



June 9, 2021

Addendum for the Kolene Process Cistern Wastewater Discharge – Permit # ST0007380

During the course of daily operations in the Kolene treatment area of the foundry, routine housekeeping is performed to keep the floors of the area inside the containment clean and free of ceramic, sodium and potassium hydroxide salts and dirt that may accumulate in this area. The area is generally swept and this material is disposed of in a 55 gallon drum that is then used for satellite storage for the waste salts and ceramic from the operation. After that, the floor is hosed down to remove any residual material that may remain and this water accumulates in a large cistern that is under the floor. Three to four times per year the contents of the cistern is pumped out, the water is neutralized to a pH of 7, then the water is filtered and discharged to the sewer.

This discharge point has never been identified under our current or our previous permits from the Department of Ecology. The source water had been historically tested and was found to not contain the metals that we were primarily monitoring. This source was found to be above the local discharge limits for Nickel and Zinc in the last discharge that was submitted to Ecology in preparing this permit renewal application. After discussion with Ecology and the City of Arlington wastewater treatment plant supervisor, we have added this point as a discharge location in the new draft permit and it will be monitored on a batch basis to determine the proper treatment and disposal of this waste stream going forward. If the wastewater, after being neutralized and filtered, has any of the regulated constituents above the categorical or local discharge limits, this water will be profiled, manifested and shipped off-site as state regulated waste. Clean Harbors is our hazardous and state dangerous waste transporter and disposal company.

If the water meets the standards for discharge, it will be discharged directly to the sewer system and the total volume of water will be logged and reported in the monthly discharge report that is provided electronically to Ecology and to the City of Marysville.

Respectfully submitted,

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Addendum Information for Kolene Cistern Discharge - Draft Permit - 060921 JMc