

# Permit Compliance Inspection Report

## Water Quality Program

### Central Region Office

#### A. General Information

Facility Name & Address: Iron Horse Brewery Inc  
1621 Vantage Hwy  
Ellensburg, WA 98926

Permit Type: State Waste Discharge IP Only      Permit Number: ST0501278

Permit Effective Dates: 11/1/2019 to 10/31/2024

Date of Inspection: 5/15/2024

Inspection Duration: 9:51 AM to 11:01 AM

Discharge to: Ellensburg POTW

Type of Inspection: Announced  
Compliance Inspection - Without Sampling

Photographs Taken: ☒ Yes ☐ No      Samples Taken: ☐ Yes ☒ No

#### B. Personnel Information

Ecology Representative(s): Stephanie Giesin (Lead Inspector)  
Eliel Cruz-Brito – Communication and Educational Outreach Specialist

Facility Representative(s): Greg Parker - Vice President  
Phone: 509-607-0545 Email: greg@ironhorsebrewery.com  
Jake Fleming – Head Brewer  
Phone: N/A Email: jake@ironhorsebrewery.com

Responsible Party/Official: Greg Parker  
1621 Vantage Hwy  
Ellensburg, WA 98926  
Phone: 509-607-0545 Email: greg@ironhorsebrewery.com

Inspector Signature(s)



5/16/2024

Stephanie Giesin (Author)      Date  
Permit Developer/ Permit Manager

Management QA Reviewer Signature



5/26/2024

Andrea Jedel      Date  
Industrial Unit Supervisor

### C. Facility Description & Background

The purpose of this inspection was to get a walkthrough of the facility since this was my (Stephanie Giesin) first inspection of this facility since I took over permit management earlier this year. The facility has submitted a renewal application and Ecology has provided comments and is waiting to receive a completed application. The permit expiration date is October 31, 2024. The last inspection at this facility was on April 30, 2018.

### D. Inspection Narrative & Observations

Eliel and I met Greg in the Tap Room. We did brief introductions, and I explained my history working for Ecology as I first managed two general permits and now write and manage individual industrial wastewater permits. Greg had questions about limits for pollutants in permits like BOD and TSS and facilities requiring permit coverage. I told Greg each facility is different in the way they operate whether they are discharging to a Publicly Owned Treatment Works (POTW), discharge to surface waters, or ground waters. Also, wastewater loading will be different for flow and loading concentrations of pollutants. I told him any facility discharging to waters of the State (Chapter 90.48 Revised Code of Washington) would need to complete a permit application for Ecology to review and determine permit applicability. Greg mentioned permit fees and I told him if he had questions or concerns about fees, he would need to talk to the WQ Fee Unit. Greg asked about other larger breweries having permits. I told him we do have a few other breweries that are permitted, but I am not sure which ones as I do not manage those permits. I mentioned to him that cideries and breweries were brought up in the context of the Winery General Permit to be added on, but I do not know where that stands as I no longer manage that general permit.

#### 1. Site Walkthrough

Jake took us outside to see the catch basin which is cleaned out every 2 weeks and the lift station to the left of the catch basin. Jake said the lift station just got new lining. Jake said all the floor drains inside the facility go to the catch basin and water goes through the pH treatment tank. The pH treatment tank is located outside to the west of their production building. They have a Webmaster control system to monitor their pH and dose with acid or caustic for pH adjustment before discharging to the Ellensburg POTW. Jake showed the process of brewing beer from beginning to end from grain processing to packaging their beer. The spent grain is taken to PNW beef for cattle feed. Greg asked if there were other labs in the area besides Eurofins. I told him I could follow up on that and let him know.

Greg said he still had documents to submit for his renewal application. I told him to review the schematic diagram example shown in the permit application.

We thanked Greg and Jake for their time, and I provided my business card to them. We left the facility at 11:01 am.

If you have any questions or concerns regarding this inspection report, please contact Stephanie Giesin at 509-504-0172 or [stephanie.giesin@ecy.wa.gov](mailto:stephanie.giesin@ecy.wa.gov).

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**Photo 1 [IMG\_0431]**  
**Description:** Catch basin on the right next to the kegs and the lift station to the left of the catch basin



**Photo 2 [IMG\_0432]**  
**Description:** pH treatment tank



**Photo 3 [IMG\_0434]**  
**Description:** Web Master to monitor pH, pH probe, flow meter located above – with caustic and acid dosing tanks on either side



**Photo 4 [IMG\_0435]**  
**Description:** Wort pool tank





**Photo 5 [IMG\_0436]**  
**Description: Fermentation Tanks**



**Photo 6 [IMG\_0437]**  
**Description: Centrifuge**



**Photo 7 [IMG\_0438]**  
**Description: Canning**



**Photo 8 [IMG\_0439]**  
**Description: Packaging**