



August 7, 2019

Jeremiah Wendt  
Public Works Director  
156 E 1<sup>st</sup> St.  
New Richmond, WI 54017

RE: New Richmond City Landfill #2492  
1935 115<sup>th</sup> Street, New Richmond  
BRRTS# 02-56-000097

Dear Mr. Wendt;

Thank you for the submittal of the 2018 Annual Monitoring Report (Report) for the New Richmond Closed landfill located at 1935 115<sup>th</sup> Street, New Richmond. The Report was prepared and submitted by GHD for the New Richmond Landfill Settling PRP Group.

The New Richmond Landfill was purchased by the City of New Richmond from St. Croix County in November 1975 and licensed on October 1, 1976. The Landfill was constructed, operated, and closed by the City by August 1, 1982. Approximately 163,000 cubic yards (CY) of waste were disposed of at the Site in an area approximately 7.6 acres in size.

During groundwater monitoring of Site monitoring wells in 1999, several volatile organic compounds (VOCs) were detected in concentrations exceeding State of Wisconsin ch. NR 140 Enforcement Standards. Residential well monitoring was conducted at residence down-gradient of the Site in 2000, revealing chlorinated VOCs at concentrations exceeding enforcement standards. Activated carbon systems were subsequently installed at eleven residences.

The selected remedy for the landfill was divided into OU-1 and OU-2. OU-1 included upgrading the cover, installing and operation of a soil vapor extraction (SVE) system and installing and operating a landfill gas extraction system within the waste. OU-2 remedy selected had two components, aquifer restoration and water supply. OU-1 and OU-2 monitoring are conducted in accordance with the Operation, Maintenance and Monitoring (OM&M) Plan (April 2008) and subsequent revisions. The water supply portion of OU-2 of the remedy was addressed separately.

The groundwater monitoring was conducted in May 2018 and November 2018. Groundwater samples collected were analyzed for VOCs. The primary VOCs identified in groundwater are 1,1,1-trichloroethane (1,1,1-TCA) and its degradation product 1,1-dichloroethane (1,1-DCA); neither VOC exceeded the Wisconsin Enforcement Standards (ES) of 200ug/L and 850ug/L. Highest concentrations were found at MW-10A. Overall concentrations continue to decrease with distance from the landfill.

The department agrees with the presented conclusions and recommendations except for reducing and or eliminating sampling at MW-15 through MW-19. Based on historic sampling PFAs detections have been identified. It is the recommendation of the department to conduct an initial sampling for PFAs at all current

monitoring wells prior to changing the sampling frequency. A recommendation to conduct this during the November 2019 sampling event would allow time for adjustments to the 2020 sampling schedule.

If you have any questions or concerns please reach out to me by phone, email or we can discuss in person if you wish.

Sincerely,

A handwritten signature in black ink that reads "Candace Sykora". The signature is written in a cursive, flowing style.

Candace Sykora  
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Department of Natural Resources  
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[Candace.sykora@wisconsin.gov](mailto:Candace.sykora@wisconsin.gov)