



# Oregon

Kate Brown, Governor

## Department of Environmental Quality

Northwest Region

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July 21, 2016

Eric Durrin, Vice President/Controller  
Bullseye Glass Co.  
3722 SE 21<sup>st</sup> Avenue  
Portland, Oregon 97202

**Re: Stormwater and Sediment Sampling Results, Northeast Drywell  
Bullseye Glass, 3722 SE 21<sup>st</sup> Avenue, Portland, Oregon  
UIC Facility No. 11228**

Dear Mr. Durrin,

On June 23, 2016, the Department of Environmental Quality (DEQ) collected a stormwater sample and a sediment sample from a drywell located in the northeast corner of the Bullseye Glass facility. Drywells, also called Underground Injection Controls (UICs), are devices that infiltrate fluids (in this case stormwater) into underground soils. The drywell that was sampled drains stormwater runoff from roofs at Bullseye Glass, and is identified as 11228-2 in DEQ's UIC Database.

The samples were analyzed in a laboratory for the following metals: arsenic (total), barium (total), cadmium (total), chromium (total), hexavalent chromium (total), cobalt (total), copper (total), lead (total), nickel (total), selenium (total), silver (total), zinc (total), and mercury (total). The results are tabulated in the enclosed Table 1 (Sediment Quality Data) and Table 2 (Stormwater Quality Data). The laboratory analysis indicated that:

- **Sediment Sample.** Arsenic, barium, cadmium, total chromium, cobalt, copper, lead, mercury, nickel, selenium, and zinc were detected in sediment. The concentrations were below regulatory limits<sup>1</sup>. DEQ requires that sediment with pollutant concentrations above these limits be removed and disposed of in accordance with applicable state and federal rules. Because the concentrations are below the regulatory limits, the drywell sediment may be left in-place.

<sup>1</sup> The UIC Program uses Toxicity Characteristic Leaching Procedure (TCLP) limits to evaluate pollutant concentrations in drywell sediment. TCLP limits determine the mobility of metals in sediment. Exceedance of a TCLP limit indicates that sediment is a characteristic hazardous waste.

- **Stormwater Sample.** Barium, total chromium, cobalt, lead, and nickel were detected in stormwater. The concentrations were below regulatory limits [Environmental Protection Agency Maximum (EPA) Contaminant Levels (MCLs)]<sup>2</sup>, meaning that the stormwater discharges from the drywell do not endanger groundwater.

The results of the stormwater and sediment sampling indicate that UIC 11228-2 is being operated in compliance with Oregon's UIC rules for authorization of a drywell by rule<sup>3</sup>.

Please do not hesitate to call me at 503-229-6371 if you have any questions.

Sincerely,

Matthew Kohlbecker, RG  
UIC Senior Hydrogeologist

Enc: Table 1—Sediment Quality Data  
Table 2—Stormwater Quality Data

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<sup>2</sup> The UIC Program uses the EPA MCLs to evaluate pollutant concentrations in stormwater. MCLs are legally-enforceable standards for pollutants in public drinking water systems.

<sup>3</sup> See Oregon Administrative Rules (OAR) 340-044-0018