR – Geologic Guide to the Yakima Valley Wine-Growing Region, Benton &  
Yakima Counties, Washington.

4. Section G #2 – SEPA review. I made an inquiry to the Benton County Planning  
Department. Mr. Clark Posey, Senior Planner, said no SEPA would be required for this  
type of application.

5. Section I – Other Information. See diagram of the Winery wastewater flow chart and  
water balance information.

6. See the attached Soil Map, pulled from USDA NRCS website. The area of interest is  
marked with a Blue line, soil information highlighted in Orange.

7. Site information has been filled out for the proposed discharge to land. See the  
attached topo map with the roads mapped out. See the legends on the map. We have  
60 miles in roads or 101 acres for the application for dust abatement.

8. See the wastewater sample from Cascade Analytical.

9. Section C – Plant Operational Characteristics #7. See the updated information. We  
are requesting approx. 3,939 gallons per day, to be spread on 101 acres of roads, or  
39 Gal/Day/Ac.

Please review the attached information to Amend the Application for consideration of  
approval.

Regards,



Bill Monson, Owner  
Monson Bulk Crush Facility  
Goose Ridge Vineyards

**SECTION C. PLANT OPERATIONAL CHARACTERISTICS**

1. For each process listed in B.1 that generates wastewater, list the process, assign the waste stream a name and ID #1, and describe whether it is a batch or continuous flow.

Process	Waste Stream Name	Waste Stream ID#	Batch (B) or Continuous (C) Process
<i>Receiving raw potatoes (Example)</i>	<i>Mud Water</i>	<i>I</i>	<i>C</i>
Process Wastewater	Evaporation Lagoon	1	Batch

2. On a separate sheet, produce a schematic drawing showing production processes and water flow through the facility and wastewater treatment devices (*label as attachment C2*). The drawing should indicate the source of intake water and the operations contributing wastewater to the effluent and should label the treatment units. Construct the water balance by showing average flows between intakes, operations, treatment units, and points of discharge to land. If a water balance cannot be determined (*e.g., for certain mining activities*), provide a description of the nature and amount of any sources of water and any collection or treatment measures.

- 3. What is the highest daily discharge flow from the processing facility: 6,485 gallons per day  
 (Specify the time period for the value given) October
  
- What is the highest daily discharge flow to the sprayfields/intiltration basin: Gal/Day/Ac OR  
 (Specify the time period for the value given) October  
6,485 gallons per day
  
- What is the highest average monthly discharge flow (daily flows averaged over a month) from the processing facility: 5,649 gallons/day - October  
 (Specify the time period for the value given)
  
- What is the highest average monthly discharge flow to the sprayfields: 39 Gal/Day/Ac OR 820  
 (Specify the time period for the value given) October  
3,939 gallons per day

4. Describe any planned wastewater treatment or sprayfield/infiltration improvements and the schedule for the improvements or changes. (*Use additional sheets, (necessary and label as attachment C4.)*)

All waste water is screened through a 20 mesh screen. Dust Abatement Road = 101 acres.

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5. If production processes are subject to seasonal variations, provide the following information. List discharge for each wastestream in gallons or million gallons per month. The combined value for each month should equal the estimated total monthly flow. Please indicate the proper unit by checking one of the following boxes:

X gallons per day

Waste Stream IDA(	MONTHS											
	J	F	M	A	M	J	J	A	S	O	N	D
#1 (Example,)	1000	1000	1000	1000	6000	2000	2000	2000	1000	1000	5000	4000
Evaporatt ion Lagoon	4670	5364	4081	4339	4566	5197	4006	4730	4777	5648	4976	4500
<b>Estimated total gallons</b>												

6. If this is a discharge from the processing facility to a storage or evaporative lagoon, what is the size of the lagoon (give square footage for the bottom of the lagoon and the total volume of the lagoon at full operating depth). 10,000 square feet; 10 million gallons (Example)

1000 sq ft. 1,000,000 gallons

7. Check the applicable box. Is this is a discharge to a sprayfield for an infiltration bed X? Provide the average gallons per acre per day proposed for each month in the following table.

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept.	Oct	Nov	Dec
Estimate d gallons per ACM per day	39	39	39	39	39	39	39	39	39	39	39	39

8. How many hours a day does this facility typically operate? 8 non Crush 15 Crush  
 How many days a week does this facility typically operate? 5 non Crush 7 Crush  
 How many weeks per year does this facility typically operate? 51 week/year

9. List all incidental materials such as oil, paint, grease, solvents, and cleaners that are used or stored on site (list only those with quantities greater than 10 gallons for liquids and 50 pound quantities for solids). For solvents and solvent-based cleaners, include a copy of the material safety data sheet for each material and estimate the quantity used. *Use additional sheets, if necessary and label as attachment C.7.)*

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