



STATE OF WASHINGTON  
**DEPARTMENT OF ECOLOGY**

Eastern Region Office

4601 North Monroe St., Spokane, WA 99205-1295 • 509-329-3400

May 19, 2022

Kevin Barron  
Plant Manager  
Kaiser Aluminum Washington, LLC  
P.O. Box 15108  
Spokane, Washington 99215-5108

RE: Clarification and Correction to National Pollutant Discharge Elimination System (NPDES)  
Permit WA0000892

Dear Kevin Barron:

The Department of Ecology corrected a typographical error to the Kaiser Aluminum Washington NPDES permit WA0000892. The change made to the permit is explained below:

Page 12, under table 9, Final Discharge to Spokane River – Outfall 0001

- Cadmium (total) was added to the 2/year monitoring schedule. Cadmium has an effluent limit in Section S1 of the permit, the parameter was accidentally left out of the table.

The corrected page is enclosed. Please replace the current page with the corrected version. Since this constitutes a minor modification under 40 CFR Part 122.63, we are correcting the typographical error with no public comment period.

Please contact Pat Hallinan at (509) 329-3500 or by email at [phal461@ecy.wa.gov](mailto:phal461@ecy.wa.gov) if you have questions about this permit correction.

Sincerely,

Shara Joy  
Water Quality Program  
Eastern Regional Office

SJ:sj

Enclosure (Corrected permit page)

cc: Brent Downey, Kaiser Aluminum Washington, LLC  
Pat Hallinan, WQP Permit Manager, Ecology Eastern Region  
Art Jenkins, PE, WQP Permit Unit Supervisor, Ecology Eastern Region  
Adriane P. Borgias, WQP Section Manager, Ecology Eastern Region

Parameter	Units & Speciation	Minimum Sampling Frequency <sup>a</sup>	Sample Type <sup>b</sup>
Total Reactive Phosphorus (as P)	lbs/day	2/week	Calculated <sup>e</sup>
CBOD <sub>5</sub>	mg/L	2/week	24-Hour Composite <sup>c</sup>
CBOD <sub>5</sub>	lbs/day	2/week	Calculated <sup>e</sup>
CBOD <sub>5</sub> <sup>d</sup>	lbs/day	1/month	Calculated <sup>e</sup>
Ammonia (as N)	mg/L	2/week	24-Hour Composite <sup>c</sup>
Ammonia (as N)	lbs/day	2/week	Calculated <sup>e</sup>
Ammonia (as N) <sup>d</sup>	lbs/day	1/month	Calculated <sup>e</sup>
Hardness (as CaCO <sub>3</sub> )	mg/L	1/month	24-Hour Composite <sup>c</sup>
Total Alkalinity (as CaCO <sub>3</sub> )	mg/L	1/month	24-Hour Composite <sup>c</sup>
Arsenic (total)	µg/L	1/quarter <sup>g</sup>	24-Hour Composite <sup>c</sup>
Cadmium (total)	µg/L	2/year <sup>h</sup>	24-Hour Composite <sup>c</sup>
Total PCBs (sum of aroclors) <sup>f</sup>	µg/L	2/year <sup>h</sup>	24-Hour Composite <sup>c</sup>

Footnotes for Final Discharge to Spokane River Monitoring Table:

<sup>a</sup> Continuous means uninterrupted except for brief lengths of time for calibration, power failure, or unanticipated equipment repair or maintenance. The time interval for the associated data logger must be no greater than 30 minutes. The Permittee must sample insert or describe Frequency when continuous monitoring is not possible.

<sup>b</sup> pH - the Permittee must record and report the:

- Number of minutes the pH value measured between 5.0 and 6.0 and between 9.0 and 10.0 for each day.
- Total minutes for the month.
- Monthly instantaneous maximum and minimum pH.

If multiple excursions occur during the day, note the duration for each excursion in the notation field in the parameter notes.

<sup>c</sup> 24-Hour Composite means a series of individual samples collected over a 24-hour period into a single container, and analyzed as one sample.

<sup>d</sup> 1/month loading - Total Phosphorus, Ammonia and CBOD<sub>5</sub> lbs/day (1/month) is a running total calculation for during the critical season. Report the running daily average load for 2/week samples for the March 1 through October 31 season.

<sup>e</sup> Calculated means figured concurrently with the respective sample, using the following formula:

$$\text{Concentration (in mg/L)} \times \text{Flow (in MGD)} \times \text{Conversion Factor (8.34)} = \text{lbs/day}; \text{ or}$$

$$\text{Concentration (in ng/L)} \times \text{Flow (in MGD)} \times \text{Conversion Factor (3.7854} \times 10^{-3}) = \text{g/day}$$

<sup>f</sup> Final Discharge to Spokane River – Outfall 0001, PCB compliance monitoring. Test using EPA Method 608.3.