

Hiland WC - Riverbend 4100601

Post-Wildfire Distribution System VOC Monitoring Results Summary

Prepared by G. Baird 10/12/20

Sample collection date: 10/6/20

DEQ lab reported results to OHA: 10/9/20

Results summary: No regulated VOC detections at or above the LOQ. No MCL or HAL exceedances.

1. Sample location: 1082 Riverbend

Bromodichloromethane (THM)– 0.00312 ppm (PV3::B)

Chloroform (THM) – 0.00294 ppm (PV3::B)

Dibromochloromethane (THM) - 0.00174 ppm (PV3::B)

TTHM – 0.0078 ppm (PV3::B)

Trichlorofluoromethane (Freon 11) – ND (PV3::B), (CV3::B)

TTHM LRAA MCL 0.080 ppm

1&10-day HAL 4 ppm, Lifetime HAL 0.07 ppm

1&10-day HAL 0.6 ppm, Lifetime HAL 0.06 ppm

LRAA MCL 0.080 ppm

1&10-day HAL 7 ppm, Lifetime HAL 2 ppm

2. Sample location: SS-RBR

Bromodichloromethane (THM)– 0.00401 ppm (PV3::B)

Chloroform (THM) – 0.00364 ppm (PV3::B)

Dibromochloromethane (THM) - 0.00229 ppm (PV3::B)

Naphthalene - 0.000710 ppm (J), (PV3::B), (BK2::C)

TTHM – 0.00994 ppm (PV3::B)

Trichlorofluoromethane (Freon 11) – ND (PV3::B), (CV3::B)

TTHM LRAA MCL 0.080 ppm

1&10-day HAL 4 ppm, Lifetime HAL 0.07 ppm

1&10-day HAL 0.6 ppm, Lifetime HAL 0.06 ppm

1&10-day HAL 0.5 ppm, Lifetime HAL 0.1 ppm

CA MCL 0.1 ppm, CA NL 0.017 ppm

LRAA MCL 0.080 ppm

1&10-day HAL 7 ppm, Lifetime HAL 2 ppm

3. Sample location: SS-DC

1,2,3-Trichlorobenzene - 0.00029 ppm (J), (PV3::B), (BK2::C)

Trichlorofluoromethane (Freon 11) – ND (PV3::B), (CV3::B)

1&10-day HAL 7 ppm, Lifetime HAL 2 ppm

4. Trip Blank

Trichlorofluoromethane (Freon 11) – ND (PV3::B), (CV3::B)

Qualifiers:

PV3::B = Samples were received outside acceptable temperature range.

CV3::B = ICV outside acceptance limits. Per DEQ, an initial calibration verification (ICV) failure means that there is a disagreement between the calibration curve and a secondary standard made or purchased from a different source. It could indicate a bias in the calibration, or a bias in the second source, or stability issues in the instrument. In the case of a ND result the impacts are probably minimal, but it is always possible that a low detection around the detection limit (0.000026 mg/L) could be biased “ND”, so it must be noted in the report.

J = Sample result is an estimated concentration between the laboratory limit of detection (LOD) and the laboratory limit of quantitation (LOQ)

BK2::C = Analyte found in the method blank. The blank result is > 1/2 of the sample concentration.