

January 13, 2016

Mrs. Erin Black National EHSS Manager The Coca-Cola Company PO Box 1734 Atlanta. Georgia 30301 eblack@coca-cola.com

RE: 2015 Groundwater Monitoring and Sampling Report

Former Coca Cola Bottling Company of Washington Facility

2101 Woburn Street

Bellingham, Washington 98229 ATC Project No. Z076000021

Dear Mrs. Black:

On behalf of Coca Cola Refreshments (Coca Cola), ATC Group Services, LLC (ATC) has prepared this report describing groundwater monitoring and sampling activities performed during 2015 at the former Coca Cola Bottling Company of Washington facility located at 2101 Woburn Street in Bellingham, Washington (Figure 1, Site Vicinity Map) and off-property (Site). The groundwater assessment activities were performed subsequent to the Site's acceptance into the Voluntary Cleanup Program (VCP) by the Washington State Department of Ecology (Ecology) and was intended to address data gaps identified by Ecology in their advisory opinion letter (issued under the specific authority of Revised Code of Washington [RCW] 70.105D.030[1][i] and Washington Administrative Code [WAC] 173-340-515[5]) dated March 25, 2013 and continue the scope of work outlined in Cardno's February 20, 2014 Work Plan for the Assessment of Off-Property Impacts and Groundwater Well Installation and Monitoring Program, which was approved by Ecology in their May 19, 2014 advisory opinion letter.

The objective of the quarterly groundwater monitoring performed in 2015 was to characterize potential off-property impacts and Site groundwater over four consecutive quarters in accordance with the Model Toxics Control Act (MTCA) and its implementation regulations defined in RCW Chapter 70.105D and WAC Chapter 173-340.

SITE DESCRIPTION AND BACKGROUND

The former Coca Cola Bottling Company of Washington - Bellingham Facility is located at 2101 Woburn Street, Bellingham, Whatcom County, Washington. The property is comprised of approximately 2.6-acres and is bounded to the north by Woburn Street, to the south by Kentucky Street and to the west by Valencia Street. Access to the property is from Woburn Street to the east or Valencia Street to the west (**Figure 1**).

Environmental assessment activities were initiated at the Site in 1990 by an independent Coca Cola bottler with the removal of a 2,000-gallon underground storage tank (UST) by Colacurcio Brothers Construction Company. The UST, which had been installed in 1978, along with a fuel dispenser, was used to store and supply unleaded gasoline to service vehicles utilized by Coca-Cola. Coca-Cola began storing diesel fuel in the UST in approximately 1988. In 1989, approximately 60 to 100 gallons of diesel fuel was reportedly spilled during fueling activities. During the 1990 removal of the UST, approximately 20 cubic yards of petroleum hydrocarbon impacted soil was over-excavated and approximately 40 gallons of petroleum hydrocarbon impacted groundwater was removed from the excavation.



In 1999, IT Corporation (IT) of Renton, Washington performed a limited subsurface investigation the subsequent report concluded the following: 1) concentrations of diesel in soil above MTCA Method A cleanup levels were detected at shallow depths in a limited area west of the former UST; 2) petroleum hydrocarbon impact to groundwater is limited to noncontiguous perched water-bearing zones; and 3) the total concentration of carcinogenic polynuclear hydrocarbons (cPAHS) meet Ecology's criteria of being protective to human health and groundwater. The February 28, 2000 report also included an application to enter the Site into Ecology's Voluntary Cleanup Program (VCP), and a request for the Site to be granted a No Further Action (NFA) determination with Ecology under the VCP.

In a May 5, 2000 opinion advisory letter from Ecology to IT, Ecology requested further remedial action to be performed at the Site before a NFA determination could be granted. Between 2005 and 2011 further subsurface assessment was conducted by John Harrie Consultants (JHC) of Vancouver, Washington and Cardno /ATC of Seattle, Washington, which included the advancement of twenty-five (25) soil borings, five (5) hand-auger soil borings and the installation of groundwater monitoring wells MW-1 through MW-7. In 2006 JHC oversaw the excavation and removal of approximately 32 tons of petroleum hydrocarbon impacted soil from the vicinity of the former UST.

The soil assessment activities, determined that the greatest concentrations of petroleum contaminated soil to be located between the surface and 3.5 feet below ground surface, with the maximum concentrations identified in the area along the western property boundary. The groundwater monitoring and sampling activities indicated that only groundwater within the intermittent shallow water bearing zone contained dissolved petroleum hydrocarbons.

On October 18, 2011 the remediation contractor, Clearcreek Contractors, Inc. (CCI) began excavation activities in areas previously identified to contain petroleum hydrocarbon impacts to soil. During the excavation activities groundwater monitoring wells MW-2, MW-3, MW-4, MW-6, and MW-7 were removed.

Based on the laboratory analytical results of confirmation soil samples, the contaminants of concern (COCs) were removed to concentrations below the MTCA Method A cleanup levels in the north, east and south directions. Laboratory analytical results indicate that concentrations of gasoline and diesel are present along a portion of the eastern bounds of 4-foot diameter corrugated steel storm line, located within Valencia Street. Despite the presence of petroleum hydrocarbons in concentrations above MTCA Method A cleanup levels, the remedial excavation was not expanded west of the 4-foot corrugated steel storm line in order to not compromise municipal subsurface infrastructures.

With the exception of the localized, limited soil along the east side of the storm line beneath Valencia Street, the Site was remediated to the extent practicable to MTCA Method A cleanup levels as defined under the MTCA Cleanup Regulation WAC Chapter 173-340.

The results of the remedial activities were summarized in the Remedial Action Report dated November 15, 2012, which was submitted to Ecology along with an application to the VCP. In response to the November 15, 2012 Remedial Action Report, an opinion was issued by Ecology in an advisory opinion letter dated March 25, 2013. The opinion determined that further remedial action would be necessary to obtain a NFA determination for the Site, specifically the issuance of a NFA letter would be achieved if Site groundwater monitoring results demonstrate that groundwater contains concentrations of COCs below MTCA Method A cleanup levels for four consecutive quarters. Ecology also recommended the installation of at least one groundwater monitoring well in a location in the down-gradient direction of groundwater flow from areas of previously identified with impacted groundwater.



On November 4 and 5, 2014, Cardno oversaw the installation of groundwater monitoring wells MW-8, MW-9 and MW-10 to ascertain on property groundwater conditions and conditions west of the 4-foot corrugated steel storm line located below Valencia Street. Soil samples collected during the installation of groundwater monitoring wells MW-8, MW-9, and MW-10 did not contain detectable concentrations of gasoline, diesel, or BTEX, indicating that soil east of the 4-foot corrugated steel storm line is not impacted by petroleum hydrocarbons.

On November 11, 2014, depth to groundwater was measured and groundwater samples were collected (post low-flow purging) from existing groundwater monitoring wells MW-1 and MW-5, and newly installed groundwater monitoring wells MW-8, MW-9, and MW-10. Laboratory analysis indicated the November 11, 2014 groundwater samples did not contain detectable concentrations of gasoline, BTEX, diesel, and heavy oil.

OBJECTIVE AND SCOPE OF WORK

ATC's scope of work was to continue groundwater monitoring and sampling after the event conducted on November 11, 2014 over three additional consecutive quarters to assess groundwater compliance with the MTCA Cleanup Regulation WAC Chapter 173-340.

GROUNDWATER MONTIORING AND SAMPLING

On January 27, June 4, 2015, and September 18, 2015 ATC gauged depth to water and collected post-purge groundwater samples from the five Site-related groundwater monitoring wells, MW-1, MW-5, MW-8, MW-9, and MW-10. Each groundwater monitoring well was purged using low-flow sampling techniques. During low-flow groundwater purging, high density polyethylene (HDPE) tubing was lowered into the well to the approximate center of the well screen interval. Groundwater was then purged by means of a peristaltic pump set at a steady flow rate while maintaining a drawdown of less than 0.33 feet. After a minimum of one tubing volume (including the volume of water in the pump and flow cell) was purged, water physical parameters including turbidity, dissolved oxygen, electroconductivity, pH, temperature, and oxidation-reduction potential (ORP) were recorded every two to five minutes until stabilization occurred (i.e., when the following criteria were met):

pH: ± 0.1 pH units

Specific Conductance: ± 3% ORP: ± 10 millivolts (mV)

After achievement of stabilization, the groundwater samples were collected from the discharge port of the pump into laboratory-prepared containers. The groundwater samples were then placed on ice, entered onto a chain of custody and transported to the analytical laboratory. To minimize the potential for cross contamination, the flow-through cell was cleaned and new HDPE tubing was used at each well. The well purge logs are presented in **Appendix A**.

The groundwater samples were analysed for gasoline utilizing Ecology Method NWTPH-Gx; diesel and oil utilizing Ecology Method NWTPH-Dx/Dx-Extended and BTEX utilizing EPA Method 8260. The laboratory analytical reports are included in **Appendix B** and the results are presented on Table 1, Summary of Groundwater Monitoring and Laboratory Analytical Results. Groundwater elevation isocontour lines are depicted per event on **Figures 2, 3,** and **4**.



GROUNDWATER ELEVATIONS

Depths to groundwater and groundwater elevations from the January 27, June 4, 2015, and September 18, 2015 groundwater monitoring and sampling events along with previous groundwater monitoring and sampling events are summarized on **Table 1**.

On January 27, 2015, groundwater beneath the Site was first encountered between 74.93 to 80.72 ft above mean sea level (MSL). A groundwater elevation contour map based on the November 10, 2010 water level measurements is provided in **Figure 2**. The groundwater flow direction is predominantly to the west-northwest, under a gradient of approximately 0.08 feet per feet (ft/ft).

On June 4, 2015, groundwater beneath the Site was first encountered between 74.61 to 79.74 ft above mean sea level (MSL). A groundwater elevation contour map based on the November 10, 2010 water level measurements is provided in **Figure 3**. The groundwater flow direction is predominantly to the west, under a gradient of approximately 0.037 ft/ft.

On September 18, 2015, groundwater beneath the Site was first encountered between 74.93 to 80.72 ft above mean sea level (MSL). A groundwater elevation contour map based on the November 10, 2010 water level measurements is provided in **Figure 4**. The groundwater flow direction is predominantly to the west-northwest, under a gradient of approximately 0.08 ft/ft.

GROUNDWATER ANALYTICAL RESULTS

Analytical results for collected groundwater samples analyzed for gasoline, diesel, heavy oil, and BTEX are presented in **Table 1**. The certified analytical report is presented in **Appendix B**. In addition, a summary of the analytical results is presented below:

Gasoline:

Groundwater samples for laboratory analysis for gasoline by Ecology Method NWTPH-Gx were collected from groundwater monitoring wells MW-1, MW-5, MW-8, MW-9, and MW-10 on January 27, June 6, and September 18, 2015. Gasoline was not detected above method reporting limits in any of the groundwater samples analyzed. Method reporting limits are below the MTCA Method A groundwater cleanup level of 800 micrograms per liter (µg/L) for gasoline with benzene present in groundwater.

BTEX Compounds:

Groundwater samples for laboratory analysis for BTEX by EPA Method 8260 were collected from groundwater monitoring wells MW-1, MW-5, MW-8, MW-9, and MW-10 on January 27, June 6, and September 18, 2015. No BTEX compounds were detected above method reporting limits in any of the groundwater samples analyzed. Method reporting limits are below the MTCA Method A groundwater cleanup levels of 5 μ g/L for benzene, 1,000 μ g/L for toluene, 700 μ g/L for ethyl benzene, and 1,000 μ g/L for xylenes.

Diesel and Heavy Oil:

Groundwater samples for laboratory analysis for diesel and heavy oil by Ecology Method Dx/Extended were collected from groundwater monitoring wells MW-1, MW-5, MW-8, MW-9, and MW-10 on January 27, June 6, and September 18, 2015. Neither diesel nor heavy oil were detected above method reporting limits in any of the groundwater samples analyzed. Method reporting limits are below the MTCA Method A groundwater cleanup levels of 500 µg/L for diesel and 500 µg/L for heavy oil.



FINDINGS AND CONCLUSIONS

Findings and conclusions of this monitoring event are summarized as follows:

Data collected during groundwater monitoring and sampling events conducted on January 27, June 4, 2015, and September 18, 2015, along with the previous reported event performed on November 11, 2014 represent four consecutive quarters of groundwater monitoring and sampling performed at the request of Ecology in their advisory opinion letter dated March 25, 2013.

The results of the four quarters of groundwater monitoring and sampling indicate that dissolved petroleum hydrocarbons are not present concentrations above MTCA Method A cleanup levels and therefore groundwater at the Site is in compliance with the MTCA Cleanup Regulation WAC Chapter 173-340.

Based on the above and the previously reported soil conditions, ATC formally requests a No Further Action determination through Voluntary Cleanup Program with regard to the presence of petroleum hydrocarbons in soil and groundwater from previously reported releases to the Site.



We appreciate the opportunity to be of service in this matter. If you have questions regarding this report, please contact us at (206) 781-1449.

Sincerely,

ATC Group Services LLC

Simon Payne, LG State of Washington

Project Geologist

Terry McDunner Branch Manager

Attachments:

Table 1 - Summary of Groundwater Monitoring and Analytical Results

SIMON J. PAYNE

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Figure 1 - Site Location Map

Figure 2 – Groundwater Elevation Map (01/27/15)

Figure 3 – Groundwater Elevation Map (06/04/15)

Figure 4 – Groundwater Elevation Map (09/18/15)

Figure 3 – Soil Sample Location Map

Appendix A - Well Purge Logs Appendix B - Laboratory Analytical Result



TABLES

Table 1: Summary of Groundwater Monitoring and Analytical Results Former Coca Cola Facility 2101 Woburn St Bellingham, Washington Cardno Project No. Z076000021

| Monitoring Well ID | TOC Reference Elevation (Bold indicates elevation in feet above | Sample Date | Depth to Water in feet below TOC | Groundwater Elevation (bold indicates groundwater elevations in feet above MSL) | Total Petroleum Hydrocarbons ¹ in μg/L Diesel (Fuel | | | Volatile Organic Compounds (VOCs) ² in μg/L | | | |
|-----------------------|---|----------------|----------------------------------|---|---|------------------|-----------|--|----------|-------------|---------------|
| | MSL) | | | | Gasoline | Oil) | Heavy Oil | Benzene | Toluene | Ethylbenzne | Total Xylenes |
| MW-1 | 99.54 | 9/22/2005 | 17.05 | 82.49 | <250 | <250 | | < 0.50 | <0.50 | <0.50 | <0.50 |
| | | 3/7/2006 | 3.64 | 95.90 | <250 | 790 ³ | | <0.50 | <0.50 | <0.50 | < 0.50 |
| | | 8/8/2006 | 4.70 | 94.84 | <250 | <250 | | <0.50 | <0.50 | <0.50 | <0.50 |
| | | 11/6/2007 | 4.10 | 95.44 | <250 | <260 | | <0.50 | <0.50 | <0.50 | < 0.50 |
| | | 11/17/2009 | 4.02 | 95.52 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | | 5/12/2010 | 3.88 | 95.66 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <1.0 |
| | | 9/8/2010 | 4.68 | 94.86 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | | 9/9/2010 | NM | NM | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | 84.06 | 11/11/2014 | 3.25 | 80.81 | <50.0 | <50.0 | <100 | <1.00 | <1.00 | <1.00 | <1.00 |
| | | 1/27/2015 | 3.34 | 80.72 | <50.0 | <50.0 | <100 | <1.00 | <1.00 | <1.00 | <1.00 |
| | | 6/4/2015 | 4.32 | 79.74 | <50.0 | <49.9 | <99.8 | <1.00 | <1.00 | <1.00 | <1.00 |
| | | 9/18/2015 | 3.25 | 80.81 | <50.0 | <50.0 | <100 | <1.00 | <1.00 | <1.00 | <1.00 |
| MW-2 | 97.11 | 9/21/2005 | 16.20 | 80.91 | <250 | <260 | | 6.2 | 0.81 | 8.7 | 1.85 |
| | | 3/7/2006 | 2.73 | 94.38 | 1,100 ⁴ | <280 | | 24 | 4.0 | 74 | 15.9 |
| | | 8/8/2006 | 4.38 | 92.73 | 1,300 ⁴ | <250 | | 40 | 4.9 | 97 | 14.6 |
| | | 11/6/2007 | 4.43 | 92.68 | 1,400 ⁴ | 2705 | | 32 | 5.4 | 73 | 11.6 |
| | | 11/17/2009 | 2.49 | 94.62 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | | 5/12/2010 | 4.70 | 92.41 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <1.0 |
| | | 9/8/2010 | 3.64 | 93.47 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | | 9/9/2010 | 14.61 | 82.50 | 730 | <100 | <200 | <1.0 | <1.0 | 6.30 | <2.0 |
| 1 | Well decommission | ned during 201 | 1 Site remediation | n | | | | | <u> </u> | • | • |
| MW-3 | 96.72 | 9/21/2005 | 26.25 | 70.47 | <250 | 340 ³ | | 2.6 | <0.50 | 4.5 | 9.4 |
| 10100-3 | 30.72 | 3/7/2006 | 2.29 | 94.43 | <250 | <250 | | <0.50 | <0.50 | <0.50 | <0.50 |
| | | 8/8/2006 | 2.76 | 93.96 | <250 | <250 | | <0.50 | <0.50 | <0.50 | <0.50 |
| | | 11/6/2007 | 4.21 | 92.51 | <250 | <280 | | <0.50 | <0.50 | <0.50 | <0.50 |
| | | 11/17/2007 | 3.48 | 93.24 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | | 5/12/2010 | 4.02 | 92.70 | <50 <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <1.0 |
| | | 9/8/2010 | 2.60 | 94.12 | <50 <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | | 9/9/2010 | 13.05 | 83.67 | <50 <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | Mall docommissio | | 1 Site remediation | | \ 00 | <100 | 1200 | 11.0 | 11.0 | 11.0 | `~0 |

Table 1: Summary of Groundwater Monitoring and Analytical Results Former Coca Cola Facility 2101 Woburn St Bellingham, Washington Cardno Project No. Z076000021

| Monitoring | TOC Reference Elevation (Bold indicates | Sample Date | Depth to Water in feet below | Groundwater Elevation (bold indicates groundwater elevations in feet above MSL) | Total Petroleum Hydrocarbons¹ in μg/L | | | Volatile Organic Compounds (VOCs)² in μg/L | | | |
|------------|---|-----------------|------------------------------|---|---------------------------------------|----------------------|-----------|--|---------|-------------|---------------|
| Well ID | elevation in feet above MSL) | | TOC | | Gasoline | Diesel (Fuel Oil) | Heavy Oil | Benzene | Toluene | Ethylbenzne | Total Xylenes |
| MW-4 | 95.24 | 3/7/2006 | 3.25 | 91.99 | <250 | 340 ³ | | <0.50 | < 0.50 | <0.50 | <0.50 |
| | | 8/8/2006 | 4.00 | 91.24 | <250 | <250 | | 0.620 | <0.50 | 1.80 | <0.50 |
| | | 11/6/2007 | 1.75 | 93.49 | 400 ⁴ | <250 | | 75.000 | 1.200 | 41 | 2.700 |
| | | 11/17/2009 | 1.77 | 93.47 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | | 5/12/2010 | 2.92 | 92.32 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <1.0 |
| | | 9/8/2010 | 1.66 | 93.58 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | |
| | | 9/9/2010 | 14.30 | 80.94 | 120 | <100 | <200 | 1.000 | <1.0 | 5.40 | <2.0 <2.0 |
| | Well decommission | oned during 201 | 1 Site remediation | n | | | | | | | |
| MW-5 | 97.02 | 11/6/2007 | 2.33 | 94.69 | <250 | <260 | | <0.50 | < 0.50 | <0.50 | <0.50 |
| | | 11/17/2009 | 1.74 | 95.28 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | | 5/12/2010 | 2.05 | 94.97 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <1.0 |
| | | 9/8/2010 | 3.47 | 93.55 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | | 9/9/2010 | 2.47 | 94.55 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | 81.34 | 11/11/2014 | 3.00 | 78.34 | <50.0 | <50.0 | <100 | <1.00 | <1.00 | <1.00 | <1.00 |
| | | 1/27/2015 | 3.21 | 78.13 | <50.0 | <50.0 | <100 | <1.00 | <1.00 | <1.00 | <1.00 |
| | | 6/4/2015 | 3.39 | 77.95 | <50.0 | <49.9 | <99.8 | <1.00 | <1.00 | <1.00 | <1.00 |
| | | 9/18/2015 | 3.25 | 78.09 | <50.0 | <50.0 | <100 | <1.00 | <1.00 | <1.00 | <1.00 |
| MW-6 | 95.71 | 11/6/2007 | 1.43 | 94.28 | 310 ⁴ | <260 | | 1.6 | 0.7 | 2.0 | 1.1 |
| | | 11/17/2009 | 1.43 | 94.28 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | | 5/12/2010 | 1.60 | 94.11 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <1.0 |
| | | 9/8/2010 | 1.77 | 93.94 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | | 9/9/2010 | 4.33 | 91.38 | 170 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| , | Well decommission | oned during 201 | 1 Site remediation | n | | | | | | | |
| MW-7 | 95.57 | 11/06/07 | 2.34 | 93.23 | 460 ⁴ | <260 | | 4.3 | 0.96 | 10 | 2.1 |
| | | 11/17/09 | 1.57 | 94.00 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | | 05/12/10 | 1.85 | 93.72 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <1.0 |
| | | 09/08/10 | 1.64 | 93.93 | <50 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | | 09/09/10 | 5.50 | 90.07 | 100 | <100 | <200 | <1.0 | <1.0 | <1.0 | <2.0 |
| | Well decommission | oned during 201 | 1 Site remediation | 1 | | | | | | | |

Table 1: Summary of Groundwater Monitoring and Analytical Results Former Coca Cola Facility 2101 Woburn St Bellingham, Washington Cardno Project No. Z076000021

| Monitoring Well ID | TOC Reference Elevation (Bold indicates | Sample Date | Depth to Water in feet below | | Total Petroleum Hydrocarbons¹ in μg/L | | | Volatile Organic Compounds (VOCs) ² in μg/L | | | | |
|-----------------------|---|-------------|------------------------------|-------|---------------------------------------|----------------------|-----------|--|---------|-------------|---------------|--|
| | elevation in feet above MSL) | | TOC | | Gasoline | Diesel (Fuel Oil) | Heavy Oil | Benzene | Toluene | Ethylbenzne | Total Xylenes | |
| MW-8 | 80.27 | 11/11/2014 | 3.19 | 77.08 | <50.0 | <50.0 | <100 | <1.00 | <1.00 | <1.00 | <1.00 | |
| | | 1/27/2015 | 2.89 | 77.38 | <50.0 | <50.0 | <100 | <1.00 | <1.00 | <1.00 | <1.00 | |
| | | 6/24/2015 | 3.75 | 76.52 | <50.0 | <49.9 | <99.8 | <1.00 | <1.00 | <1.00 | <1.00 | |
| | | 9/18/2015 | 3.25 | 77.02 | <50.0 | <50.0 | <100 | <1.00 | <1.00 | <1.00 | <1.00 | |
| MW-9 | 79.72 | 11/11/2014 | 4.73 | 74.99 | <50.0 | <50.0 | <100 | <1.00 | <1.00 | <1.00 | <1.00 | |
| | | 1/27/2015 | 4.79 | 74.93 | <50.0 | <50.0 | <100 | <1.00 | <1.00 | <1.00 | <1.00 | |
| | | 6/24/2015 | 5.11 | 74.61 | <50.0 | <50.0 | <100 | <1.00 | <1.00 | <1.00 | <1.00 | |
| | | 9/18/2015 | 3.25 | 76.47 | <50.0 | <50.0 | <100 | <1.00 | <1.00 | <1.00 | <1.00 | |
| MW-10 | 79.97 | 11/11/2014 | 5.22 | 74.75 | <50.0 | <50.0 | <100 | <1.00 | <1.00 | <1.00 | <1.00 | |
| | | 1/27/2015 | 4.51 | 75.46 | <50.0 | <50.0 | <100 | <1.00 | <1.00 | <1.00 | <1.00 | |
| | | 6/24/2015 | 5.17 | 74.80 | <50.0 | <49.9 | <99.9 | <1.00 | <1.00 | <1.00 | <1.00 | |
| | | 9/18/2015 | 3.25 | 76.72 | <50.0 | <50.0 | <100 | <1.00 | <1.00 | <1.00 | <1.00 | |
| MTCA Method | TCA Method A Cleanup Levels for Groundwater | | | | 800/1,000 ⁴ | 500 | 500 | 5 | 1,000 | 700 | 1,000 | |

Notes:

 $\overline{\mathsf{TOC}}$ = Top of Casing

MSL = Mean sea level

μg/L = micrograms per liter

BTEX = Benzene, toluene, ethylbenzene, and xylenes

-- = Not analyzed

Bold indicates concentration is above MTCA Method A cleanup level

MTCA = Washington State Department of Ecology Model Toxics Control Act

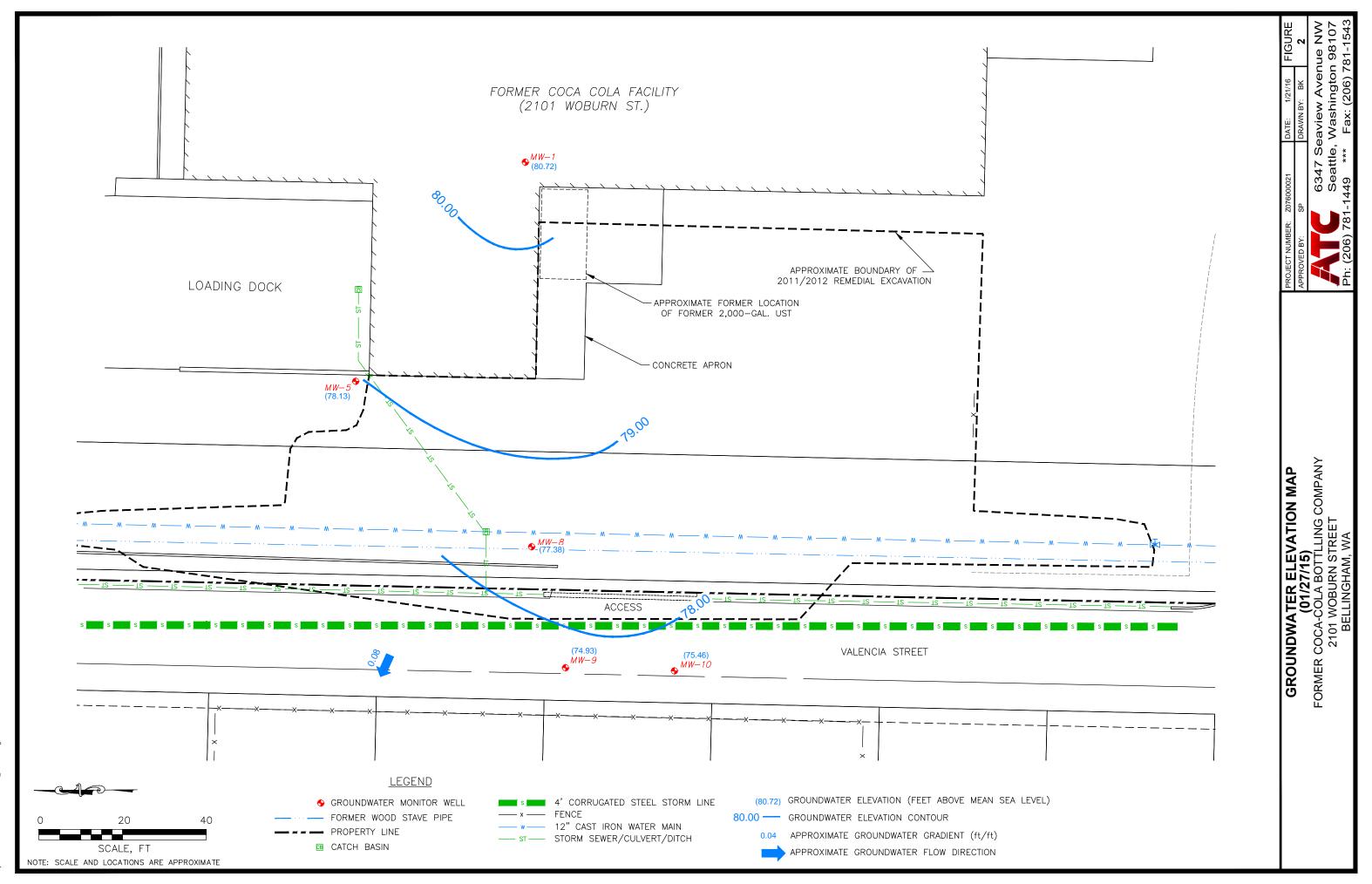
NE = MTCA Method A cleanup level for groundwater not established

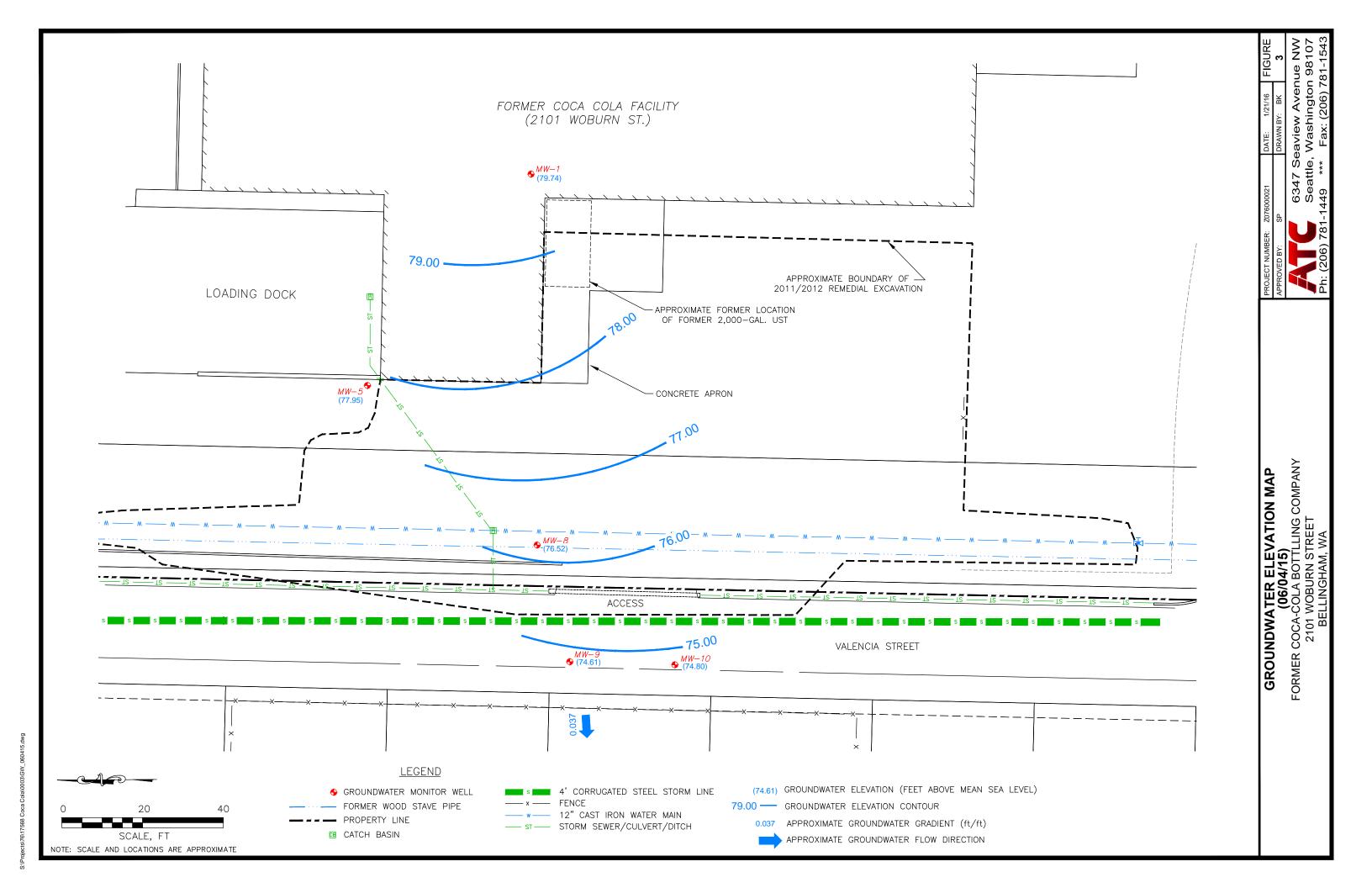
- 1 = Analytical results by gas chromatography by Washington State Department of Ecology Methods NWTPH-Gx and NWTPH-Dx/Dx Extended
- 2 = Analytical results by gas chromatography and mass spectrometry by United States Environmental Protection Agency Method 8260
- 3 = Analytical results by cold vapor atomic absorption and inductively coupled plasma-atomic emission spectrometry by United States Environmental Protection Agency Methods 7470 and 6020
- 4 = MTCA Method A clean up level of 800 μg/L if benzene present in groundwater and 1,000 μg/L if no detectable benzene is present in groundwater

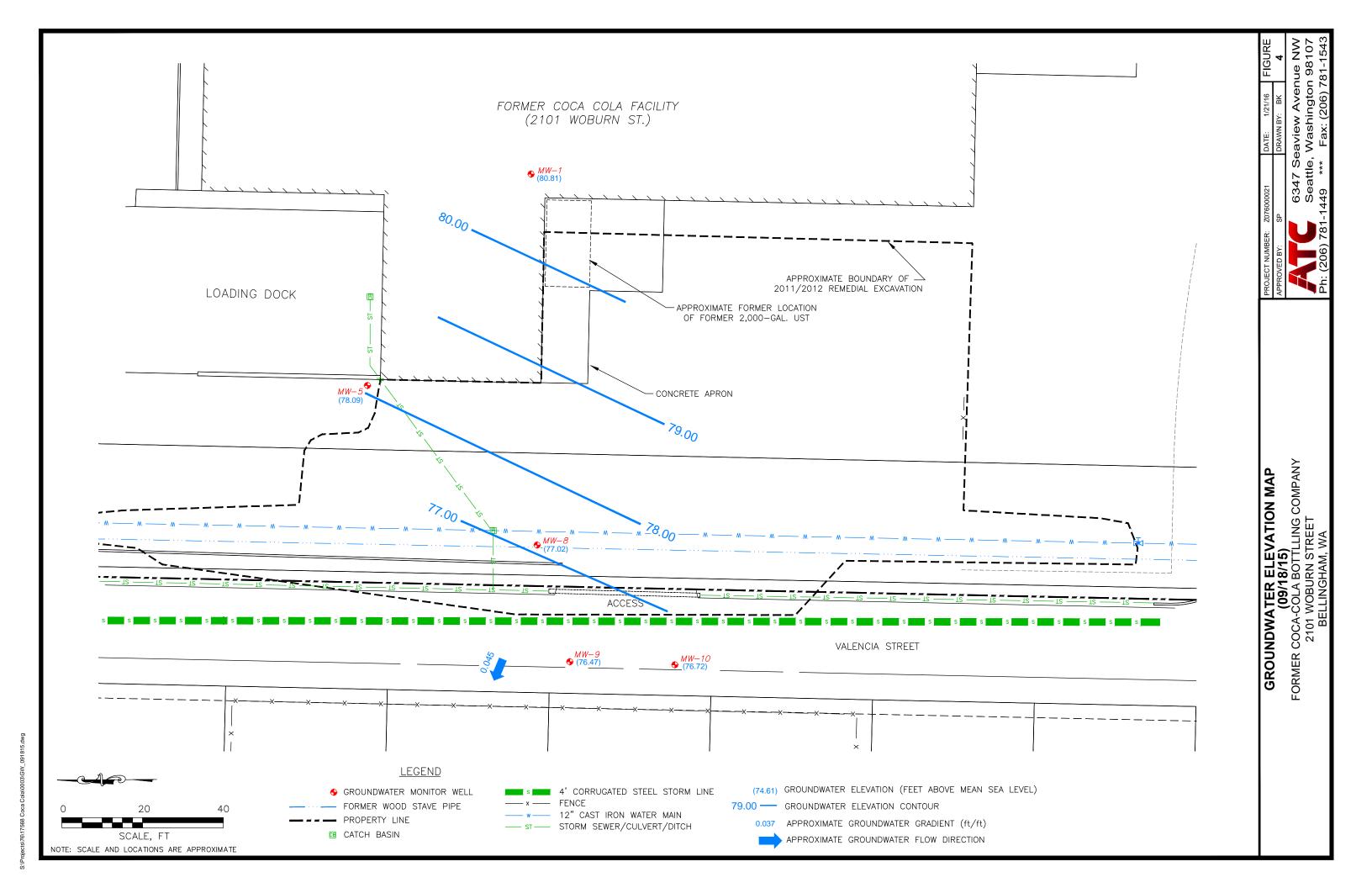
All analytical results reported in micrograms per liter (µg/L) or parts per billion (ppb)



FIGURES









APPENDIX A: WELL PURGE LOGS

| | Cardno ° ATC |
|--|------------------------|
|--|------------------------|

FLD-103

Revision 1.0

| - | AIC | | | Sar | npling | Loa | | ICVION | 311 1.0 | | |
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| | Shaping the | e Future | | | b9 | 3 | | Jul- | .08 | | |
| Cardno ATC I | 3ranch: Seatt | le | | | Date: 1/2 7 | 1/15 | 12. action que nome a construction de la constructi | Page of | Operation Company of the comment of the company of the comment of the company of the comment o | | |
| Cardno ATC I | Representative | e(s): | | 1 - un u p. | | a-Cola Belling | jham | | | | |
| Role: Geolog | ist | | | | Location: 2101 Woburn Street, Bellingham, WA | | | | | | |
| Contact Inforr | nation: 206-7 8 | 1-1449 | | | Project No: 76.17568.0003 Task No: | | | | | | |
| | | | | | Contractor: N | A | j | | | | |
| | MA | $\omega - l$ | | | Weather: | | | Temperature: | | | |
| | 7 | er en er et en | uvaina 8 C | ampling In | <u>l</u> strumentati | ion & Moth | od | | | | |
| 1A / / | # - (| | urging & 3 | amping m | | | | | | | |
| | /leter (Model/ID): | | - | | | bbe (Model/ID): N | | | | | |
| | |): YSI 556 MP: | | | | | Alconox/DI Wa | | | | |
| Purging Meth | od:P | VC Bailer _ | Vacuum | | | | Peristaltic P | | | | |
| 3 Well Volum | | | X M | | | | pelow TOC) | b , 0 4/1.0 | · · · · · · · · · · · · · · · · · · · | | |
| Sampling Met | (100 - | | | osable Bailer | _X_ Ded | agreement and the second | the second contract of | | profession forces to the forces to a statement of the spectrum | | |
| | Casing \ | Volume Info | | | | | ing Calcula | tions | · | | |
| Casing Diam | eter (Circle): | <u>(2°)</u> | 4" 6" | Other | Casing Volur | mes (CV): | 202 | 11. | 80 | | |
| Casing Multip | olier (CM)(gallon | s/foot): 0.16 | 0.65 1.47 | | WC24.66 | CM <u>- 6</u> = | 3.87 (CV)(gal) | x 3.0 CV (gal) = | PV | | |
| And the second s | a de transcente de la companya de l | | M | onitoring N | /leasureme | | A set | CONTRACTOR OF STREET AND STREET A | очент ром за процессия пол технолого межномо бойшей. Чет сто | | |
| Depth to LNA | PL (feet): | | | | Total Well De | | 27.50 | | | | |
| Depth to Wate | er (DTW)(feet) | : | 3.34 | | | n (WC)(feet): | | | | | |
| LNAPL Thick | ness (ft): | | processor and the second | | Purging Start | Time: 12: | 45 | and a second control of the Management of the control of the contr | | | |
| | | | | Purgi | ng Data | ribota canana a ta ta ta mangan a ta t | | | | | |
| Time | DTW | Cum. Vol. Purged | Temp | Specific Cond. | Turbidity | Dissolved Oxygen | pН | ORP (mV) | Other | | |
| (24 Hours) | (Feet) | (Gallons) | (°C) | (uS/cm) | NTU | (mg/L) | | | | | |
| 12.18 | P 70 | .1 80 | (± 1°) | (± 5%) | Clause | (± 10%) | (± 0.1) | (± 10 mV) | | | |
| 12:55 | 5.39 | 1.0 | | - | Clear | | | | | | |
| 13:05 | 7.12 | 2.0 | | | \ \(\) | | | | | | |
| 13:15 | 8.21 | 2.5 | | | ٠(| | | | | | |
| 13.25 | | 3.0 | | | ч | | | | | | |
| 13:30 | 10.65 | 3.5 | | | 1 | | | | | | |
| | | on taple accessed to the composition of the | | | le Data | | | | | | |
| Sample ID: | MW-1 | | Time of Sam | ole: 13:3 | <u> </u> | Filtered (yes/no) | Preservatives | Analytical F | arameters' | | |
| | oes, Volumes, | | | | | (yesitio) | <u> </u> | | | | |
| 3-160 | M vove | , t-12 | | | | | | | | | |
| | | | | | | | | | televin este alexandra este este este este este este este est | | |
| Orași de la compania | | : | | Well Rec | overy Data | Elow Pato (C | PM): 0.1 - | P. A. I | | | |
| Maximum Dra | wdown (DTW | (//) | 10.65 | | | | 0.1 | 001 | | | |
| Recovery Typ | e: | | Slow | and the second s | % Recovery | = ~ ~ ~ | www.elson.com/pic/com/2008/05/pic/com/2008/05/com/com/com/2008/06/com/com/com/2008/06/com/com/com/com/2008/com/com/com/com/com/com/com/com/com/com | | | | |
| Purge Water | Disposition (At | tach Drum Inve | entory Log - Fl | LD 108): | | | | | | | |
| 2000 | on commence and the second | | | ±£¢jensen er er en | | | | aligan proinces and comment of the contribution of | | | |
| Comments: | Started | purging | 0.1 gpm, | DTW W | as falling | too fast | lowered gample | rurge - put | e to | | |
| 0.05 | , oth | 5K:11 | falling, | decide, | p to co | West S | ample | | | | |
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| | ATC | | | | npling | Loa | | Revision 1.0 | | |
|---|------------------------|--|--|---|---|--|---------------------------------------|--|--|--|
| | Shaping th | e Future | | | | 3 | | Jul | -08 | |
| Cardno ATC I | Branch: Seat | tle | versioner nonecommunication finding (numerical recovers 1900 find | | Date: 1/2 | 7/15 | | Page of | | |
| Cardno ATC I | Representativ | e(s): | | 10.41 | | a-Cola Belling | jham | | | |
| Role: Geolog | ist | | | | Location: 210 | 1 Woburn Str | eet, Bellingha | m, WA | | |
| Contact Inforr | nation: 206-7 8 | 31-1449 | | | Project No: 76.17568.0003 Task No: | | | | | |
| | A | 111 6 | | | Contractor: NA | | | | | |
| | //. | 1W-5 | | | Weather: Temperature: | | | | | |
| on a more distribusion channels seed to see dropped (Annae ammonae) | - | Pı | urging & Sa | ampling In | strumentati | ion & Meth | od | | an a said an | |
| Water Level N | /leter (Model/ID) | : Envirotape | | | Interface Pro | be (Model/ID): N | A | | | |
| Water Quality | Meter (Model/II | o): YSI 556 MPS | 3 | | Decontamina | ation Method: | Alconox/DI Wa | ater | | |
| Purging Meth | od: F | PVC Bailer _ | Vacuum · | Truck | Submersibl | e Pump <u>X</u> | Peristaltic P | ump Other: | | |
| 3 Well Volum | es | Low Flow | X Mi | | | | elow TOC) | | | |
| Sampling Met | hod: | Teflon Bailer | Dispo | sable Bailer | _X_ Ded | licated Tubing | Other: | | | |
| | Casing | Volume Info | rmation | | | Purg | ing Calcula | tions | | |
| Casing Diam | eter (Circle): | (2'') | 4'' 6'' | Other | Casing Volum | mes (CV): | 3 49 | | 10.46 | |
| Casing Multip | olier (CM)(gallor | ns/foot): 0.16 (| 0.65 1.47 | | wc <u>21.8</u> > | CM <u>0.16</u> = | 3,49 (CV)(gal) | x 3.0 CV (gal) = | =PV | |
| | | | Me | onitoring N | /leasureme | CONTRACT CONTRACTOR CO | | | | |
| Depth to LNA | PL (feet): | | | | | | 25:00 | う | | |
| Depth to Wate | er (DTW)(feet) |): | 3.21 | | Water Colum | n (WC)(feet): | · · · · · · · · · · · · · · · · · · · | | | |
| LNAPL Thick | ness (ft): | | | other was the property of the street of the | Purging Start | Time: | 13:45 | | | |
| | | integrangement of the second o | Special production and the state of the st | Purgii | ng Data | | | | | |
| Time | DTW | Cum, Vol. Purged | Temp | Specific Cond. | Turbidity | Dissolved Oxygen | рН | ORP (mV) | Other | |
| (24 Hours) | (Feet) | (Gallons) | (°C) (± 1°) | (uS/cm) (± 5%) | NTU | (mg/L) (± 10%) | (± 0.1) | (± 10 mV) | | |
| 13:55 | 4.08 | 4.0 | | | clear | | | | | |
| 14:05 | 4.47 | Z.0 | | | and the second second | | | | | |
| 14:15 | 5.06 | 3.0 | | | | | | | | |
| 14:25 | 5.29 | 4.0 | | | | | | | | |
| 14:35 | 5.74 | 5.0 | | | 1 | | | | | |
| | | | | Samp | le Data | | | | | |
| Sample ID: | MW-5 | | Time of Samp | le: 14:35 | | Filtered | Preservatives | Analytical F | Parameters | |
| | oes, Volumes, | & Quantities: | | | | (yes/no) | | | | |
| 3 - 40. | ml 1-1 | <u></u> | | | | | | | | |
| | | | | \8/e11 P - | | | | | | |
| | | | | vveli Rec | overy Data | Flow Rate (Gl | PM): | | | |
| 100 | awdown (DTW | | | | | | | | | |
| Recovery Typ | | Fast | Slow | D 400\- | % Recovery | <u></u> | | en e | | |
| Purge Water | Disposition (A | ttach Drum Inve | entory Log - FL | אטו ע.: | | | | • | | |
| Comments: | | | | anne a saidh dhigh dhidh ann a saidh a | | na ann an aige ann an aire ann an aire ann an an aire an | | | a penara de la casa de característico de seguinte de la casa de la decidade de la decidade de la decidade de d | |
| | | | | | | | · · · · · · · · · · · · · · · · · · · | | | |
| <u></u> | | | | | | | | | | |

| |) Car ATC | rdno° | Mon | - | y Well P mpling | | and | | ion 1.0 | | | |
|--|--|---------------------|--|-------------------|--|--|-----------------|--|---|--|--|--|
| - Al-South-Augusta and August | Shaping th | e Future | and explanately for a 250 p. Marin (Marin (Marin (e.e.))) | | | | | The state of the s | l-08 | | | |
| | Branch: Seatt | | | | Date: 1/27/15 Page of | | | | | | | |
| Cardno ATC I | Representative | e(s): Mark | Newman | 1 | Project: Coca | | | | | | | |
| Role: Geolog | ist | | | | Location: 210 | 1 Woburn St | reet, Bellingha | m, WA | | | | |
| Contact Inforr | nation: 206-7 8 | 31-1449 | | | Project No: 76 | 6.17568.0003 | | Task No: | > | | | |
| | | . ^ | | | Contractor: N | A | | | | | | |
| | ημ | 1-8 | | | Weather: | - Commenter of the Comment of the Co | | Temperature: | - | | | |
| de anno de Caralle (a la company) de la que per une conference | an a terreta e en e | Pu | rging & S | ampling In | strumentati | on & Meth | od | | The largest transfer to particular sound dept. (20) | | | |
| Water Level N | Neter (Model/ID) | : Envirotape | | | Interface Pro | be (Model/ID): N | IA | anni energia de la consenia de la c | | | | |
| Water Quality | Meter (Model/II | o): YSI 556 MPS | | | Decontamina | tion Method: | Alconox/DI Wa | ater | | | | |
| Purging Meth | od: F | PVC Bailer | Vacuum | Truck | Submersible | Pump _> | ✓ Peristaltic P | ump Other: | | | | |
| 3 Well Volum | es X | Low Flow | X M | icro Purge | Intake | Depth (feet b | pelow TOC) | 5.0 | | | | |
| Sampling Met | hod: | Teflon Bailer | Dispo | osable Bailer | _X_ Dedi | cated Tubing | Other: | | | | | |
| | Casing | Volume Infor | mation | | Purging Calculations | | | | | | | |
| Casing Diam | eter (Circle): | (2) " | 4'' 6'' | Other | Casing Volun | | | | ~ 44 | | | |
| Casing Multip | olier (CM)(gallor | ns/foot): 0.76 0. | 65 1.47 | | wc <u>7.((</u> x | CM <u>0.16</u> = | 1.14 (CV)(gal) | x 3.0 CV (gal) | = <u>\$.4</u> PV | | | |
| | | | M | onitoring I | /leasuremer | nts | | | | | | |
| Depth to LNA | PL (feet): | | Securior Sec | | Total Well De | pth (feet): | 10.00 | | | | | |
| Depth to Wat | er (DTW)(feet) |): | 2.81 | | Water Column (WC)(feet): **\frac{\mathcal{P}}{\mathcal{L}}. ((| | | | | | | |
| LNAPL Thick | ness (ft): | | - | | Purging Start Time: 9:10 | | | | | | | |
| | | | | Purgi | ng Data | | | | | | | |
| Time | DTW | Cum. Vol. Purged | Temp | Specific Cond. | Turbidity | Dissolved Oxygen | pН | ORP (mV) | Other | | | |
| (24 Hours) | (Feet) | (Gallons) | (°C) | (uS/cm) | NTU | (mg/L) | | | | | | |
| 9:26 | 2.99 | 1.0 | (± 1°) | (± 5%) | Clear | (± 10%) | (± 0.1) | (± 10 mV) | | | | |
| 9:30 | 3.16 | 2.0 | | | Clear | | | | | | | |
| 9:40 | 3.28 | 3.0 | | | - | | | | | | | |
| 9:49 | | 3.9 | | | X 4 | | | | | | | |
| 7.4. | 3.40 | 3.4 | | | | | | | | | | |
| | | | | Samr | le Data | | | | | | | |
| Sample ID: | MW-8 | Τ | ime of Sam | | | Filtered | | | · · | | | |
| <u> </u> | | & Quantities: | | | | (yes/no) | Preservatives | Analytical I | ∸arameters ——— | | | |
| 3-10AG | 1-66 | | | | | N | HCI | Gr. M. B | TEX | | | |
| | | | | | | | | | | | | |
| | | | | Well Pec | overy Data | | | | | | | |

3 well volumes or stabulized well sample at 0.01 gpm.

Purge Water Disposition (Attach Drum Inventory Log - FLD 108):

| | Cardno ° ATC |
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| | Shaping th | ne Future | | | , , | / | | Jul | -08 | | |
| Cardno ATC | Branch: Seat | tle | | | Date: 1/2 8 | 1/15 | | Page of | | | |
| Cardno ATC | Representativ | e(s): | | | Project: Coc | a-Cola Belling | jham | | | | |
| Role: Geolog | ist | | | ***** | Location: 2101 Woburn Street, Bellingham, WA | | | | | | |
| Contact Infor | mation: 206-7 | 81-1449 | | | Project No: 76.17568.0003 Task No: | | | | | | |
| | | | | | Contractor: NA | | | | | | |
| | M | 1-9 | | | Weather: | Proposition | | Temperature: | | | |
| | | Pi | urging & S | ampling In | strumentati | on & Meth | od | | | | |
| Water Level I | Vleter (Model/ID) | : Envirotape | | | Interface Pro | be (Model/ID): N | Α | | | | |
| Water Quality | Meter (Model/I | D): YSI 556 MPS | 3 | | Decontamina | tion Method: | Alconox/DI Wa | ater | | | |
| Purging Meth | od:1 | PVC Bailer _ | Vacuum | Truck | Submersible | e Pump <u>X</u> | _ Peristaltic P | ump Other: | | | |
| 3 Well Volum | es | Low Flow | X M | icro Purge | Intake | e Depth (feet b | elow TOC) | . , | | | |
| Sampling Me | thod: | Teflon Bailer | Dispo | osable Bailer | X Ded | icated Tubing | Other: | | | | |
| | Casing | Volume Info | rmation | TO COMPANIES AND TO COMPANIES AND THE COMPANIES | | Purg | ing Calcula | tions | | | |
| Casing Diam | eter (Circle): | (2") | 4'' 6'' | Other | Casing Volur | nes (CV): | 7 // | | 73 | | |
| Casing Multip | olier (CM)(gallo | ns/foot):/0.16 |).65 1.47 | | WC 15.2/ x | : CM <u>0, 16</u> = | . 4 (CV) _(gal) | x 3.0 CV (gal) = | PV | | |
| ego, man selacur escu sususumus o conservamus antiber selacurum | and Taphanappa menandan kananan menanan kananda | | M | onitoring N | leasureme | | | | | | |
| Depth to LNA | PL (feet): | | | | Total Well De | pth (feet): | 20.00. | | | | |
| Depth to Wat | er (DTW)(feet |): 4: | 79 | | Water Columi | n (WC)(feet): | 15.21 | | | | |
| LNAPL Thick | ness (ft): | Contraction of the Contraction o | | | Purging Start | Time: | 11:20 | | | | |
| | | | | Purgir | ng Data | garante de la constante de la | | | | | |
| Time | DTW | Cum. Vol. Purged | Temp | Specific Cond. | Turbidity | Dissolved Oxygen | На | ORP (mV) | Other | | |
| (24 Hours) | (Feet) | (Gallons) | (°C) (± 1°) | (uS/cm) (± 5%) | NTU | (mg/L) (± 10%) | (± 0.1) | (± 10 mV) | | | |
| 11:30 | 5.29 | 0.0 | | 12 | Clear | | | | | | |
| 11:45 | 6.01 | 2.5 | | | 67 | | | | | | |
| 12:00 | 6.27 | 4.0 | | | (1 | | | | | | |
| 12:15 | 6.43 | 5.5 | | | Ne | | | | | | |
| 12:29 | 6.66 | 1.9 | | | . 1 | | | | | | |
| | 10', | 10 | annatur kanta sarah di sambi meli sebuah di kelalah di kelalah di kelalah di kelalah di kelalah di kelalah di | Samp | le Data | a ha u anno construir de de de construir de la | | | | | |
| Sample ID: | NW-9 | | Time of Samp | CLI SANGERS (ENGINEERING BETTER OF THE COLUMN | an ann an | Filtered | Preservatives | Analytical F | | | |
| Container Ty | oes, Volumes | , & Quantities: | | | | (yes/no) | Preservatives | Analytical F | alameters | | |
| 3-40-1 | Wats, 1-1 | LAmber | | | | N | olc! | Gr, Dr, B | STEX | | |
| T. | | | | Well Rec | overy Data | | | | | | |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | Ina\/fa-1\. | | ALCH IVEC | | Flow Rate (GI | PM): 0,00 | _ A A | / | | |
| Maximum Dra | | | Slow | | % Recovery | <u> </u> | · 0, v() | -0.01 | | | |
| Recovery Typ | | Fast | | D 100\· | 1 % Necovery | | | | | | |
| Purge vvater | Disposition (A | ttach Drum Inve | intory Log - Fi | י(ממו ח־: | | ··· | | | | | |
| Comments: | | | | | | erroment and part of the second of the secon | | | and the second s | | |
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| | | | | | 3 | | Jul | -08 | |
| Cardno ATC I | ardno ATC Branch: Seattle | | | | Date: 1/2 | 7/15 | and a second and a control of the co | Page of | terre and the Specific Leaders (1995) |
| Cardno ATC Representative(s): A. Newman | | | | Project: Coca-Cola Bellingham | | | | | |
| Role: Geolog | | | | | Location: 210 |)1 Woburn Sti | reet, Bellingha | ım, WA | |
| Contact Inforr | nation: 206-7 8 | 31-1449 | | | Project No: 7 | 6.17568.0003 | | Task No: | · · · · · · · · · · · · · · · · · · · |
| a fill an a second a consideración com a mast de consideración fill a debloración de la consideración de la co | | | | | Contractor: N | IA . | | <u> </u> | |
| | MW-1 | 0 | | | Weather: | | | Temperature: | |
| | | D | uvaina 8 C. | ampling In | <u> </u> | ion & Moth | ad | | |
| | | | urging & S | amping m | strumentati | | | | maga an manan ann a ann agus ambh leadh ambhan a' birn |
| | · · · · · · · · · · · · · · · · · · · | Envirotape | | | | bbe (Model/ID): N | | | |
| Nater Quality | Meter (Model/II | o): YSI 556 MP: | 5 | | <u> </u> | | Alconox/DI W | | |
| Purging Metho | od:F | PVC Bailer _ | Vacuum | Truck | Submersibl | e Pump <u>></u> | C Peristaltic F | oump Other: | |
| 3 Well Volum | | Low Flow | | icro Purge | | | pelow TOC) | | |
| Sampling Met | hod: | The second contract of the second contract of the second | | osable Bailer | <u>X</u> Ded | licated Tubing | and the second section of the sectio | Water Control of the | |
| | AND THE PROPERTY OF THE PARTY O | Volume Info | arman amendania argineri incerni amending big | | | | ing Calcula | itions | |
| | eter (Circle): | | 4" 6" | Other | Casing Volur | mes (CV): | 240 | x 3.0 CV (gal) = | 74 |
| Casing Multip | olier (CM)(gallor | ns/foot): 0.16 | 0.65 1.47 | | | | <u> </u> | x 3.0 CV (gal) = | : <u>^ / </u> PV |
| | en en proposition de la company de la co | e de la companya del companya de la companya del companya de la co | M | onitoring N | leasureme | Name the state of | 7000 | | |
| Depth to LNA | PL (feet): | | · · | | Total Well De | | 20.00 | <u> </u> | |
| Depth to Wate | er (DTW)(feet) |): | 4.51 | | Water Colum | n (WC)(feet): | 15.4 | 7 | |
| NAPL Thickr | ness (ft): | | | | Purging Start | Time: | 10:15 | Stanger on Page announcement and some standard | g Lyg mod a fillipse emission of the fight may be found as passing |
| and the second and the second and the second are a second as the second and the second are a second as the second are a second are a second as the second are a second ar | Specimen and Assessment in Aud Drawn of the standard agreement | addressfam film og kregster og som en spesse skriver men en en og skriver og som en | | Purgir | ng Data | | | | Magazina and a same and a same a |
| Time | DTW | Cum. Vol. Purged | Temp | Specific Cond. | Turbidity | Dissolved Oxygen | рН | ORP (mV) | Other |
| (24 Hours) | (Feet) | (Gallons) | (°C) | (uS/cm) | NTU | (mg/L) | | | |
| 10:25 | 5.01 | 1 6 | (± 1°) | (± 5%) | Clear | (± 10%) | (± 0.1) | (± 10 mV) | |
| 10:35 | 5.11 | 2.0 | | | Cipaci | | | | |
| 10:45 | | | | | | | | | |
| 10:55 | 5.28 5.36 | 3.0 | | | ę · | | _ | | ···· |
| | Ļ | 4.0 | - | | 6.6 | | | | |
| 11:04 | 5.45 | 4.9 | | | | | | | |
| 2 | 11116 | | Time | www.completing.gover.com | le Data | | | | des elle constitue para de la constitue de la c |
| | MW-10 | & Oughtition | Time of Samp | ole: 11:05 | | Filtered (yes/no) | Preservatives | Analytical F | Parameter: |
| 3 - VO As | es, Volumes, | a Quantilles. | | | | N | 1101 | Gr. Dx B | TEX |
| 2 00118 | t La | | | ** | | <u> </u> | 1 | JON, WX, V | - 6-11 |
| 10.7 | | | | Well Rece | overy Data | | | | usas anarah siyasika |
| Andrews D | uudoum /DTIA! | m V(foot) | a Salada a Amerika da Perandu marangan kangan kangan kangan | TIGIT INCO | | Flow Rate (G | PM): Ø. (| | |
| AVEQUE. | wdown (DTW | m)(feet): Fast | Slow | | % Recovery | | | , | |
| Recovery Typ | TO THE RESIDENCE OF THE PARTY AND THE PARTY OF THE PARTY | Commencer in the Commen | and the second s | D 400\- | Larrecovery | | nak finanya magamusi dan seri madihara saman na seri sera madih | | |
| -urge vvater l | Disposition (A | ttach Drum Inve | entory Log - FL | ן (אטו טי: | | | | | |
| Comments: | V/~ - | 7 | , D | | | No. 1 | 1./\ 1 | 111 0 | 1. |
| ZOTTOTION (| ISI not | tunctiona. | (. surge | the Lwel | l volumes, | DIW Sta | soulized, | Collect Su | enre |
| | at 0.0 | I gpm. | | | | | | | |

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| Shaping the Future | | | | | | | | Jul | -08 |
| Cardno ATC | Branch: Seat | tle | | portunitati di si misono come a distribitati provincia para sala addicibili di Silanda | Date: 6/4/ | 115 | udan mananan arang arang arang sa dan mananan arang sa inan maning bilang sa maning mining manan-inan manang m | Page of | est et til det frest omsåde formåde startet att om det frest och det formåde startet |
| Cardno ATC | Representativ | e(s): | | | Project: Coc | a-Cola Belling | jham | L | |
| Role: Geolog | ist | | | | Location: 210 | 1 Woburn Str | eet, Bellingha | m, WA | ·· |
| Contact Infor | mation: 206-78 | 31-1449 | | | Project No: 70 | 6.17568.0003 | · | Task No: | |
| | | | | | Contractor: N | A | | L | |
| | MW-1 | | | | Weather: | ***** | | Temperature: | |
| | | D | uraina & S | amnling Inc | <u>l</u> strumentati | ion & Math | nd | | |
| \^/ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | arging & 3 | ampiniy m | | be (Model/ID): N | | | |
| | | : Envirotape | 3 | | | | Alconox/DI Wa | ator | |
| | | o): YSI 556 MPS | | | <u> </u> | | | | |
| Purging Meth | od: F | | Vacuum | ***** | Submersible | | | ump Other: | |
| 3 Well Volum | | Low Flow | | | | | elow TOC) | | |
| Sampling Me | and the common techniques in the state of the state of | Teflon Bailer | | osable Bailer | X_ Ded | | international and the contract of the contract | Name and State of the State of | Same and the same a |
| | Casing | Volume Info | ormation | | | Purg | ing Calcula | itions | |
| R | eter (Circle): | (2) | 4" 6" | Other | Casing Volur | por | and the second | | |
| Casing Multip | olier (CM)(gallor | ns/foot): 0.16 | 0.65 1.47 | | | | (CV)(gal) | x 3.0 CV (gal) = | = PV |
| | | and could be a second as a | M | onitoring N | /leasureme | and the second state of the second se | at confuguerament i successi de su mondo model emprene a di casa a secretal de model di disc | | |
| Depth to LNA | PL (feet): | | Will de Principal | | Total Well Depth (feet): 27.50 | | | | |
| Depth to Wat | er (DTW)(feet) |): | 4.32 | | Water Colum | n (WC)(feet): | 2; | 3.18 | |
| LNAPL Thick | ness (ft): | | - | | Purging Start | Time: /1:4 | 5 | | |
| | | | | Purgii | ng Data | | | | |
| Time | DTW | Cum. Vol. Purged | Temp | Specific Cond. | Turbidity | Dissolved Oxygen | pН | ORP (mV) | Other |
| (24 Hours) | (Feet) | (Gallons) | (°C) | (uS/cm) | NTU | (mg/L) | | | |
| LOLAA | 11 6 | 010 | (± 1°) 14.05 | (± 5%) | cleer | (± 10%) | (± 0,1) | (± 10 mV) -2 3. / | |
| 12:00 | 4.51 | 0.15 | 14.06 | 675 | 1/ | ` ′ | 6.49 | | |
| 12:03 | 4.63 | 0.18 | | 675 | | 1.96 | 6.49 | -23.3 | |
| 12:06 | 4.66 | 0.21 | 14.06 | 677 | 2 ' | 1.97 | 6.48 | -23-6 | |
| 12:09 | 4.69 | 0.24 | 14.07 | 677 | | 1.96 | 6.47 | -69.8 | |
| processor and the Control of the Con | | | | | | | | | made pospet parameters and the second |
| | odenska pri | | | | le Data | i dell'anno del mise e rescono i se sere se reteriore e e contra e resperso e e | | on an an armiter appellation of the control of the | |
| Sample ID: | MW-1 | 0.0 | Time of Sam | ole: 12:10 | | Filtered (yes/no) | Preservatives | Analytical F | Parameters |
| | oes, Volumes, | | 1 | | | N | HCI | 1 /87 | - D. |
| 5-40, | ni outs | 1-16 Am | ber | | | - | P(C) | br/BIEX | (VX |
| | - Control of the Cont | | | \W_U D | 010m1 D-4- | | | | one to a second and the second se |
| 2000 - 1 | | and the second s | 4.19 | weil Kec | overy Data | Flow Rate (GI | PM). | | |
| 1,7 0 | awdown (DTW | | 4.67 | | <u> </u> | ··· | PM): 6.0/ | , | |
| Recovery Typ | and the second second second second | Fast | Slow | | % Recovery | = (0.0 | | and the second s | |
| Purge Water | Disposition (A | ttach Drum Inve | entory Log - Fl | LD 108): | | | | | |
| Comments | on the second | National Section (Section (Se | | The control of the co | | na rana a la grada a christia de comencia de la actual de la comencia de la comencia de la comencia de la come | agelog per transagram et indexesser men et record del don del record del distribution de | | |
| Comments: | | | | | | | | | |
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| | Cardno° ATC |
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| F | L | D | -' | 1 |)3 | 3 |
|---|---|---|----|---|----|---|
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Revision 1.0

| - AIG Sa | | | | | npling | Loa | 1 TOVISION 1.0 | | |
|--|------------------------|--|--|--|--|--|---|--|--|
| | Shaping the Future | | | | | | | Jul | -08 |
| Cardno ATC Branch: Seattle Date: 6 | | | | | Date: 6/4/ | 15 | | Page of | |
| Cardno ATC Representative(s): M. Newmun | | | | Project: Coca-Cola Bellingham | | | | | |
| Role: Geolog | | | | | Location: 210 | 01 Woburn Sti | eet, Bellingha | m, WA | |
| Contact Infor | nation: 206-7 8 | 1-1449 | | | Project No: 7 | 6.17568.0003 | | Task No: | |
| | | | | | Contractor: N | IA | | | |
| | MW- | .5 | | | Weather: | | • • • • • • • | Temperature: | |
| | | P | uraina & S | ampling Ins | I strumentat | ion & Meth | od | | |
| Water Level N | Лeter (Model/ID): | | a.gg or o | | COLUMN TO THE PROPERTY OF THE | obe (Model/ID): N | | | |
| | Meter (Model/IC | · · · · · · · · · · · · · · · · · · · | S | | <u> </u> | | Alconox/DI Wa | ater | |
| - | ··· | | | Truok | 1 | | | | |
| | | | Vacuum | | | | Peristaltic P | | · · · · · · · · · |
| 3 Well Volum | | | X M | | | | | | |
| Sampling Met | | | | osable Bailer | X Dec | AND THE PROPERTY OF THE PROPER | | 4: | ti guntama dilakan nega tajan termini ataun teletannya ta |
| ٠ | | Volume Info | | 04- | 005:001/1 | in the second se | ing Calcula | UONS | |
| | eter (Circle): | | | Other | Casing Volu | | (0) 0: | | . 51/ |
| Casing Multip | olier (CM)(gallon | s/foot): 0.16 | 0.65 1.47 | | AND THE PROPERTY OF THE PROPER | | (CV)(gal) | X 3.0 GV (gal) = | = PV |
| Double to I NIA | DL (foot) | | IVI *********************************** | onitoring N | | A COMPANY OF THE CONTRACT OF THE PARTY OF TH | 2/00 | 3 | |
| Depth to LNA | | | 2 79 | | Total Well Depth (feet): 25.00 Water Column (WC)(feet): 21.6 | | | | |
| | er (DTW)(feet) | : | 3.39 | | | | | | |
| LNAPL Thick | ness (ft): | No. of the second secon | | | Purging Start | : Time: | 11:00 | | |
| W. 10-10-10-10-10-10-10-10-10-10-10-10-10-1 | | | | | ng Data | | | | • |
| Time | DTW | Cum. Vol. Purged | Temp | Specific Cond. | Turbidity | Dissolved Oxygen | рН | ORP (mV) | Other |
| (24 Hours) | (Feet) | (Gallons) | (°C) | (uS/cm) | NTU | (mg/L) | | | |
| | | | (± 1°) | (± 5%) | and the second s | (± 10%) | (± 0.1) | (± 10 mV) | |
| 11:15 | 3.49 | | 14.27 | 665 | Clear | 2.11 | | -15.(| |
| 11:18 | 3.58 | 0.18 | 14.28 | 665 | ١, | 2.17 | 8.21 | -15.2 | |
| 11:21 | 3.64 | | 14.28 | 663 | 1.1 | 2.15 | 8.20 | -15.4 | |
| 11:24 | 3.70 | 0.24 | 14.26 | 663 | 1 (| 2.22 | 8.22 | -15,2 | |
| | | | • | | | | | | |
| | | Annual Control of the | de announce plante anno de la constitución de la co | Samp | le Data | | | | |
| Sample ID: | MW-5 | | Time of Samp | ole: 11:25 | Salamin (1990) (1996) (| Filtered | Preservatives | Analytical F | Parameters |
| | oes, Volumes, | & Quantities: | *** | | | (yes/no) | 1 leservatives | | |
| 3-0 | 10Ac, 16 | | | | | N | HICI | Gx, Dx, VO | C5 |
| | | | | | | | | | |
| The state of the s | | | | Well Reco | overy Data | | | | |
| Maximum Dra | awdown (DTW | m)(feet): | 3.70 |) | Approximate | Flow Rate (Gl | ^{⊃M):} Ø.ø(| | |
| Recovery Typ | e: | <i>C</i> _ Fast | Slow | | % Recovery | = 100 | | anna ann an an ann an an an Ann a | |
| Purge Water | Disposition (At | tach Drum Inv | entory Log - Fl | LD 108): | | | | | |
| | | | | | | | | | AMERICAN CHICA PROTECTION OF THE PROTECTION OF T |
| Comments: | | | | general neuronal antique de la competition della | | | THE REAL PROPERTY AND ADDRESS OF THE PROPERTY | A CONTRACTOR AND A CONT | |
| | | | | | | | | | |
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| | Cardno° ATC |
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| FLD-103 |
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Davisian 4.6

| ATC | | | Sampling Log | | | Revision 1.0 | | | |
|--|--|--|---------------|---|---------------------------|----------------------|-----------------|---|------------|
| | Shaping the | e Future | • | | Jul-08 | | | | -08 |
| Cardno ATC Branch: Seattle | | | | Date: 6/4//5 Page of | | | | | |
| Cardno ATC I | Representative | e(s): M. New | ma n | | Project: Coc | a-Cola Belling | ham | L | |
| Role: Geolog | | | | | Location: 210 | 1 Woburn Str | eet, Bellingha | m, WA | |
| Contact Inform | nation: 206-78 | 1-1449 | | | Project No: 70 | 6.17568.0003 | | Task No: | |
| | 00 (1) | Λ | | e vermenne en | Contractor: N | A | | <u> </u> | |
| | MW- | 8 | | | Weather: | | | Temperature: | |
| | | Pi | urging & Sa | ampling Ins | strumentati | on & Metho | od | | |
| Water Level N | /leter (Model/ID): | Envirotape - | | | Interface Pro | be (Model/ID): N | A | | |
| Water Quality | Meter (Model/ID |): YSI 556 MPS | 3 | | Decontamina | ation Method: | Alconox/DI Wa | ater | |
| Purging Metho | od:P | VC Bailer _ | Vacuum | Truck | Submersible | e Pump <u>X</u> | _ Peristaltic P | ump Other: | |
| 3 Well Volume | es | Low Flow | X Mi | cro Purge | Intake | e Depth (feet b | elow TOC) | .0 | |
| Sampling Met | hod: | Teflon Bailer | • | | | | | | |
| | Casing \ | Volume Info | rmation | | | Purg | ing Calcula | tions | |
| Casing Diam | eter (Circle): | <i>O</i> 2" | 4" 6" | Other | Casing Volur | nes (CV): | | | |
| Casing Multip | olier (CM)(gallon | s/foot): 0.16 (| 0.65 1.47 | | wcx | : CM= | (CV)(gal) | x 3.0 CV (gal) = | : PV |
| | | | M | onitoring N | leasuremei | | | | |
| Depth to LNA | PL (feet): | | - | | Total Well Depth (feet): | | | | |
| Depth to Wate | er (DTW)(feet) | : | 3.75 | | Water Colum | n (WC)(feet): | 6.25 | | |
| LNAPL Thickr | ness (ft): | - | | | Purging Start Time: 10:20 | | | | |
| | | | | Purgir | ng Data | | | - | |
| Time | DTW | Cum. Vol. Purged | Temp | Specific Cond. | Turbidity | Dissolved Oxygen | рН | ORP (mV) | Other |
| (24 Hours) | (Feet) | (Gallons) | (°C) | (uS/cm) | NTU | (mg/L) | | , , | |
| 9 8 | 2 00 | 0.15 | (± 1°) | (± 5%) | Class | (± 10%) | (± 0.1) | (± 10 mV) | |
| 10:35 | 3.89 3.91 | 0.18 | 17.33 | 115 | Clear | 1.48 | 6.79 | -15.6 | |
| 10:38 | | 0.21 | 17.35 | | 16 | 1.45 | | -15.7 | |
| 10:41 | 3.98 | | 17.37 | 114 | ((| 1.53 | 6.76 | -15.2 | |
| 10:44 | 4.01 | 6.24 | 17.40 | 114 | ((| 1.59 | 6.75 | - 14.8 | |
| | <u>afanojanojes esculikikis tronomenos esco</u> nome | | | Samn | le Data | | | | |
| Sample ID: | MW-8 | | Time of Samp | Contraction and the contraction of the contraction | | | | | |
| Container Typ | <u> </u> | & Quantities: | Time or earns | 710. VV. F | > | Filtered (yes/no) | Preservatives | Analytical F | Parameters |
| 3-104 | 15//- | | | | | | | | |
| <i>y v</i> · · · · · · · · · · · · · · · · · · · | , | | i tuu | | · • · | | | | |
| December 2001 of the medical contraction of the c | The state of the s | entrennen med statt at til en til | | Well Reco | overy Data | | | an en | |
| Maximum Dra | wdown (DT\N/ | m)(feet): | 4,0 | TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT | - | Flow Rate (GF | PM): 0.01 | | |
| Recovery Typ | | | Slow | | % Recovery | = 100 | | | |
| (encoderned at the large of the design of the large of th | | tach Drum Inve | | .D 108): | | | | | - |
| | | | , | /- | | | | | |
| Comments: | | | | | | | | | |
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| | Cardno° ATC |
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FLD-103

| ATC | | Sampling Log | | | Revision 1.0 | | | | |
|--------------------------------|--|--|---------------------------------------|-------------------|--|--|--|--|--|
| Shaping the Future | | | , , | , | | Ju | I-08 | | |
| Cardno ATC Branch: Seattle | | | Date: 6/4/ | 19 | | Page of | • | | |
| Cardno ATC | Representative | e(s): | | | Project: Coc | a-Cola Belling | gham | | |
| Role: Geolog | ist | | | | Location: 210 | 1 Woburn Str | eet, Bellingha | m, WA | |
| Contact Infor | mation: 206-7 8 | 31-1449 | | | Project No: 7 | 6.17568.0003 | | Task No: | |
| | | | | | Contractor: N | Α | ··· | L | |
| | MU | -9 | | | Weather: | | | Temperature: | |
| | | · | uraina & S | amnling Inc | <u>l</u> strumentati | ion & Meth | od | | |
| Mater Loyal D | Motor us a university | Манерине, по заправно по принаванне форму | arging & o | ampinig m | • | be (Model/ID): N | Colorin in Self of the control of th | | et nije spyci sacurnu sacooxides en blour oce all Studio experition |
| | Vieter (Model/ID): | | · · · · · · · · · · · · · · · · · · · | | | | Alconox/DI W | ator | |
| | · | o): YSI 556 MPS | | | 1 | .1.999-20 | | | ··· |
| Purging Meth | od:F | PVC Bailer _ | Vacuum | Truck | | | Peristaltic P | | |
| 3 Well Volum | | | X M | | | | elow TOC) | ******* | |
| Sampling Me | | Teflon Bailer | | osable Bailer | <u>X</u> Ded | namen and a supplied the supplied of the suppl | entra recognitivo de la constante de la consta | COLUMN TO THE PROPERTY AND ADDRESS OF THE PROPERTY OF THE PROP | and properly the general section of the large signal field as we a transfer an extensive |
| | | Volume Info | | | | Marine Control of the | ing Calcula | itions | |
| Casing Diam | eter (Circle): | <u>(2)</u> | 4" 6" | Other | -1 | nes (CV): | | | |
| Casing Multi | plier (CM)(gallor | ns/foot):(0.16 (| 0.65 1.47 | | | name with product a standard and with a standard standard | (CV)(gal) | x 3.0 CV (gal) | =PV |
| | | are the second s | M | onitoring N | /leasureme | | | processor accessor de manager y encourse de la delega II de décido | |
| Depth to LNA | | | | | Total Well Depth (feet): | | | | |
| Depth to Wat | er (DTW)(feet) |): 5 | 5.11 | | Water Column (WC)(feet): | | | | |
| LNAPL Thick | ness (ft): | | | | Purging Start Time: /3:/5 | | | | |
| | | | | Purgii | ng Data | | | | |
| Time | DTW | Cum. Vol. Purged | Temp | Specific Cond. | Turbidity | Dissolved Oxygen | рН | ORP (mV) | Other |
| (24 Hours) | (Feet) | (Gallons) | (°C) (± 1°) | (uS/cm) (± 5%) | NTU | (mg/L) (± 10%) | (± 0.1) | (± 10 mV) | |
| 13:30 | 5.30 | 0.15 | 16.98 | 1048 | clear | 6.11 | 7.86 | 25.6 | |
| 13:33 | 5.35 | 0.18 | 17-11 | 1044 | 10 | 1.06 | 7.84 | 23.6 | |
| 13:36 | 5-39 | 0.21 | 17.22 | 1048 | () | 1.02 | | 22.6 | |
| 13:39 | 5.42 | 0.24 | 1220 | 1044 | n | 1.02 | 7.84 | 22.1 | |
| | | | | | | | · · · · · · · · · · · · · · · · · · · | | |
| | | | | Samp | le Data | de lancement de control en en periodo de la companya de la company | and the second the second teacher remove the mapping of the first particle to make the | | |
| Sample ID: | MW-9 | mentendi (ili) di distributi di sidi di sidi serimbi di sidi di distributi di mentendi di perdistributi di sid | Time of Sam | | Consumer of the Announce of th | Filtered | Drogonic ¹ : | Analytical | Parameters |
| Container Ty | oes, Volumes, | | | | | (yes/no) | Preservatives | Analytical | r arameters |
| z.40n | 1 VOAS | , | | | | N | HC(| bo', Dx, | BIEX |
| | na an a | | | | - · | | | and the second s | |
| | | · | | Well Rec | overy Data | Flow Pata /O | | n / | |
| Maximum Drawdown (DTWm)(feet): | | | | | Approximate Flow Rate (GPM): 0, 9/ | | | | |
| Recovery Typ | oe: | Fast | Slow | | % Recovery | = 120 | | med distances, and the second sec | |
| Purge Water | Disposition (A | ttach Drum Inve | entory Log - Fl | LD 108): | | | | | |
| | | | | | | | | | |
| Comments: | | | | | | | | | |
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Devision 4.6

| | ATC | | | Sar | npling | Log | | Revisi | on 1.0 |
|---|---|---|--|--|--|---------------------------------------|-----------------|---|------------|
| | Shaping the | e Future | | | . 0 | , , | | Jul | -08 |
| Cardno ATC I | Cardno ATC Branch: Seattle | | | Date: | 1/15 | | Page (of | | |
| Cardno ATC I | Representative | e(s): | | | Project! Coc | a-Cola Belling | jham | J., | |
| Role: Geolog | ist | | | | Location: 210 |)1 Woburn Str | eet, Bellingha | m, WA | |
| Contact Inforr | nation: 206-78 | 1-1449 | | | Project No: 7 | 6.17568.0003 | | Task No: | |
| | | | ety <u>(interpretation</u> cost to annutation of costs to its 100-1009 homeo | | Contractor: N | IA | | | |
| | MW- | 10 | | | Weather: | lear | | Temperature: | |
| | | P | urging & S | ampling Ins | strumentat | ion & Meth | od | 3 - 2 (1 | |
| Water Level N | /leter (Model/ID): | Envirotape - | | | Interface Pro | bbe (Model/ID): N | Α | | |
| Water Quality | Meter (Model/IE |): YSI 556 MP: | 3 | | Decontamina | ation Method: | Alconox/DI W | ater | |
| Purging Meth | od:F | VC Bailer _ | Vacuum | Truck | Submersibl | e Pump <u>X</u> | _ Peristaltic P | ump Other: | |
| 3 Well Volum | es | Low Flow | X M | icro Purge | Intak | e Depth (feet b | elow TOC) | 7.00 | |
| Sampling Met | hod: | Teflon Bailer | Dispo | osable Bailer | <u>`X</u> Dec | licated Tubing | Other: | | |
| para na manara i antara pai manda pad gard 1971 i manda atau i sa tanà | Casing ' | Volume Info | ormation | in a subdictable of characteristic field on the characteristic control of the characteristic con | | Purg | ing Calcula | itions | |
| Casing Diam | eter (Circle): | Ø | 4" 6" | Other | Casing Volu | | | | |
| Casing Multip | olier (CM)(gallor | ns/foot): 0.16 | 0.65 1.47 | |] wc> | k CM= | (CV)(gal) | x 3.0 CV (gal) | = PV |
| | | | M | onitoring N | /leasureme | | | | |
| Depth to LNA | PL (feet): | | and the same of th | | Total Well Depth (feet): 20,00 Water Column (WC)(feet): 14,83 | | | | |
| Depth to Wate | er (DTW)(feet) | : | 5.1 | 7 | Water Column (WC)(feet): 14.83 | | | | |
| LNAPL Thick | ness (ft): | | 400ccm- | | Purging Start Time: 12:25 | | | | |
| | | | | Purgir | ng Data | | | | |
| Time | DTW | Cum. Vol. Purged | Temp | Specific Cond. | Turbidity | Dissolved Oxygen | рН | ORP (mV) | Other |
| (24 Hours) | (Feet) | (Gallons) | (°C) (± 1°) | (uS/cm) (± 5%) | NTU | (mg/L) (± 10%) | (± 0.1) | (± 10 mV) | |
| 12:40 | 5.28 | 0.15 | 16.17 | 226 | cleur | 1.90 | 7.97 | 104.0 | |
| 12:43 | 5.35 | 0.18 | 16.17 | 220 | ٠. د | 1-88 | 2.28 | 103.1 | |
| 12:46 | 5.37 | 0.21 | 16.17 | 207 | (, | 1.7(| 7.24 | 101.9 | |
| 12:49 | 5.40 | 0.24 | 16.19 | 201 | 1, | 1.66 | 7.94 | 1043 | |
| | | | | 1992 | | | | | |
| | -0.00 (10 states a reference de l'allegeme que dell'allegement de co | | | | le Data | | | ng para sama na manahisi sa | |
| | MW-10 | | Time of Sam | ole: (2.50 | 0 | Filtered (yes/no) | Preservatives | Analytical I | Parameters |
| | oes, Volumes, | | | | | · · · · · · · · · · · · · · · · · · · | (la l | Λ λ | 271 |
| 3-40M Vats 1-12 | | | | | = | N | rel | Gr. Da, | 615/ |
| | | encertagijas Pelakkias pod se na a a a a a a a a a a a a a a a a a a | b | Well Rec | overy Data | 1 | | | |
| Maximum Dec | wdown (DTW | m)(feet): | 5-40 | | | Flow Rate (Gl | PM): 0.0 | 1 | |
| Recovery Typ | | <i>m</i> (reet). ∕Fast | <i>ک) ۔ د</i> Slow | | % Recovery | = 100 | | 1 | -R |
| Contract of the second | ACTION OF THE PROPERTY OF THE | ttach Drum Inv | Anna ann an Aireann an | LD 108): | | | | | |
| i digo vvalel | Ciopodition (A | adi Didil illy | onto y Log 11 | 50/. | | | | | |
| Comments: | | | | | | | | | |
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| | Cardno ° ATC |
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Monitoring Well Purging and

| +L | D-1 | 03 | |
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| ATC Shaping the Future | | | npling Log | | | Revision 1.0 | | | |
|--|--|--|--|--|--|----------------------|--|--|--|
| | | | Jul-08 | | | | -08 | | |
| Cardno ATC | Branch: Seat | tle | Anticonstruction of the second colored colored second seco | gelghinn ann isticeann acus ar an an ann ann ann ann ann ann an | Date: 9/ | 18/15 | | Page of | |
| Cardno ATC | Representativ | e(s): | | | Project: Coc | a-Cola Belling | ham | | |
| Role: Geolog | ist | | | | Location: 210 | 1 Woburn Str | eet, Bellingha | ım, WA | |
| Contact Infor | mation: 206-7 | 81-1449 | | | Project No: 7 | 6.17568.0003 | | Task No: | |
| | • | And the second s | us er annet e novembru Aricolò s'orbins violò fil d'al trant, que talé un syngu construine | i permusakan menerakan kebuah dan menerum menerum menerum dan menerum dan menerum dan menerum dan menerum dan Terum menerum dan menerum | Contractor: N | Ā | | | |
| | | MW- | | | Weather: | | | Temperature: | |
| | | Р | urging & S | ampling In | strumentati | ion & Metho | od | de exectorio messe e en messe e en messe de encida | |
| Water Level N | /leter (Model/ID) | : Envirotape | | | Interface Pro | be (Model/ID): N | A | | and the state of t |
| Water Quality | Meter (Model/II | D): YSI 556 MP | S | | Decontamina | ation Method: | Alconox/DI W | ater | |
| Purging Meth | od:1 | PVC Bailer _ | Vacuum | Truck | Submersible | e Pump <u>X</u> | _ Peristaltic P | ump Other: | |
| 3 Well Volum | | Low Flow | X M | licro Purge | Intake | e Depth (feet b | elow TOC) | 6.50 | |
| Sampling Me | hod: | Teflon Bailer | Disp | osable Bailer | _X_ Ded | licated Tubing | Other: | | |
| | Casing | Volume Inf | ormation | | | Purg | ing Calcula | itions | e de la companya de la conferencia de la companya |
| Casing Diam | eter (Circle): | (3) | 4'' 6'' | Other | Casing Volur | nes (CV): | | | |
| Casing Multip | olier (CM)(gallo | ns/foot): 0.16 | 0.65 1.47 | .,** | wcx | CM= | (CV)(gal) | x 3.0 CV (gal) = | =PV |
| | | | IVI | onitoring N | leasureme | nts | rent minera no de utilitare para e ellevaren dissance e elle | | |
| Depth to LNA | PL (feet): | | | | Total Well Depth (feet): 27.50 | | | | |
| Depth to Wat | er (DTW)(feet |): 4. | 36 | | Water Column (WC)(feet): 2, 3,14 | | | | |
| LNAPL Thick | ness (ft): | | | | Purging Start Time: 12:20 | | | | |
| | | | | Purgir | ng Data | | | | |
| Time | DTW | Cum. Vol. Purged | Temp | Specific Cond. | Turbidity | Dissolved Oxygen | рН | ORP (mV) | Other |
| (24 Hours) | (Feet) | (Gallons) | (°C) | (uS/cm) (± 5%) | NTU | (mg/L) (± 10%) | (± 0.1) | (± 10 mV) | |
| 12:30 | 4.39 | 0.10 | 15:31 | 640 | Clear | 6400d | 188 | .22 3 | |
| 12:33 | 4.4 | 0.13 | 19.40 | 640 | 69 | 0.84 | 7.57 | 77.7 | |
| ±2:36 | 4.41 | 0.16 | 15.40 | 340 | (*) | 10.03 | 200 | 122.6 | |
| 12:39 | 4.42 | 0.19 | \$ 60 | 640 | (* | 0.82 | 7.71 | 13.0 | |
| | | | | | | | | | Page 1 |
| | | | | _ | le Data | | | | |
| Sample ID: | MW-1 | | Time of Sam | ple: 12:40 |) | Filtered (yes/no) | Preservatives | Analytical F | Parameters |
| | | & Quantities: | | | 1.07 | (yesine) | HCL | 0. 110 | 7 X |
| 5-40% | al VOAC | 1-12 | \ | | | 7000 | RY | OF | |
| | of the later was a second or the supply of the later of the supply | | 1 | Well Rec | overy Data | | | | |
| Maximum Dra | awdown (DT\A | lm)(feet): | 4.42 | | Suggested the company of the second s | Flow Rate (GF | PM): 📆 🐧 | 1 | |
| Maximum Drawdown (DTWm)(feet): 7.42 Approximate Flow Nate (GFW). Recovery Type: Slow % Recovery = 100 | | | | | | | | | |
| pro-consultation-physical consultation | | ttach Drum Inv | with the state of | LD 108): | | | anna dhan maca asana darena darena e cawal dha way dhallana abhada abhada abhada abhada abhada abhada abhada a | and and an experience to construct the construction of the constru | |
| . algo vacol | - 100000011 (7 | | ,3 | , · - , · | | , | | | |
| Comments: | en e | un territoria de la companya de la fina persona de la companya de la companya de la companya de la companya de | | | | | | identamentamentamentamentamentamentamentam | es es es estados en <mark>electronista de l</mark> egis en en el constante en el constante en el constante en el constante en e |
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| F | L. | D | -1 | 0 | 3 |
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Revision 1.0

| | Shaping the | e Future | | | 9 | 9 | | Jul | -08 |
|-------------------------------------|--|--|--|--|--|---------------------|--|--|------------|
| Cardno ATC E | Cardno ATC Branch: Seattle | | | Date: 9/ | 18/15 | | Page / of | 1 | |
| Cardno ATC F | Representative | e(s): Mark M | 'WMan | | Project: Coc | a-Cola Belling | ham | L | |
| Role: Geolog | | 7 14 14 0 | | | Location: 210 | 1 Woburn Str | eet, Bellingha | m, WA | |
| Contact Inform | nation: 206-78 | 1-1449 | | | Project No: 76 | 6.17568,0003 | | Task No: | |
| | | ligen og gåde til stem en som undersom unversom krimte krimte frederikke i krimte skiller. | | | Contractor: N | Α. | | | |
| / | nw-5 | | | | Weather: | · · | | Temperature: | |
| | | P | urging & Sa | ampling Ins | strumentati | on & Metho | od | | |
| Water Level N | /leter (Model/ID): | Envirotape | | | Interface Pro | be (Model/ID): N | A | | |
| Water Quality | Meter (Model/ID |): YSI 556 MP | S | | Decontamina | tion Method: | Alconox/DI Wa | ater | |
| Purging Metho | od:P | VC Bailer _ | Vacuum | Truck | Submersible | e Pump <u>X</u> | _ Peristaltic P | | |
| 3 Well Volume | es | Low Flow | <u>X</u> Mi | cro Purge | Intake | Depth (feet b | elow TOC) | 6.00 | |
| Sampling Met | hod: | Teflon Bailer | Dispo | sable Bailer | X Ded | icated Tubing | Other: | | |
| | Casing \ | Volume Info | ormation | | | Purg | ing Calcula | tions | |
| Casing Diam | eter (Circle): | (2") | 4" 6" | Other | Casing Volun | nes (CV): | | | |
| Casing Multip | lier (CM)(gallon | s/foot): 0.16 | 0.65 1.47 | | wcx | CM= | (CV)(gal) | x 3.0 CV (gal) = | =PV |
| | | | Me | onitoring N | leasuremer | າts | | | |
| Depth to LNAPL (feet): | | | | | Total Well Depth (feet): 25.00 | | | | |
| Depth to Water (DTW)(feet): 4.35 | | | | | Water Column (WC)(feet): 20.65 | | | | |
| LNAPL Thickr | ness (ft): | | | | Purging Start Time: //:00 | | | | |
| | | | | Purgir | ng Data | | | | |
| Time | DTW | Cum. Vol. Purged | Temp | Specific Cond. | Turbidity | Dissolved Oxygen | рН | ORP (mV) | Other |
| (24 Hours) | (Feet) | (Gallons) | (°C) | (uS/cm) | NTU | (mg/L) | (1.0.4) | /1 40 mm\/) | |
| 11:15 | 4.41 | 0.10 | (± 1°) 17.76 | (± 5%) 614 | clear | (± 10%) | (± 0.1) 8.10 | (± 10 mV) | |
| 11:18 | 4.45 | 0.13 | 17.76 | 614 | L. | 3.09 | 8.09 | -386 | |
| 11:2/ | 4.46 | 0.16 | 17.77 | 6 14 | (+ | 3.07 | 8.09 | *38.7 | |
| 11:24 * | 4.48 | 0.19 | 17.78 | 614 | VI | 3.05 | 8.09 | -38.6 | Oliver V |
| . 10 | | | PIPI | | | | | 77.70 | |
| | | | | Samp | le Data | | Section 2011 | | |
| Sample ID: . | nw-5 | | Time of Samp | and the second s | en 1900 de la servicio de la composição de | Filtered | Preservatives | Analytical F | Parameters |
| | es, Volumes, | | | | | (yes/no) | | Analyticari | alameters |
| 3-10 | 19, 1-16 | | | | | N | HC(| 6x, Dx, 5 | IEX |
| | | | | | | | | | |
| | | | | Well Reco | overy Data | | | ggge englandelle en Britanne en | |
| Maximum Drawdown (DTWm)(feet): 4:48 | | | | | Approximate | Flow Rate (GF | | | |
| Recovery Typ | e: | X Fast | Slow | | % Recovery | ∷ | 0 | | |
| Purge Water I | Disposition (At | tach Drum Inv | entory Log - FL | .D 108): | | | | | |
| | NIMA HARAN AND DESIREMENT OF THE SECOND SECO | | Parket State of Lands 100 and State of Lands 100 and Lands | | | | and the second s | | |
| Comments: | | A STATE OF THE STA | | | | | | | |
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|--|--|---|--|--|--|--|--|--|---|--|--|
| Shaping the Future | | | | | | Jul | -08 | | | | |
| Cardno ATC | Branch: Seatt | ile | | | Date: 9/(s | 8/15 | n engagenia in menancia di sistema en es en estado biolo es en figilia de melo melonia en entre en estado en e | Page / of | | | |
| Cardno ATC | Representative | e(s): Mark M | "lwman | 12.720 | Project: Coc | a-Cola Belling | jham | L | | | |
| Role: Geolog | | 7 106115 / | | | Location: 210 | 1 Woburn Str | eet, Bellingha | m, WA | | | |
| Contact Infor | mation: 206-7 8 | 31-1449 | | | Project No: 7 | 6.17568.0003 | | Task No: | | | |
| | | | | | Contractor: N | | | <u></u> | | | |
| | MW-8 | | | | Weather: | | | Temperature: | | | |
| ggart anna ann agus a sua ann ann ann an an Air ann an an Air an Air ann an an Air an Air an Air an Air an Air | 1 | r/majsumajs/municipalseen accommon pared filled primer on | | | | and the second second section of the second second section Alg. The second section Alg. The second section sec | | Temperature. | | | |
| | | P | urging & S | ampling In | strumentati | ion & Meth | od | Self-construction of the Construction of the C | en hill and Adams consumony with enteres find a stimum bost compagn | | |
| Water Level I | Vieter (Model/ID) | : Envirotape | | | Interface Pro | be (Model/ID): N | Α | | | | |
| Water Quality | / Meter (Model/II | o): YSI 556 MP | S | | Decontamina | ation Method: | Alconox/DI Wa | ater | | | |
| Purging Meth | od:F | PVC Bailer _ | Vacuum | | Submersible | | | | | | |
| 3 Well Volum | ies | Low Flow | X M | icro Purge | Intak | e Depth (feet b | elow TOC) | 6.50 | | | |
| Sampling Me | thod: | Teflon Bailer | | osable Bailer | _X_ Ded | licated Tubing | Other: | | | | |
| | Casing | Volume Info | ormation | anggaligipundag a mad da d a ina da anada anada atau a mana atau ang atau anada atau anada atau anada atau anada | | Purg | ing Calcula | tions | | | |
| Casing Diam | neter (Circle): | (2') | 4'' 6'' | Other | Casing Volum | mes (CV): | | | | | |
| | plier (CM)(gallor | ns/foot): (0.16) | 0.65 1.47 | | wc> | c CM= | (CV)(gal) | x 3.0 CV (gal) : | = PV | | |
| | | | | onitoring N | /leasureme | | | | | | |
| Depth to LNA | NPL (feet): | | er en folken hat en fan ste fan de fan en ste fan en fan 'n 1900 en fan en fan en fan en fan en fan en fan en | deciments his first annual printing and a street and a server of the common | Total Well Depth (feet): [0.50 | | | | | | |
| Depth to Wat | er (DTW)(feet |): | 4.31 | | Water Column (WC)(feet): 5. 69 | | | | | | |
| LNAPL Thick | | | 7 | | Purging Start Time: (1:40 | | | | | | |
| | | | | Purgi | ng Data | | | | | | |
| | | Cum, Vol. | | Specific | | Dissolved | | ORP | | | |
| Time | DTW | Purged | Temp | Cond. | Turbidity | Oxygen | pH | (mV) | Other | | |
| (24 Hours) | (Feet) | (Gallons) | (°C) | (uS/cm) | NTU | (mg/L) | | | | | |
| | | | (± 1°) | (± 5%) | | (± 10%) | (± 0.1) | (± 10 mV) | | | |
| 11:55 | 4.39 | 0.0 | 18.65 | 126 | clear | 1.79 | 7.59 | -22.3 | | | |
| 11:58 | 4.40 | 0.(0) | 18.64 | 125 | 1' | 1.65 | 7.50 | -22.2 | | | |
| (2:0) | 4.41 | 0.16 | 18.63 | 125 | | 1.54 | 7.54 | -21.9 | | | |
| 12:04 | 4.4.2 | 0.19 | 18.63 | 125 | +(| 1.48 | 7.52 | -21.5 | | | |
| 1 (12) | | | | | | | | | | | |
| | | | | Samp | le Data | | | | | | |
| Sample ID: | MW-8 | | Time of Sam | ple: <i>[2:0]</i> | | Filtered | Preservatives | Analytical I | Parameters | | |
| | pes, Volumes, | | <u> </u> | | | (yes/no) | | | D TY CY | | |
| 3-40ml 1-16 | | | | | | N | HCI | Ger, Day | SIEA | | |
| | | | | | tille servere som er | | | | | | |
| | erit ald 1 to Arton 1 mojor del Francisco (1 mojor de Arton 1 mojor de Arton 1 mojor de Arton 1 mojor de Arton | | | entropy of the second second | overy Data | | | | e Commence destructive and the second | | |
| Maximum Dra | awdown (DTW | m)(feet): | 4.4 | <u> </u> | <u> </u> | Flow Rate (GI | PM): ∂.∂/ | | | | |
| Recovery Typ | oe: | Fast | Slow | | % Recovery | = (00 | | | | | |
| Purge Water | Disposition (A | ttach Drum Inv | entory Log - F | LD 108): | | <u> </u> | | | | | |
| | | | | | | Serger and the second seco | | | outanaisti est en siste i su su con est | | |
| Comments: | | | A STATE OF THE STA | | | | | | , | | |
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Revision 1.0

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| Shaping the Future | | | | | Jul-08 | | | | | | |
| | Branch: Seatt | | | | Date: 9/18/ | | | Page of | | | |
| Cardno ATC Representative(s): Mark Newmun | | | | | | a-Cola Bellinç | | | | | |
| Role: Geolog | ist | | | | Location: 210 | 01 Woburn Str | eet, Bellingha | m, WA | | | |
| Contact Inforr | nation: 206-7 8 | 31-1449 | | | Project No: 7 | 6.17568.0003 | | Task No: | | | |
| O TO THE | | | | | Contractor: N | IA | | | | | |
| | MW-9 | <i>,</i> | | And the second s | Weather: | | | Temperature: | | | |
| | | Р | urging & S | ampling In | strumentat | ion & Meth | od | | | | |
| Water Level N | /leter (Model/ID): | : Envirotape | | | Interface Pro | obe (Model/ID) : N | A | etenzionete anti eta protincia di idea destre proprio destre ministra di acconstitui | | | |
| Water Quality | Meter (Model/III | o): YSI 556 M P | S | | Decontamin | ation Method: | Alconox/DI Wa | ater | | | |
| Purging Metho | od:F | VC Bailer | Vacuum | Truck | Submersibl | le Pump <u>X</u> | _ Peristaltic P | ump Other: | | | |
| 3 Well Volum | es | Low Flow | _X_ M | icro Purge | Intak | e Depth (feet b | elow TOC) | 7.00 | | | |
| Sampling Met | hod: | Teflon Bailer | Disp | osable Bailer | | dicated Tubing | | | | | |
| | Casing | Volume Inf | ormation | ng (Sama) ang kananan mangkanan na mananan na mananan na manan | | Purg | ing Calcula | tions | | | |
| Casing Diam | eter (Circle): | (2'') | 4'' 6'' | Other | Casing Volu | mes (CV): | | | | | |
| Casing Multip | olier (CM)(gallor | ns/foot):(0.16) | 0.65 1.47 | | wc; | × CM = _ | (CV)(gal) | x 3.0 CV (gal) = | =PV | | |
| | | | IVI | onitoring N | /leasureme | nts | | | | | |
| Depth to LNA | PL (feet): | | | | Total Well Depth (feet): 20.00 | | | | | | |
| Depth to Wate | er (DTW)(feet) |): | 5.35 | | Water Column (WC)(feet): 14.65 | | | | | | |
| LNAPL Thick | ness (ft): | | | | Purging Start | t Time: | 10:00 | | | | |
| | age to the beginning of the same of the behavior of the property of the same o | | | Purgir | ng Data | | | | | | |
| Time | DTW | Cum. Vol. Purged | Temp | Specific Cond. | Turbidity | Dissolved Oxygen | рН | ORP (mV) | Other | | |
| (24 Hours) | (Feet) | (Gallons) | (°C) | (uS/cm) | NTU | (mg/L) | | | | | |
| 10112 | 5.39 | 0.10 | (± 1°) 20.26 | (± 5%) 483 | clear | (± 10%) 0.93 | (± 0.1) 7.78 | (± 10 mV) -42.0 | | | |
| 10:15 | | | | 982 | ir | | | -47.0 | | | |
| 10:18 | 5.40 5.41 | 0.13 | 20.36 | 187 | | 0.88 | | -46.9 | | | |
| 10:21 | 5.42 | 0.16 | 20.40 | 482 | 11 | 0.85 | 7.77 | -46.9 | | | |
| 10,24 | 5.70 | γ.,γ | 1 2010 | 1 | <u> </u> | 0.87 | 277,30 | .0. | | | |
| | | | | Samp | le Data | | | | | | |
| Sample ID: / | 441-9 | | Time of Sam | C. C | TO DULL | Filtered | | | | | |
| Container Typ | | & Quantities: | ·Ļ | (0.75 | | (yes/no) | Preservatives | Analytical F | Parameters | | |
| 3 - 4 | | | Amber | | | N | HCI | Gx, BTE | x, D_x | | |
| | | | | | | | | - | en anne ann an ann an an an an an an an an an a | | |
| | a to a transport to company or property and the second displacement of the second second second second second | | | Well Rec | overy Data | Flam Ball (Cr | 7A A\. * | | | | |
| Maximum Dra | wdown (DTW | | 7.42 | | | Flow Rate (GF | 1VI): 0.01 | | | | |
| Recovery Type: Fast Slow % Recovery = \landbelow 60 % | | | | | | | | | | | |
| Purge Water I | Disposition (A | ttach Drum Inv | entory Log - F | LD 108): | | | | | · | | |
| | ood Mark Adverting opening in the Lates of the Control of the Control | menganan menganan kanganan kepada ang akai senarah da 1 200 mengan ber | ecces//// == 14 John Child Children song prosperiorism measuremen | | | | | | | | |
| Comments: | | | | | | | | | | | |
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| Shaping the Future | | | | | | <i>-</i> | | Jul | -08 | |
| | Branch: Seatt | | | ne de la constanta de la const | Date: 9//8/ | 15 | | Page of | | |
| Cardno ATC Representative(s): Mark Newman | | | | | Project: Coc | a-Cola Belling | ham | | | |
| Role: Geolog | | | | | Location: 210 | 01 Woburn Str | eet, Bellingha | m, WA | | |
| Contact Infor | nation: 206-7 8 | 31-1449 | | | Project No: 7 | 6.17568.0003 | | Task No: | | |
| u Promise de Antonio de Santo de Santo La compansión de Santo de San | ille au de annuae a san deur a deur c'honne e seven anne e annuael d'a a blandelen d' | | | | Contractor: N | IA | | | | |
| | MW-1 | 0 | | | Weather: | 1.6/ | | Temperature: | | |
| ou a se en | to the second contract of the second contract | | uraina & S | amnling Inc | <u> </u> etrumantat | ion & Metho | od. | | | |
| · · · · · · · · · · · · · · · · · · · | A-1 | mailion linitarios delicios adeste como escuela mesendo los | urging & S | ampiniy in | and the same of th | | | | and granted from the section and an all the first the section of t | |
| | <u> </u> | Envirotape | | | | bbe (Model/ID): N | | -tou | | |
| /vater Quality | Weter (Model/ID |): YSI 556 MP | | | l . | ation Method: | | | · | |
| ourging Meth | od: F | VC Bailer _ | Vacuum | Truck | Submersibl | | _ Peristaltic P | | | |
| 3 Well Volum | | Low Flow | | icro Purge | | e Depth (feet b | | | | |
| Sampling Met | | Teflon Bailer | | osable Bailer | XDec | dicated Tubing | and the second s | en an en | <u>nginogana kan makana kan kan kan kan kan kan kan kan ka</u> | |
| | Casing ' | Volume Info | ormation | | | | ing Calcula | tions | | |
| Casing Diam | | (27) | 4" 6" | Other | - | mes (CV): | - • | | | |
| Casing Multip | olier (CM)(gallor | ns/foot): 0.16 | 0.65 1.47 | and the confidence of the control of | NO THE RESIDENCE AND ADDRESS OF THE PROPERTY O | x CM = _ | (CV)(gal) | x 3.0 CV (gal) = | : PV | |
| den estado e esta em ella escoca signa e escala del ella estada en escoca de ella estada en escoca de ella est | | | M | onitoring N | THE PERSON NAMED OF THE PERSON OF THE | | 0 = 00 | | | |
| Depth to LNA | | | | | Total Well Depth (feet): 20.00 | | | | | |
| | er (DTW)(feet) | : | 5.67 | | Water Column (WC)(feet): | | | | | |
| NAPL Thick | ness (ft): | | | | Purging Start Time: 9:15 | | | | | |
| termination of the state of the | | | | announced as the Committee of the Commit | ng Data | entreprison and remove a recommendation from the resident black and the second black and the | | | | |
| Time | DTW | Cum. Vol. Purged | Temp | Specific Cond. | Turbidity | Dissolved Oxygen | рН | ORP (mV) | Other | |
| (24 Hours) | (Feet) | (Gallons) | (°C) | (uS/cm) (± 5%) | NTU | (mg/L) (± 10%) | (± 0.1) | (± 10 mV) | | |
| 9:30 | 5.69 | 0.15 | 17.84 | 1058 | clear | 0.82 | 7.99 | -50.1 | | |
| 9:33 | 5.72 | 0.18 | 17.87 | 1057 | / (| 0.77 | 7.98 | -50.4 | · | |
| 9:36 | 5.73 | 0.2/ | 17.89 | 1057 | (1 | 0.23 | 7.92 | -50.5 | | |
| 9:39 | 5.74 | 0.24 | 17.94 | 1056 | 1 (| 0.68 | 7.98 7.98 | -50.5 -50.8 | | |
| | | | | | | | | | an canada a serie de la capita de peneral de la capita de | |
| | | round that the policy and a substitute of the last and the substitute of the last and the last a | | | le Data | | | : | That Answer (All Sales many approximation assessed) | |
| Sample ID: | mw -10 | 0.0 1111 | Time of Samp | ole: 9:4 0 |) | Filtered (yes/no) | Preservatives | Analytical F | arameters | |
| | es, Volumes, | | // / 1. | _ | | <u> </u> | HC/ | (Dt-h. | | |
| 3-40 ml VOAC , 1-16 Amber | | | | | | N | MC(| Gx, BIEX | , Ux | |
| | | | | W-UD | D-4- | | ogercoorgeschen ist nige trade has universitätisch en models | | ro ta tennini estima e mil entre menero prophyto in milare. | |
| Control Control (Control (Cont | | | > - | and the second s | overy Data | Flow Rate (GF | DV4). | | | |
| Maximum Drawdown (DTW <i>m</i>)(feet): 5.74 | | | | | | | | | | |
| Recovery Type:X Fast Slow % Recovery = 100 | | | | | % Recovery | = 10 | 0 | | | |
| | Disposition (At | tach Drum Inv | entory Log - Fl | _D 108): | | | | | | |
| Purge Water | <u>:</u> | | | | | | | | | |
| Purge Water Comments: | | | | | | | a terra a constantina a co | antigene di territoria que productiva de la caterna estre en encen | as a man transmission and a state of the sta | |



APPENDIX B: LABORATORY ANALYTICAL REPORTS



3600 Fremont Ave. N.
Seattle, WA 98103
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Cardno ATC Simon Payne 6347 Seaview Ave NW Seattle, WA 98107

RE: Coca Cola Lab ID: 1501226

February 02, 2015

Attention Simon Payne:

Fremont Analytical, Inc. received 6 sample(s) on 1/27/2015 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Gasoline by NWTPH-Gx

Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Chelsea Ward Project Manager

Date: 02/02/2015



CLIENT: Cardno ATC Work Order Sample Summary

Project: Coca Cola Lab Order: 1501226

| Lab Sample ID | Client Sample ID | Date/Time Collected | Date/Time Received |
|---------------|------------------|---------------------|--------------------|
| 1501226-001 | MW-1 | 01/27/2015 1:30 PM | 01/27/2015 3:30 PM |
| 1501226-002 | MW-5 | 01/27/2015 2:35 PM | 01/27/2015 3:30 PM |
| 1501226-003 | MW-8 | 01/27/2015 9:50 AM | 01/27/2015 3:30 PM |
| 1501226-004 | MW-9 | 01/27/2015 12:30 PM | 01/27/2015 3:30 PM |
| 1501226-005 | MW-10 | 01/27/2015 11:05 AM | 01/27/2015 3:30 PM |
| 1501226-006 | Trip Blank | 01/26/2015 3:00 PM | 01/27/2015 3:30 PM |



Case Narrative

WO#: **1501226**Date: **2/2/2015**

CLIENT: Cardno ATC
Project: Coca Cola

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Prep Comments for METHOD (PREP-DX-W), SAMPLE (1501226-005B) required Silica Gel Cleanup Procedure (Using Method No 3630C).

Prep Comments for METHOD (PREP-DX-W), SAMPLE (1501226-004B) required Silica Gel Cleanup Procedure (Using Method No 3630C).

Prep Comments for METHOD (PREP-DX-W), SAMPLE (1501226-003B) required Silica Gel Cleanup Procedure (Using Method No 3630C).

Prep Comments for METHOD (PREP-DX-W), SAMPLE (1501226-002B) required Silica Gel Cleanup Procedure (Using Method No 3630C).

Prep Comments for METHOD (PREP-DX-W), SAMPLE (1501226-001B) required Silica Gel Cleanup Procedure (Using Method No 3630C).



Analytical Report

WO#: **1501226**

Date Reported: 2/2/2015

Client: Cardno ATC Collection Date: 1/27/2015 1:30:00 PM

Project: Coca Cola

Lab ID: 1501226-001 **Matrix:** Water

Client Sample ID: MW-1

| Analyses | Result | Result RL Qua | | Units | DF | - Da | ate Analyzed |
|-------------------------------|------------|---------------|-------|-------|-------------|--------|------------------|
| Diesel and Heavy Oil by NWTPH | | Bato | h ID: | 9940 | Analyst: EC | | |
| Diesel (Fuel Oil) | ND | 50.0 | | μg/L | 1 | 1/30 | /2015 1:34:00 PM |
| Heavy Oil | ND | 100 | | μg/L | 1 | 1/30 | /2015 1:34:00 PM |
| Surr: 2-Fluorobiphenyl | 64.2 | 50-150 | | %REC | 1 | 1/30 | /2015 1:34:00 PM |
| Surr: o-Terphenyl | 71.0 | 50-150 | | %REC | 1 | 1/30 | /2015 1:34:00 PM |
| Gasoline by NWTPH-Gx | | | | Bato | h ID: | R20356 | Analyst: AK |
| Gasoline | ND | 50.0 | | μg/L | 1 | 1/28 | /2015 3:00:00 AM |
| Surr: 4-Bromofluorobenzene | 86.6 | 65-135 | | %REC | 1 | 1/28 | /2015 3:00:00 AM |
| Surr: Toluene-d8 | 90.8 | 65-135 | | %REC | 1 | 1/28 | /2015 3:00:00 AM |
| Volatile Organic Compounds by | EPA Method | <u>8260</u> | | Bato | h ID: | R20348 | Analyst: AK |
| Benzene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 3:00:00 AM |
| Toluene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 3:00:00 AM |
| Ethylbenzene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 3:00:00 AM |
| m,p-Xylene | ND | 1.00 | | μg/L | 1 | 1/29 | /2015 2:39:00 AM |
| o-Xylene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 3:00:00 AM |
| Surr: Dibromofluoromethane | 109 | 77.4-147 | | %REC | 1 | 1/28 | /2015 3:00:00 AM |
| Surr: Toluene-d8 | 100 | 40.1-139 | | %REC | 1 | 1/28 | /2015 3:00:00 AM |
| Surr: 1-Bromo-4-fluorobenzene | 86.4 | 64.2-128 | | %REC | 1 | 1/28 | /2015 3:00:00 AM |

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit

S Spike recovery outside accepted recovery limits



Analytical Report

WO#: **1501226**Date Reported: **2/2/2015**

Client: Cardno ATC Collection Date: 1/27/2015 2:35:00 PM

Project: Coca Cola

Lab ID: 1501226-002 **Matrix:** Water

Client Sample ID: MW-5

| Analyses | Result | Result RL Qual | | Units | Units DF | | ate Analyzed |
|-------------------------------|------------|----------------|-------|-------|-------------|--------|------------------|
| Diesel and Heavy Oil by NWTPH | | Bato | h ID: | 9940 | Analyst: EC | | |
| Diesel (Fuel Oil) | ND | 50.0 | | μg/L | 1 | 1/30 | /2015 2:36:00 PM |
| Heavy Oil | ND | 100 | | μg/L | 1 | 1/30 | /2015 2:36:00 PM |
| Surr: 2-Fluorobiphenyl | 60.0 | 50-150 | | %REC | 1 | 1/30 | /2015 2:36:00 PM |
| Surr: o-Terphenyl | 68.2 | 50-150 | | %REC | 1 | 1/30 | /2015 2:36:00 PM |
| Gasoline by NWTPH-Gx | | | | Bato | h ID: | R20356 | Analyst: AK |
| Gasoline | ND | 50.0 | | μg/L | 1 | 1/28 | /2015 3:28:00 AM |
| Surr: 4-Bromofluorobenzene | 83.3 | 65-135 | | %REC | 1 | 1/28 | /2015 3:28:00 AM |
| Surr: Toluene-d8 | 92.3 | 65-135 | | %REC | 1 | 1/28 | /2015 3:28:00 AM |
| Volatile Organic Compounds by | EPA Method | <u>8260</u> | | Bato | h ID: | R20348 | Analyst: AK |
| Benzene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 3:28:00 AM |
| Toluene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 3:28:00 AM |
| Ethylbenzene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 3:28:00 AM |
| m,p-Xylene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 3:28:00 AM |
| o-Xylene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 3:28:00 AM |
| Surr: Dibromofluoromethane | 111 | 77.4-147 | | %REC | 1 | 1/28 | /2015 3:28:00 AM |
| Surr: Toluene-d8 | 102 | 40.1-139 | | %REC | 1 | 1/28 | /2015 3:28:00 AM |
| Surr: 1-Bromo-4-fluorobenzene | 83.2 | 64.2-128 | | %REC | 1 | 1/28 | /2015 3:28:00 AM |

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit

S Spike recovery outside accepted recovery limits



WO#: **1501226**

Date Reported: 2/2/2015

Client: Cardno ATC Collection Date: 1/27/2015 9:50:00 AM

Project: Coca Cola

Lab ID: 1501226-003 **Matrix:** Water

Client Sample ID: MW-8

| Analyses | Result | RL | Qual | Units | DF | - Da | ate Analyzed |
|-------------------------------|-------------|-------------|------|-------|-------|--------|------------------|
| Diesel and Heavy Oil by NWTPH | -Dx/Dx Ext. | | | Bato | h ID: | 9940 | Analyst: EC |
| Diesel (Fuel Oil) | ND | 50.0 | | μg/L | 1 | 1/30. | /2015 3:07:00 PM |
| Heavy Oil | ND | 100 | | μg/L | 1 | 1/30 | /2015 3:07:00 PM |
| Surr: 2-Fluorobiphenyl | 68.2 | 50-150 | | %REC | 1 | 1/30 | /2015 3:07:00 PM |
| Surr: o-Terphenyl | 77.7 | 50-150 | | %REC | 1 | 1/30 | /2015 3:07:00 PM |
| Gasoline by NWTPH-Gx | | | | Bato | h ID: | R20356 | Analyst: AK |
| Gasoline | ND | 50.0 | | μg/L | 1 | 1/28 | /2015 3:57:00 AM |
| Surr: 4-Bromofluorobenzene | 82.4 | 65-135 | | %REC | 1 | 1/28 | /2015 3:57:00 AM |
| Surr: Toluene-d8 | 90.5 | 65-135 | | %REC | 1 | 1/28 | /2015 3:57:00 AM |
| Volatile Organic Compounds by | EPA Method | <u>8260</u> | | Bato | h ID: | R20348 | Analyst: AK |
| Benzene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 3:57:00 AM |
| Toluene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 3:57:00 AM |
| Ethylbenzene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 3:57:00 AM |
| m,p-Xylene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 3:57:00 AM |
| o-Xylene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 3:57:00 AM |
| Surr: Dibromofluoromethane | 111 | 77.4-147 | | %REC | 1 | 1/28 | /2015 3:57:00 AM |
| Surr: Toluene-d8 | 101 | 40.1-139 | | %REC | 1 | 1/28 | /2015 3:57:00 AM |
| Surr: 1-Bromo-4-fluorobenzene | 82.4 | 64.2-128 | | %REC | 1 | 1/28 | /2015 3:57:00 AM |

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1501226**

Date Reported: 2/2/2015

Client: Cardno ATC Collection Date: 1/27/2015 12:30:00 PM

Project: Coca Cola

Lab ID: 1501226-004 **Matrix:** Water

Client Sample ID: MW-9

| Analyses | Result | RL | Qual | Units | DF | - Da | ate Analyzed |
|-------------------------------|-------------|-------------|------|-------|-------|--------|------------------|
| Diesel and Heavy Oil by NWTPH | -Dx/Dx Ext. | | | Batc | h ID: | 9940 | Analyst: EC |
| Diesel (Fuel Oil) | ND | 50.0 | | μg/L | 1 | 1/30 | /2015 3:38:00 PM |
| Heavy Oil | ND | 100 | | μg/L | 1 | 1/30 | /2015 3:38:00 PM |
| Surr: 2-Fluorobiphenyl | 57.9 | 50-150 | | %REC | 1 | 1/30 | /2015 3:38:00 PM |
| Surr: o-Terphenyl | 68.6 | 50-150 | | %REC | 1 | 1/30 | /2015 3:38:00 PM |
| Gasoline by NWTPH-Gx | | | | Batc | h ID: | R20356 | Analyst: AK |
| Gasoline | ND | 50.0 | | μg/L | 1 | 1/28 | /2015 4:26:00 AM |
| Surr: 4-Bromofluorobenzene | 81.3 | 65-135 | | %REC | 1 | 1/28 | /2015 4:26:00 AM |
| Surr: Toluene-d8 | 91.4 | 65-135 | | %REC | 1 | 1/28 | /2015 4:26:00 AM |
| Volatile Organic Compounds by | EPA Method | <u>8260</u> | | Batc | h ID: | R20348 | Analyst: AK |
| Benzene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 4:26:00 AM |
| Toluene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 4:26:00 AM |
| Ethylbenzene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 4:26:00 AM |
| m,p-Xylene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 4:26:00 AM |
| o-Xylene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 4:26:00 AM |
| Surr: Dibromofluoromethane | 112 | 77.4-147 | | %REC | 1 | 1/28 | /2015 4:26:00 AM |
| Surr: Toluene-d8 | 102 | 40.1-139 | | %REC | 1 | 1/28 | /2015 4:26:00 AM |
| Surr: 1-Bromo-4-fluorobenzene | 81.2 | 64.2-128 | | %REC | 1 | 1/28 | /2015 4:26:00 AM |

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit



WO#: **1501226**

Date Reported: 2/2/2015

Client: Cardno ATC Collection Date: 1/27/2015 11:05:00 AM

Project: Coca Cola

Lab ID: 1501226-005 **Matrix:** Water

Client Sample ID: MW-10

| Analyses | Result | RL | Qual | Units | DF | Da | ate Analyzed |
|-------------------------------|-------------|-------------|------|-------|-------|--------|------------------|
| Diesel and Heavy Oil by NWTPH | -Dx/Dx Ext. | | | Batc | h ID: | 9940 | Analyst: EC |
| Diesel (Fuel Oil) | ND | 50.0 | | μg/L | 1 | 1/30 | /2015 4:09:00 PM |
| Heavy Oil | ND | 100 | | μg/L | 1 | 1/30 | /2015 4:09:00 PM |
| Surr: 2-Fluorobiphenyl | 56.4 | 50-150 | | %REC | 1 | 1/30 | /2015 4:09:00 PM |
| Surr: o-Terphenyl | 66.4 | 50-150 | | %REC | 1 | 1/30 | /2015 4:09:00 PM |
| Gasoline by NWTPH-Gx | | | | Batc | h ID: | R20356 | Analyst: AK |
| Gasoline | ND | 50.0 | | μg/L | 1 | 1/28 | /2015 4:54:00 AM |
| Surr: 4-Bromofluorobenzene | 82.4 | 65-135 | | %REC | 1 | 1/28 | /2015 4:54:00 AM |
| Surr: Toluene-d8 | 91.7 | 65-135 | | %REC | 1 | 1/28 | /2015 4:54:00 AM |
| Volatile Organic Compounds by | EPA Method | <u>8260</u> | | Batc | h ID: | R20348 | Analyst: AK |
| Benzene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 4:54:00 AM |
| Toluene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 4:54:00 AM |
| Ethylbenzene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 4:54:00 AM |
| m,p-Xylene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 4:54:00 AM |
| o-Xylene | ND | 1.00 | | μg/L | 1 | 1/28 | /2015 4:54:00 AM |
| Surr: Dibromofluoromethane | 103 | 77.4-147 | | %REC | 1 | 1/28 | /2015 4:54:00 AM |
| Surr: Toluene-d8 | 90.4 | 40.1-139 | | %REC | 1 | 1/28 | /2015 4:54:00 AM |
| Surr: 1-Bromo-4-fluorobenzene | 82.3 | 64.2-128 | | %REC | 1 | 1/28 | /2015 4:54:00 AM |

Qualifiers: B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

RL Reporting Limit

D Dilution was required

H Holding times for preparation or analysis exceeded

ND Not detected at the Reporting Limit

Date: 2/2/2015



Work Order: 1501226

QC SUMMARY REPORT

CLIENT: Cardno ATC Project: Coca Cola

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

| Project: Coca Cola | | | | | | | | | , | | |
|-----------------------------------|----------------------|------|-----------|-------------|------|---------------|-----------|-------------|--------------------|----------|------|
| Sample ID: 1501248-001BDUP | SampType: DUP | | | Units: µg/L | | Prep Date | : 1/29/20 | 15 | RunNo: 20 4 | 115 | |
| Client ID: BATCH | Batch ID: 9940 | | | | | Analysis Date | : 1/30/20 | 15 | SeqNo: 388 | 3571 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Diesel (Fuel Oil) | ND | 50.0 | | | | | | 0 | | 30 | |
| Heavy Oil | ND | 100 | | | | | | 0 | | 30 | |
| Surr: 2-Fluorobiphenyl | 52.4 | | 80.00 | | 65.5 | 50 | 150 | | 0 | | |
| Surr: o-Terphenyl | 60.8 | | 80.00 | | 75.9 | 50 | 150 | | 0 | | |
| Sample ID: LCS-9940 | SampType: LCS | | | Units: µg/L | | Prep Date | : 1/29/20 | 15 | RunNo: 20 4 | 115 | |
| Client ID: LCSW | Batch ID: 9940 | | | | | Analysis Date | : 1/30/20 | 15 | SeqNo: 388 | 3578 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Diesel (Fuel Oil) | 782 | 50.0 | 1,000 | 0 | 78.2 | 65 | 135 | | | | |
| Surr: 2-Fluorobiphenyl | 51.5 | | 80.00 | | 64.4 | 50 | 150 | | | | |
| Surr: o-Terphenyl | 61.4 | | 80.00 | | 76.8 | 50 | 150 | | | | |
| Sample ID: MB-9940 | SampType: MBLK | | | Units: µg/L | | Prep Date | : 1/29/20 | 15 | RunNo: 20 4 | 115 | |
| Client ID: MBLKW | Batch ID: 9940 | | | | | Analysis Date | : 1/30/20 | 15 | SeqNo: 388 | 3580 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Diesel (Fuel Oil) | ND | 50.0 | | | | | | | | | |
| Heavy Oil | ND | 100 | | | | | | | | | |
| Surr: 2-Fluorobiphenyl | 43.7 | | 80.00 | | 54.7 | 50 | 150 | | | | |
| Surr: o-Terphenyl | 51.9 | | 80.00 | | 64.8 | 50 | 150 | | | | |

Qualifiers: B Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

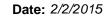
D Dilution was required

Analyte detected below quantitation limits

L Reporting Limit

E Value above quantitation range

ND Not detected at the Reporting Limit





QC SUMMARY REPORT

CLIENT: Cardno ATC

Gasoline by NWTPH-Gx

| Project: Coca Cola | | | | | | | | | | Gasonne | ; by INVVI | rn-G |
|-----------------------------------|-----------|---------|------|-----------|-------------|------|---------------|-------------------|-------------|--------------------|-----------------|------|
| Sample ID: 1501214-001ADUP | SampType | e: DUP | | | Units: µg/L | | Prep Date | e: 1/27/20 | 15 | RunNo: 203 | 356 | |
| Client ID: BATCH | Batch ID: | R20356 | | | | | Analysis Date | e: 1/27/20 | 15 | SeqNo: 387 | 7009 | |
| Analyte | | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Gasoline | | ND | 50.0 | | | | | | 0 | | 30 | |
| Surr: Toluene-d8 | | 22.6 | | 25.00 | | 90.3 | 65 | 135 | | 0 | 0 | |
| Surr: 4-Bromofluorobenzene | | 20.6 | | 25.00 | | 82.5 | 65 | 135 | | 0 | 0 | |
| Sample ID: LCS-R20356 | SampType | e: LCS | | | Units: µg/L | | Prep Date | e: 1/27/20 | 15 | RunNo: 20 3 | 356 | |
| Client ID: LCSW | Batch ID: | R20356 | | | | | Analysis Date | e: 1/27/20 | 15 | SeqNo: 387 | 7018 | |
| Analyte | | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Gasoline | | 498 | 50.0 | 500.0 | 0 | 99.6 | 65 | 135 | | | | |
| Surr: Toluene-d8 | | 25.1 | | 25.00 | | 100 | 65 | 135 | | | | |
| Surr: 4-Bromofluorobenzene | | 23.8 | | 25.00 | | 95.0 | 65 | 135 | | | | |
| Sample ID: MB-R20356 | SampType | e: MBLK | | | Units: µg/L | | Prep Date | e: 1/27/20 | 15 | RunNo: 20 3 | 356 | |
| Client ID: MBLKW | Batch ID: | R20356 | | | | | Analysis Date | e: 1/27/20 | 15 | SeqNo: 387 | 7019 | |
| Analyte | | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Gasoline | | ND | 50.0 | | | | | | | | | |
| Surr: Toluene-d8 | | 23.3 | | 25.00 | | 93.3 | 65 | 135 | | | | |
| Surr: 4-Bromofluorobenzene | | 21.3 | | 25.00 | | 85.1 | 65 | 135 | | | | |

Qualifiers: B Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

D Dilution was required

J Analyte detected below quantitation limits

L Reporting Limit

E Value above quantitation range

ND Not detected at the Reporting Limit

Date: 2/2/2015



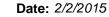
Work Order: 1501226

QC SUMMARY REPORT

CLIENT: Cardno ATC Project: Coca Cola

Volatile Organic Compounds by EPA Method 8260

| Analyte Benzene Foluene Ethylbenzene m,p-Xylene D-Xylene Surr: Dibromofluoromethane Surr: Toluene-d8 Surr: 1-Bromo-4-fluorobenzene Bample ID: 1501214-002AMS Client ID: BATCH Benzene Foluene Ethylbenzene | Result ND ND ND 1.80 ND 28.7 | 1.00 1.00 1.00 1.00 | SPK value | SPK Ref Val | %REC | Analysis Dat | | 15 RPD Ref Val | SeqNo: 386 %RPD | RPDLimit | |
|--|-------------------------------|------------------------------|---------------|-----------------------------|-------|--------------|-------------------|--------------------------|--------------------|----------|------|
| Benzene Foluene Ethylbenzene m,p-Xylene D-Xylene Surr: Dibromofluoromethane Surr: Toluene-d8 Surr: 1-Bromo-4-fluorobenzene Bample ID: 1501214-002AMS Client ID: BATCH Benzene Foluene Ethylbenzene | ND ND ND 1.80 ND | 1.00 1.00 1.00 | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | |
| Foluene Ethylbenzene m,p-Xylene p-Xylene Surr: Dibromofluoromethane Surr: Toluene-d8 Surr: 1-Bromo-4-fluorobenzene Sample ID: 1501214-002AMS Client ID: BATCH Benzene Foluene Ethylbenzene | ND ND 1.80 ND | 1.00 1.00 | | | | | | | | = = | Qual |
| Ethylbenzene m,p-Xylene o-Xylene Surr: Dibromofluoromethane Surr: Toluene-d8 Surr: 1-Bromo-4-fluorobenzene Sample ID: 1501214-002AMS Client ID: BATCH Benzene Foluene Ethylbenzene | ND 1.80 ND | 1.00 | | | | | | 0 | | 30 | |
| m,p-Xylene b-Xylene Surr: Dibromofluoromethane Surr: Toluene-d8 Surr: 1-Bromo-4-fluorobenzene Sample ID: 1501214-002AMS Client ID: BATCH Benzene Foluene Ethylbenzene | 1.80 ND | | | | | | | 0 | | 30 | |
| Surr: Dibromofluoromethane Surr: Toluene-d8 Surr: 1-Bromo-4-fluorobenzene Sample ID: 1501214-002AMS Client ID: BATCH Benzene Foluene Ethylbenzene | ND | 1.00 | | | | | | 0 | | 30 | |
| Surr: Dibromofluoromethane Surr: Toluene-d8 Surr: 1-Bromo-4-fluorobenzene Sample ID: 1501214-002AMS Client ID: BATCH Benzene Foluene Ethylbenzene | | | | | | | | 1.834 | 1.92 | 30 | |
| Surr: Toluene-d8 Surr: 1-Bromo-4-fluorobenzene Sample ID: 1501214-002AMS Client ID: BATCH Analyte Benzene Foluene Ethylbenzene | 28.7 | 1.00 | | | | | | 0 | | 30 | |
| Surr: 1-Bromo-4-fluorobenzene Sample ID: 1501214-002AMS S Client ID: BATCH B Analyte Benzene Foluene Ethylbenzene | | | 25.00 | | 115 | 77.4 | 147 | | 0 | | |
| Sample ID: 1501214-002AMS S Client ID: BATCH B Analyte Benzene Foluene Ethylbenzene | 24.4 | | 25.00 | | 97.7 | 40.1 | 139 | | 0 | | |
| Client ID: BATCH B Analyte Benzene Foluene Ethylbenzene | 20.6 | | 25.00 | | 82.4 | 64.2 | 128 | | 0 | | |
| Analyte Benzene Foluene Ethylbenzene | SampType: MS | | | Units: µg/L | | Prep Dat | e: 1/28/20 | 15 | RunNo: 203 | 48 | |
| Benzene Foluene Ethylbenzene | Batch ID: R20348 | | | | | Analysis Dat | e: 1/28/20 | 15 | SeqNo: 386 | 865 | |
| Foluene Ethylbenzene | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Ethylbenzene | 21.6 | 1.00 | 20.00 | 0 | 108 | 65.4 | 138 | | | | |
| • | 21.0 | 1.00 | 20.00 | 0.05320 | 105 | 64 | 139 | | | | |
| m n Vylono | 18.3 | 1.00 | 20.00 | 0.7752 | 87.8 | 64.5 | 136 | | | | |
| n,p-Xylene | 37.1 | 1.00 | 40.00 | 1.720 | 88.4 | 63.3 | 135 | | | | |
| o-Xylene | 18.0 | 1.00 | 20.00 | 0 | 89.8 | 65.4 | 134 | | | | |
| Surr: Dibromofluoromethane | 26.9 | | 25.00 | | 108 | 77.4 | 147 | | | | |
| Surr: Toluene-d8 | 27.2 | | 25.00 | | 109 | 40.1 | 139 | | | | |
| Surr: 1-Bromo-4-fluorobenzene | 26.8 | | 25.00 | | 107 | 64.2 | 128 | | | | |
| Sample ID: LCS-R20348 S | SampType: LCS | | | Units: µg/L | | Prep Dat | e: 1/27/20 | 15 | RunNo: 203 | 48 | |
| Client ID: LCSW B | Batch ID: R20348 | | | - | | Analysis Dat | e: 1/27/20 | 15 | SeqNo: 386 | 873 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Benzene | 19.4 | 1.00 | 20.00 | 0 | 96.8 | 69.3 | 132 | | | | |
| Toluene | 18.6 | 1.00 | 20.00 | 0 | 93.0 | 61.3 | 145 | | | | |
| Qualifiers: B Analyte detected in the ass | | | D Dilution wa | · | | | | above quantitation ra | • | | |
| H Holding times for preparati | ion or analysis exceeded | | J Analyte de | tected below quantitation I | imits | | ND Not d | etected at the Reporti | ng Limit | | |





QC SUMMARY REPORT

CLIENT: Cardno ATC Project: Coca Cola

Volatile Organic Compounds by EPA Method 8260

| Project: Coca Cola | | | | | | | | | | | |
|--|---|------------------------------|-----------|-------------------------|------|--------------|--------------------------------|-------------|--|----------|------|
| Sample ID: LCS-R20348 | SampType: LCS | | | Units: µg/L | | Prep Dat | e: 1/27/20 | 15 | RunNo: 20 3 | 348 | |
| Client ID: LCSW | Batch ID: R20348 | | | | | Analysis Da | e: 1/27/20 | 15 | SeqNo: 386 | 6873 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Ethylbenzene | 16.3 | 1.00 | 20.00 | 0 | 81.3 | 72 | 130 | | | | |
| m,p-Xylene | 33.4 | 1.00 | 40.00 | 0 | 83.4 | 73 | 131 | | | | |
| o-Xylene | 16.2 | 1.00 | 20.00 | 0 | 81.0 | 72.1 | 131 | | | | |
| Surr: Dibromofluoromethane | 26.5 | | 25.00 | | 106 | 77.4 | 147 | | | | |
| Surr: Toluene-d8 | 27.2 | | 25.00 | | 109 | 40.1 | 139 | | | | |
| Surr: 1-Bromo-4-fluorobenzene | 27.3 | | 25.00 | | 109 | 64.2 | 128 | | | | |
| | | | | | | | | | | | |
| Sample ID: MB-R20348 | SampType: MBLK | | | Units: µg/L | | Prep Dat | e: 1/27/20 | 15 | RunNo: 20 3 | 348 | |
| Sample ID: MB-R20348 Client ID: MBLKW | SampType: MBLK Batch ID: R20348 | | | Units: µg/L | | Prep Date | | | RunNo: 203 SeqNo: 386 | | |
| | | RL | SPK value | Units: µg/L SPK Ref Val | %REC | Analysis Da | e: 1/27/20 | | | | Qual |
| Client ID: MBLKW | Batch ID: R20348 | RL 1.00 | SPK value | | | Analysis Da | e: 1/27/20 | 15 | SeqNo: 386 | 6874 | Qual |
| Client ID: MBLKW Analyte | Batch ID: R20348 Result | | SPK value | | | Analysis Da | e: 1/27/20 | 15 | SeqNo: 386 | 6874 | Qual |
| Client ID: MBLKW Analyte Benzene | Batch ID: R20348 Result ND | 1.00 | SPK value | | | Analysis Da | e: 1/27/20 | 15 | SeqNo: 386 | 6874 | Qual |
| Client ID: MBLKW Analyte Benzene Toluene | Batch ID: R20348 Result ND ND | 1.00 1.00 | SPK value | | | Analysis Da | e: 1/27/20 | 15 | SeqNo: 386 | 6874 | Qual |
| Client ID: MBLKW Analyte Benzene Toluene Ethylbenzene | Batch ID: R20348 Result ND ND ND ND | 1.00 1.00 1.00 | SPK value | | | Analysis Da | e: 1/27/20 | 15 | SeqNo: 386 | 6874 | Qual |
| Client ID: MBLKW Analyte Benzene Toluene Ethylbenzene m,p-Xylene | Batch ID: R20348 Result ND ND ND ND ND ND ND | 1.00 1.00 1.00 1.00 | SPK value | | | Analysis Da | e: 1/27/20 | 15 | SeqNo: 386 | 6874 | Qual |
| Client ID: MBLKW Analyte Benzene Toluene Ethylbenzene m,p-Xylene o-Xylene | Batch ID: R20348 Result ND ND ND ND ND ND ND ND ND N | 1.00 1.00 1.00 1.00 | | | %REC | Analysis Dar | e: 1/27/20 HighLimit | 15 | SeqNo: 386 | 6874 | Qual |

Qualifiers: B Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

R RPD outside accepted recovery limits

D Dilution was required

Analyte detected below quantitation limits

L Reporting Limit

E Value above quantitation range

ND Not detected at the Reporting Limit



Sample Log-In Check List

| С | lient Name: | ATC | Work Order Numb | oer: 1501226 | |
|-----|-----------------|---|-----------------|---------------------|----------------|
| L | ogged by: | Kerra Ziegler | Date Received: | 1/27/2015 | 3:30:00 PM |
| Cha | ain of Cust | <u>ody</u> | | | |
| 1. | Is Chain of C | ustody complete? | Yes 🗸 | No 🗆 | Not Present |
| 2. | How was the | sample delivered? | <u>Client</u> | | |
| Log | ı In | | | | |
| | Coolers are p | present? | Yes 🗹 | No 🗌 | NA \square |
| 4. | Shipping con | tainer/cooler in good condition? | Yes 🗹 | No 🗌 | |
| 5. | Custody seal | s intact on shipping container/cooler? | Yes | No \square | Not Required ✓ |
| 6. | Was an atter | npt made to cool the samples? | Yes 🗸 | No 🗌 | na 🗆 |
| 7. | Were all cool | lers received at a temperature of >0°C to 10.0°C | Yes 🗸 | No 🗌 | NA \square |
| 8. | Sample(s) in | proper container(s)? | Yes 🗸 | No 🗌 | |
| 9. | Sufficient sar | mple volume for indicated test(s)? | Yes 🗹 | No 🗌 | |
| 10. | Are samples | properly preserved? | Yes 🗹 | No 🗌 | |
| 11. | Was preserv | ative added to bottles? | Yes | No 🗸 | NA 🗌 |
| 12. | Is the headsp | pace in the VOA vials? | Yes | No 🗹 | NA 🗆 |
| 13. | Did all sampl | es containers arrive in good condition(unbroken)? | Yes 🗹 | No 🗌 | |
| 14. | Does paperw | ork match bottle labels? | Yes 🗹 | No 🗌 | |
| 15. | Are matrices | correctly identified on Chain of Custody? | Yes 🗹 | No 🗌 | |
| 16. | Is it clear wha | at analyses were requested? | Yes 🗸 | No 🗌 | |
| 17. | Were all hold | ling times able to be met? | Yes 🗸 | No 🗌 | |
| Spe | ecial Handl | ing (if applicable) | | | |
| 18. | Was client no | otified of all discrepancies with this order? | Yes | No 🗌 | NA 🗹 |
| | Person | Notified: Date | e: | | |
| | By Who | om: Via: | eMail Pho | one 🗌 Fax | ☐ In Person |
| | Regardi | ing: | | | |
| | Client Ir | nstructions: | | | |
| 19. | Additional rer | marks: | | | <u> </u> |

Item Information

| Item # | Temp ⁰C | Condition |
|--------|---------|-----------|
| Cooler | 3.5 | Good |
| Sample | 6.1 | Good |

| *Please coordinate with the lab in advance | | × | | | × |
|--|--|--|-------------------------------|--|--|
| TAT -> SameDay* NextDay* 2 Day 3 Day 5TD | Date/Time | Received | | Date/Time | Relinquished |
| * | ny Date/lime 15:30 | Received | 42415 | 15:30 | Relinquished X XXX |
| | drained after 30 days) | Disposal by Lab (A tee may be assessed it samples are also | Disposal by L | Return to Client | Sample Disposal: |
| Special Remarks: | Fluoride Nitrate+Nitrite | Bromide O-Phosphate | ide Sulfate | Nitrite Chloride | ***Anions (Circle): Nitrate |
| Pb Sb Se Sr Sn Ti Tl U V Zn | B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Min Mo Na Ni | TAL Individual: Ag Al As | Priority Pollutants | MTCA-5 RCRA-8 | **Metals Analysis (Circle): |
| | | | | | 10 |
| | | | | | 9 |
| | | | | | 8 |
| 100 | | | | | 7 |
| | | | | | ō. |
| < | × | X | 59:11 | < | 01-MW s |
| | | × | 12:30 | | * MW - 9 |
| | | × | 9.56 | | 8-MW-8 |
| Cleanop. | | × | 14:35 | | 2 mw-5 |
| Dr w/ Silica Gel | | × | | 1/4/15 | 1-WW-1 |
| Comments/Depth | | Sample Street Street | Same and | Sample | Sample Name |
| Waste Water | SD = Sediment, SL = Solid, W = Water, DW = Brinking Water, GW = Ground Water, WW = Waste Water | | Other, P = Product, S = Soil, | AQ = Aqueous, B = Bulk, O = Other, | *Matrix Codes: A = Air, AQ = A |
| | Email: Simon. Paper (3) Cardad. Co Project No: | | Fax: | n Payme | Reports To (PM): Simon |
| | Collected by: M. NEWMAN | 506-781-16t- | Tel: | cutte, with | City, State, Zip 50 |
| | 2101 W | | Ave | | S. |
| | Project Name: LOCA Cold | | | ardno ATC | Client |
| off / | | Date: 1/27/15 | 28 | Tel: 206-352-3790 Fax: 206-352-7178 | 3600 Fremont Ave N. Seattle, WA 98103 |
| 501226 | Laboratory Project No Saternall. | | TROIL | Analytical | |
| Chain of Custody Record | Chai | | 7 | TOMON! | |
| | | | | | |



3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Cardno ATC Simon Payne 6347 Seaview Ave NW Seattle, WA 98107

RE: Coca Cola Lab ID: 1506087

June 11, 2015

Attention Simon Payne:

Fremont Analytical, Inc. received 6 sample(s) on 6/4/2015 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Gasoline by NWTPH-Gx

Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

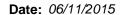
- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Chelsea Ward Project Manager





CLIENT: Cardno ATC Work Order Sample Summary

Project: Coca Cola Lab Order: 1506087

| Lab Sample ID | Client Sample ID | Date/Time Collected | Date/Time Received |
|---------------|------------------|---------------------|--------------------|
| 1506087-001 | MW-1 | 06/04/2015 12:10 PM | 06/04/2015 3:52 PM |
| 1506087-002 | MW-5 | 06/04/2015 11:25 AM | 06/04/2015 3:52 PM |
| 1506087-003 | MW-8 | 06/04/2015 10:45 AM | 06/04/2015 3:52 PM |
| 1506087-004 | MW-9 | 06/04/2015 1:40 PM | 06/04/2015 3:52 PM |
| 1506087-005 | MW-10 | 06/04/2015 12:50 PM | 06/04/2015 3:52 PM |
| 1506087-006 | Trip Blank | 06/04/2015 8:25 AM | 06/04/2015 3:52 PM |



Case Narrative

WO#: **1506087**Date: **6/11/2015**

CLIENT: Cardno ATC
Project: Coca Cola

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.



Qualifiers & Acronyms

WO#: **1506087**

Date Reported: 6/11/2015

Qualifiers:

- * Flagged value is not within established control limits
- B Analyte detected in the associated Method Blank
- D Dilution was required
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- I Analyte with an internal standard that does not meet established acceptance criteria
- J Analyte detected below LOQ
- N Tentatively Identified Compound (TIC)
- Q Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
- S Spike recovery outside accepted recovery limits
- ND Not detected at the Reporting Limit

Acronyms:

%Rec - Percent Recovery

CCB - Continued Calibration Blank

CCV - Continued Calibration Verification

DF - Dilution Factor

HEM - Hexane Extractable Material

ICV - Initial Calibration Verification

LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate

MB or MBLANK - Method Blank

MDL - Method Detection Limit

MS/MSD - Matrix Spike / Matrix Spike Duplicate

PDS - Post Digestion Spike

Ref Val - Reference Value

RL - Reporting Limit

RPD - Relative Percent Difference

SD - Serial Dilution

SGT - Silica Gel Treatment

SPK - Spike

Surr - Surrogate



WO#: **1506087**

Date Reported: 6/11/2015

Client: Cardno ATC Collection Date: 6/4/2015 12:10:00 PM

Project: Coca Cola

Lab ID: 1506087-001 **Matrix:** Water

| Analyses | Result | RL | Qual | Units | DF | Da | ate Analyzed |
|-------------------------------|--------------|-------------|------|-------|-------|--------|------------------|
| Diesel and Heavy Oil by NWTPH | I-Dx/Dx Ext. | | | Bato | h ID: | 10954 | Analyst: DB |
| Diesel (Fuel Oil) | ND | 49.9 | | μg/L | 1 | 6/8/2 | 2015 5:12:00 PM |
| Heavy Oil | ND | 99.8 | | μg/L | 1 | 6/8/2 | 2015 5:12:00 PM |
| Surr: 2-Fluorobiphenyl | 67.0 | 50-150 | | %REC | 1 | 6/8/2 | 2015 5:12:00 PM |
| Surr: o-Terphenyl | 77.5 | 50-150 | | %REC | 1 | 6/8/2 | 2015 5:12:00 PM |
| Gasoline by NWTPH-Gx | | | | Bato | h ID: | R22879 | Analyst: AK |
| Gasoline | ND | 50.0 | | μg/L | 1 | 6/11 | /2015 2:04:00 AM |
| Surr: 4-Bromofluorobenzene | 100 | 65-135 | | %REC | 1 | 6/11 | /2015 2:04:00 AM |
| Surr: Toluene-d8 | 99.3 | 65-135 | | %REC | 1 | 6/11 | /2015 2:04:00 AM |
| Volatile Organic Compounds by | EPA Method | <u>8260</u> | | Bato | h ID: | R22900 | Analyst: AK |
| Benzene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 2:04:00 AM |
| Toluene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 2:04:00 AM |
| Ethylbenzene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 2:04:00 AM |
| m,p-Xylene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 2:04:00 AM |
| o-Xylene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 2:04:00 AM |
| Surr: Dibromofluoromethane | 94.6 | 77.4-147 | | %REC | 1 | 6/11 | /2015 2:04:00 AM |
| Surr: Toluene-d8 | 95.1 | 40.1-139 | | %REC | 1 | 6/11 | /2015 2:04:00 AM |
| Surr: 1-Bromo-4-fluorobenzene | 98.7 | 64.2-128 | | %REC | 1 | 6/11 | /2015 2:04:00 AM |



WO#: **1506087**

Date Reported: 6/11/2015

Client: Cardno ATC Collection Date: 6/4/2015 11:25:00 AM

Project: Coca Cola

Lab ID: 1506087-002 **Matrix:** Water

| Analyses | Result | RL | Qual | Units | DF | Da | ate Analyzed |
|-------------------------------|-------------|-------------|------|-------|-------|--------|------------------|
| Diesel and Heavy Oil by NWTPH | -Dx/Dx Ext. | | | Batc | h ID: | 10954 | Analyst: DB |
| Diesel (Fuel Oil) | ND | 49.9 | | μg/L | 1 | 6/8/2 | 2015 5:44:00 PM |
| Heavy Oil | ND | 99.8 | | μg/L | 1 | 6/8/2 | 2015 5:44:00 PM |
| Surr: 2-Fluorobiphenyl | 82.5 | 50-150 | | %REC | 1 | 6/8/2 | 2015 5:44:00 PM |
| Surr: o-Terphenyl | 90.3 | 50-150 | | %REC | 1 | 6/8/2 | 2015 5:44:00 PM |
| Gasoline by NWTPH-Gx | | | | Batc | h ID: | R22879 | Analyst: AK |
| Gasoline | ND | 50.0 | | μg/L | 1 | 6/11 | /2015 2:32:00 AM |
| Surr: 4-Bromofluorobenzene | 99.9 | 65-135 | | %REC | 1 | 6/11 | /2015 2:32:00 AM |
| Surr: Toluene-d8 | 101 | 65-135 | | %REC | 1 | 6/11 | /2015 2:32:00 AM |
| Volatile Organic Compounds by | EPA Method | <u>8260</u> | | Batc | h ID: | R22900 | Analyst: AK |
| Benzene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 2:32:00 AM |
| Toluene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 2:32:00 AM |
| Ethylbenzene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 2:32:00 AM |
| m,p-Xylene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 2:32:00 AM |
| o-Xylene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 2:32:00 AM |
| Surr: Dibromofluoromethane | 96.5 | 77.4-147 | | %REC | 1 | 6/11 | /2015 2:32:00 AM |
| Surr: Toluene-d8 | 94.2 | 40.1-139 | | %REC | 1 | 6/11 | /2015 2:32:00 AM |
| Surr: 1-Bromo-4-fluorobenzene | 98.7 | 64.2-128 | | %REC | 1 | 6/11 | /2015 2:32:00 AM |



WO#: **1506087**

Date Reported: 6/11/2015

Client: Cardno ATC Collection Date: 6/4/2015 10:45:00 AM

Project: Coca Cola

Lab ID: 1506087-003 **Matrix:** Water

| | | RL | Qual | Units | DF | · Da | ite Analyzed |
|--|---------------------|-----------------|------|-------|-------|--------|------------------|
| Diesel and Heavy Oil by NWTPH | -Dx/Dx Ext. | | | Bato | h ID: | 10954 | Analyst: DB |
| Diesel (Fuel Oil) | ND | 49.9 | | μg/L | 1 | 6/8/2 | 015 6:17:00 PM |
| Heavy Oil | ND | 99.8 | | μg/L | 1 | 6/8/2 | 015 6:17:00 PM |
| Surr: 2-Fluorobiphenyl | 80.4 | 50-150 | | %REC | 1 | 6/8/2 | 015 6:17:00 PM |
| Surr: o-Terphenyl | 83.3 | 50-150 | | %REC | 1 | 6/8/2 | 015 6:17:00 PM |
| Gasoline by NWTPH-Gx | | | | Bato | h ID: | R22879 | Analyst: AK |
| Gasoline | ND | 50.0 | | μg/L | 1 | 6/11/ | /2015 3:29:00 AM |
| Surr: 4-Bromofluorobenzene | 101 | 65-135 | | %REC | 1 | 6/11/ | 2015 3:29:00 AM |
| Surr: Toluene-d8 | 137 | 65-135 | S | %REC | 1 | 6/11/ | 2015 3:29:00 AM |
| NOTES: | | | | | | | |
| S - Outlying surrogate recovery observed | d (high bias). Samp | ole is non-dete | ct. | | | | |
| Volatile Organic Compounds by | EPA Method 8 | <u>3260</u> | | Bato | h ID: | R22900 | Analyst: AK |
| Benzene | ND | 1.00 | | μg/L | 1 | 6/11/ | /2015 3:29:00 AM |
| Toluene | ND | 1.00 | | μg/L | 1 | 6/11/ | 2015 3:29:00 AM |
| Ethylbenzene | ND | 1.00 | | μg/L | 1 | 6/11/ | 2015 3:29:00 AM |
| m,p-Xylene | ND | 1.00 | | μg/L | 1 | 6/11/ | 2015 3:29:00 AM |
| o-Xylene | ND | 1.00 | | μg/L | 1 | 6/11/ | 2015 3:29:00 AM |
| Surr: Dibromofluoromethane | 96.8 | 77.4-147 | | %REC | 1 | 6/11/ | 2015 3:29:00 AM |
| Surr: Toluene-d8 | 127 | 40.1-139 | | %REC | 1 | 6/11/ | 2015 3:29:00 AM |
| Surr: 1-Bromo-4-fluorobenzene | 99.4 | 64.2-128 | | %REC | 1 | 6/11/ | 2015 3:29:00 AM |



WO#: **1506087**

Date Reported: 6/11/2015

Client: Cardno ATC Collection Date: 6/4/2015 1:40:00 PM

Project: Coca Cola

Lab ID: 1506087-004 **Matrix:** Water

| Analyses | Result | RL | Qual | Units | DF | Da | nte Analyzed |
|-------------------------------|--------------|-------------|------|-------|-------|--------|------------------|
| Diesel and Heavy Oil by NWTPH | -Dx/Dx Ext. | | | Batc | h ID: | 10954 | Analyst: DB |
| Diesel (Fuel Oil) | ND | 50.0 | | μg/L | 1 | 6/8/2 | 2015 6:50:00 PM |
| Heavy Oil | ND | 100 | | μg/L | 1 | 6/8/2 | 2015 6:50:00 PM |
| Surr: 2-Fluorobiphenyl | 81.2 | 50-150 | | %REC | 1 | 6/8/2 | 2015 6:50:00 PM |
| Surr: o-Terphenyl | 87.1 | 50-150 | | %REC | 1 | 6/8/2 | 2015 6:50:00 PM |
| Gasoline by NWTPH-Gx | | | | Batc | h ID: | R22879 | Analyst: AK |
| Gasoline | ND | 50.0 | | μg/L | 1 | 6/11 | /2015 3:58:00 AM |
| Surr: 4-Bromofluorobenzene | 100 | 65-135 | | %REC | 1 | 6/11 | /2015 3:58:00 AM |
| Surr: Toluene-d8 | 101 | 65-135 | | %REC | 1 | 6/11 | /2015 3:58:00 AM |
| Volatile Organic Compounds by | EPA Method 8 | <u>3260</u> | | Batc | h ID: | R22900 | Analyst: AK |
| Benzene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 3:58:00 AM |
| Toluene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 3:58:00 AM |
| Ethylbenzene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 3:58:00 AM |
| m,p-Xylene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 3:58:00 AM |
| o-Xylene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 3:58:00 AM |
| Surr: Dibromofluoromethane | 96.1 | 77.4-147 | | %REC | 1 | 6/11 | /2015 3:58:00 AM |
| Surr: Toluene-d8 | 95.5 | 40.1-139 | | %REC | 1 | 6/11 | /2015 3:58:00 AM |
| Surr: 1-Bromo-4-fluorobenzene | 98.7 | 64.2-128 | | %REC | 1 | 6/11 | /2015 3:58:00 AM |



WO#: **1506087**

Date Reported: 6/11/2015

6/11/2015 4:26:00 AM

Client: Cardno ATC Collection Date: 6/4/2015 12:50:00 PM

Project: Coca Cola

Lab ID: 1506087-005 **Matrix:** Water

98.6

Client Sample ID: MW-10

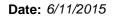
Surr: 1-Bromo-4-fluorobenzene

| Analyses | Result | RL | Qual | Units | DF | Da | ate Analyzed |
|---|---------------------|-----------------|------|-------|-------|--------|------------------|
| Diesel and Heavy Oil by NWTPI | I-Dx/Dx Ext. | | | Bato | h ID: | 10954 | Analyst: DB |
| Diesel (Fuel Oil) | ND | 49.9 | | μg/L | 1 | 6/8/2 | 2015 7:23:00 PM |
| Heavy Oil | ND | 99.9 | | μg/L | 1 | 6/8/2 | 2015 7:23:00 PM |
| Surr: 2-Fluorobiphenyl | 84.9 | 50-150 | | %REC | 1 | 6/8/2 | 2015 7:23:00 PM |
| Surr: o-Terphenyl | 92.0 | 50-150 | | %REC | 1 | 6/8/2 | 2015 7:23:00 PM |
| Gasoline by NWTPH-Gx | | | | Bato | h ID: | R22879 | Analyst: AK |
| Gasoline | ND | 50.0 | | μg/L | 1 | 6/11 | /2015 4:26:00 AM |
| Surr: 4-Bromofluorobenzene | 99.9 | 65-135 | | %REC | 1 | 6/11 | /2015 4:26:00 AM |
| Surr: Toluene-d8 | 136 | 65-135 | S | %REC | 1 | 6/11 | /2015 4:26:00 AM |
| NOTES: | | | | | | | |
| S - Outlying surrogate recovery observe | ed (high bias). Sam | ple is non-dete | ct. | | | | |
| Volatile Organic Compounds by | / EPA Method | <u>8260</u> | | Bato | h ID: | R22900 | Analyst: AK |
| Benzene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 4:26:00 AM |
| Toluene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 4:26:00 AM |
| Ethylbenzene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 4:26:00 AM |
| m,p-Xylene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 4:26:00 AM |
| o-Xylene | ND | 1.00 | | μg/L | 1 | 6/11 | /2015 4:26:00 AM |
| Surr: Dibromofluoromethane | 95.3 | 77.4-147 | | %REC | 1 | 6/11 | /2015 4:26:00 AM |
| Surr: Toluene-d8 | 126 | 40.1-139 | | %REC | 1 | 6/11 | /2015 4:26:00 AM |

64.2-128

%REC

1



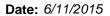


QC SUMMARY REPORT

CLIENT: Cardno ATC

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

| Project: Coca Cola | | | | | | | Jiesei e | ilia Heavy (| On by 1444 | וו וו-טאוו | J |
|-----------------------------------|----------------------|------|-----------|-------------|------|---------------|-----------|--------------|--------------------|------------|------|
| Sample ID: LCS-10954 | SampType: LCS | | | Units: µg/L | | Prep Date | 6/5/201 | 5 | RunNo: 22 8 | 330 | |
| Client ID: LCSW | Batch ID: 10954 | | | | | Analysis Date | 6/8/201 | 5 | SeqNo: 432 | 2549 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit I | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Diesel (Fuel Oil) | 796 | 50.0 | 1,000 | 0 | 79.6 | 65 | 135 | | | | |
| Surr: 2-Fluorobiphenyl | 57.7 | | 80.00 | | 72.2 | 50 | 150 | | | | |
| Surr: o-Terphenyl | 66.9 | | 80.00 | | 83.6 | 50 | 150 | | | | |
| Sample ID: MB-10954 | SampType: MBLK | | | Units: µg/L | | Prep Date | : 6/5/201 | 5 | RunNo: 22 8 | 330 | |
| Client ID: MBLKW | Batch ID: 10954 | | | | | Analysis Date | 6/8/201 | 5 | SeqNo: 432 | 2550 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit I | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qua |
| Diesel (Fuel Oil) | ND | 50.0 | | | | | | | | | |
| Heavy Oil | ND | 100 | | | | | | | | | |
| Surr: 2-Fluorobiphenyl | 45.7 | | 80.00 | | 57.1 | 50 | 150 | | | | |
| Surr: o-Terphenyl | 46.6 | | 80.00 | | 58.3 | 50 | 150 | | | | |
| Sample ID: 1506076-001BDUP | SampType: DUP | | | Units: µg/L | | Prep Date | : 6/5/201 | 5 | RunNo: 228 | 330 | |
| Client ID: BATCH | Batch ID: 10954 | | | | | Analysis Date | 6/8/201 | 5 | SeqNo: 432 | 2585 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit I | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qua |
| Diesel (Fuel Oil) | ND | 49.9 | | | | | | 0 | | 30 | |
| Heavy Oil | ND | 99.8 | | | | | | 0 | | 30 | |
| Surr: 2-Fluorobiphenyl | 61.6 | | 79.87 | | 77.1 | 50 | 150 | | 0 | | |
| Surr: o-Terphenyl | 67.7 | | 79.87 | | 84.7 | 50 | 150 | | 0 | | |



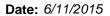


QC SUMMARY REPORT

CLIENT: Cardno ATC
Project: Coca Cola

Gasoline by NWTPH-Gx

| Project: Coca Cola | | | | | | | | | | • | |
|-----------------------------------|-------------------------|------|-----------|-------------|------|--------------|-------------------|-------------|--------------------|----------|------|
| Sample ID: 1506087-002BDUP | SampType: DUP | | | Units: µg/L | | Prep Dat | e: 6/11/20 | 15 | RunNo: 22 8 | 379 | |
| Client ID: MW-5 | Batch ID: R22879 | | | | | Analysis Dat | e: 6/11/20 | 15 | SeqNo: 434 | 1090 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Gasoline | ND | 50.0 | | | | | | 0 | | 30 | |
| Surr: Toluene-d8 | 25.0 | | 25.00 | | 100 | 65 | 135 | | 0 | 0 | |
| Surr: 4-Bromofluorobenzene | 25.3 | | 25.00 | | 101 | 65 | 135 | | 0 | 0 | |
| Sample ID: LCS-R22879 | SampType: LCS | | | Units: µg/L | | Prep Dat | e: 6/10/20 | 15 | RunNo: 228 | | |
| Client ID: LCSW | Batch ID: R22879 | | | | | Analysis Dat | e: 6/10/20 | 15 | SeqNo: 434 | 1106 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Gasoline | 434 | 50.0 | 500.0 | 0 | 86.9 | 65 | 135 | | | | |
| Surr: Toluene-d8 | 24.9 | | 25.00 | | 99.8 | 65 | 135 | | | | |
| Surr: 4-Bromofluorobenzene | 24.8 | | 25.00 | | 99.1 | 65 | 135 | | | | |
| Sample ID: MB-R22879 | SampType: MBLK | | | Units: µg/L | | Prep Dat | e: 6/10/20 | 15 | RunNo: 228 | 379 | |
| Client ID: MBLKW | Batch ID: R22879 | | | | | Analysis Dat | e: 6/10/20 | 15 | SeqNo: 434 | 1107 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Gasoline | ND | 50.0 | | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 25.2 | | 25.00 | | 101 | 65 | 135 | | | | |
| Sample ID: MB-R22879 | SampType: MBLK | | | Units: %REC | | Prep Dat | e: 6/11/20 | 15 | RunNo: 22 8 | 379 | |
| Client ID: MBLKW | Batch ID: R22879 | | | | | Analysis Dat | | | SeqNo: 434 | 1264 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Surr: Toluene-d8 | 25.3 | | 25.00 | | 101 | 65 | 135 | | | | |
| | | | | | | | | | | | |



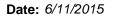


QC SUMMARY REPORT

CLIENT: Cardno ATC Project: Coca Cola

Volatile Organic Compounds by EPA Method 8260

| Sample ID: 1506084-001BMS | SampType: MS | | | Units: µg/L | | Prep Date | e: 6/11/20 | 15 | RunNo: 229 | 900 | |
|-----------------------------------|-------------------------|------|-----------|-------------|------|---------------|-------------------|-------------|--------------------|----------|------|
| Client ID: BATCH | Batch ID: R22900 | | | | | Analysis Date | e: 6/11/20 | 15 | SeqNo: 434 | 1000 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Benzene | 20.6 | 1.00 | 20.00 | 0 | 103 | 65.4 | 138 | | | | |
| Toluene | 18.7 | 1.00 | 20.00 | 0 | 93.5 | 64 | 139 | | | | |
| Ethylbenzene | 20.8 | 1.00 | 20.00 | 0 | 104 | 64.5 | 136 | | | | |
| m,p-Xylene | 41.0 | 1.00 | 40.00 | 0 | 102 | 63.3 | 135 | | | | |
| o-Xylene | 20.2 | 1.00 | 20.00 | 0 | 101 | 65.4 | 134 | | | | |
| Surr: Dibromofluoromethane | 26.0 | | 25.00 | | 104 | 77.4 | 147 | | | | |
| Surr: Toluene-d8 | 23.4 | | 25.00 | | 93.7 | 40.1 | 139 | | | | |
| Surr: 1-Bromo-4-fluorobenzene | 24.9 | | 25.00 | | 99.5 | 64.2 | 128 | | | | |
| Sample ID: 1506087-002BDUP | SampType: DUP | | | Units: µg/L | | Prep Date | e: 6/11/20 | 15 | RunNo: 22 9 | 900 | |
| Client ID: MW-5 | Batch ID: R22900 | | | | | Analysis Date | e: 6/11/20 | 15 | SeqNo: 434 | 1003 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Benzene | ND | 1.00 | | | | | | 0 | | 30 | |
| Toluene | ND | 1.00 | | | | | | 0 | | 30 | |
| Ethylbenzene | ND | 1.00 | | | | | | 0 | | 30 | |
| m,p-Xylene | ND | 1.00 | | | | | | 0 | | 30 | |
| o-Xylene | ND | 1.00 | | | | | | 0 | | 30 | |
| Surr: Dibromofluoromethane | 24.2 | | 25.00 | | 96.7 | 77.4 | 147 | | 0 | | |
| Surr: Toluene-d8 | 23.7 | | 25.00 | | 94.9 | 40.1 | 139 | | 0 | | |
| Surr: 1-Bromo-4-fluorobenzene | 25.0 | | 25.00 | | 100 | 64.2 | 128 | | 0 | | |
| Sample ID: LCS-R22900 | SampType: LCS | | | Units: µg/L | | Prep Date | e: 6/10/20 | 15 | RunNo: 22 9 | 900 | |
| Client ID: LCSW | Batch ID: R22900 | | | | | Analysis Date | e: 6/10/20 | 15 | SeqNo: 434 | 1017 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Benzene | 19.2 | 1.00 | 20.00 | 0 | 96.0 | 69.3 | 132 | | | | |
| Toluene | 16.8 | 1.00 | 20.00 | 0 | 84.2 | 61.3 | 145 | | | | |
| Ethylbenzene | 18.7 | 1.00 | 20.00 | 0 | 93.7 | 72 | 130 | | | | |
| m,p-Xylene | 37.2 | 1.00 | 40.00 | 0 | 92.9 | 70.3 | 134 | | | | |





QC SUMMARY REPORT

CLIENT: Cardno ATC Project: Coca Cola

Volatile Organic Compounds by EPA Method 8260

| Project: Coca Cola | | | | | | | 7 0 141110 | organic com | podnao by El / momo | . 0_0. |
|-------------------------------|-----------|---------|------|-----------|-------------|------|---------------|-------------------|----------------------|--------|
| Sample ID: LCS-R22900 | SampType | e: LCS | | | Units: µg/L | | Prep Date | 6/10/2015 | RunNo: 22900 | |
| Client ID: LCSW | Batch ID: | R22900 | | | | | Analysis Date | 6/10/2015 | SeqNo: 434017 | |
| Analyte | | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit RPD Ref | Val %RPD RPDLimit | Qual |
| o-Xylene | | 18.8 | 1.00 | 20.00 | 0 | 94.0 | 72.1 | 131 | | |
| Surr: Dibromofluoromethane | | 26.3 | | 25.00 | | 105 | 77.4 | 147 | | |
| Surr: Toluene-d8 | | 23.4 | | 25.00 | | 93.8 | 40.1 | 139 | | |
| Surr: 1-Bromo-4-fluorobenzene | | 24.9 | | 25.00 | | 99.5 | 64.2 | 128 | | |
| Sample ID: MB-R22900 | SampType | e: MBLK | | | Units: µg/L | | Prep Date | : 6/10/2015 | RunNo: 22900 | |
| Client ID: MBLKW | Batch ID: | R22900 | | | | | Analysis Date | 6/10/2015 | SeqNo: 434018 | |
| Analyte | | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit RPD Ref | Val %RPD RPDLimit | Qual |
| Benzene | | ND | 1.00 | | | | | | | |
| Toluene | | ND | 1.00 | | | | | | | |
| Ethylbenzene | | ND | 1.00 | | | | | | | |
| m,p-Xylene | | ND | 1.00 | | | | | | | |
| o-Xylene | | ND | 1.00 | | | | | | | |
| Surr: Dibromofluoromethane | | 23.3 | | 25.00 | | 93.2 | 77.4 | 147 | | |
| Surr: 1-Bromo-4-fluorobenzene | | 24.9 | | 25.00 | | 99.6 | 64.2 | 128 | | |
| Sample ID: MB-R22900 | SampType | e: MBLK | | | Units: %REC | | Prep Date | : 6/11/2015 | RunNo: 22900 | |
| Client ID: MBLKW | Batch ID: | R22900 | | | | | Analysis Date | 6/11/2015 | SeqNo: 434226 | |
| Analyte | | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit RPD Ref | Val %RPD RPDLimit | Qual |
| Surr: Toluene-d8 | | 25.4 | | 25.00 | | 101 | 40.1 | 139 | | |



Sample Log-In Check List

| Client Name: ATC | Work Order Numb | er: 1506087 | |
|--|-----------------|--------------------|----------------|
| Logged by: Erica Silva | Date Received: | 6/4/2015 | 3:52:00 PM |
| Chain of Custody | | | |
| 1. Is Chain of Custody complete? | Yes 🗸 | No \square | Not Present |
| 2. How was the sample delivered? | <u>Client</u> | | |
| <u>Log In</u> | | | |
| 3. Coolers are present? | Yes 🗸 | No 🗌 | NA 🗆 |
| | | | |
| 4. Shipping container/cooler in good condition? | Yes 🗹 | No 🗌 | |
| Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact) | Yes | No 🗌 | Not Required 🗹 |
| 6. Was an attempt made to cool the samples? | Yes 🗹 | No 🗌 | NA \square |
| 7. Were all items received at a temperature of >0°C to 10.0°C* | Yes 🗹 | No 🗌 | NA 🗆 |
| 8. Sample(s) in proper container(s)? | Yes 🗸 | No 🗌 | |
| Sufficient sample volume for indicated test(s)? | Yes 🗹 | No 🗌 | |
| 10. Are samples properly preserved? | Yes 🗹 | No 🗌 | |
| 11. Was preservative added to bottles? | Yes | No 🗹 | NA 🗆 |
| 12. Is there headspace in the VOA vials? | Yes | No 🗸 | NA 🗆 |
| 13. Did all samples containers arrive in good condition(unbroken)? | Yes 🗸 | No 🗌 | |
| 14. Does paperwork match bottle labels? | Yes 🗹 | No \square | |
| 15. Are matrices correctly identified on Chain of Custody? | Yes | No 🗸 | |
| 16. Is it clear what analyses were requested? | Yes 🗹 | No \square | |
| 17. Were all holding times able to be met? | Yes 🗹 | No \square | |
| Special Handling (if applicable) | | | |
| 18. Was client notified of all discrepancies with this order? | Yes | No 🗌 | NA 🗹 |
| Person Notified: Date | e: | | |
| By Whom: Via: | | one Fax | ☐ In Person |
| Regarding: | | | |
| | | | |

Item Information

| Item # | Temp ºC |
|--------|---------|
| Cooler | 1.2 |
| Sample | 6.8 |

^{*} Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

| 3600 Frem | | |
|---------------|------------|---|
| remont Ave N. | | |
| Tel: 206-3 | Ana | 3 |
| 0055-C25-300 | TANALGOI ! | |

Chain of Custody Record

| Applease coordinate with the lable advance | | | ж | | | | | × |
|--|---|--------------------------------------|---|---|-----------------------|--|--|------------|
| TAT -> SameDay^ NextDay^ 2 Day 3 Day 5TD | | Date/Time | Referred 1 V | | | Date/ lime | Dandahanan | 26 |
|) | 18.52 | Date/Time | Received | 7 | 18:31 | 841/s | x XXXX | 0 × 3 |
| | on the following business day. | ampijns are retained after 30 days.) | 120 | Disposal by Lab (A fee may be assessed if | Dispo | Return to Client | Sample Disposal: | S S |
| Special Remarks: | Turn-around times for samples received after 4:00pm will begin | Fluoride Nitrate+Nitrite | O-Phosphate | ate Bromide | Chloride Sulfate | Nitrite Chi | ***Anions (Circle): Nitrate | 1 |
| Pb Sb Se Sr Sn Ti Ti U V Zn | Fe Hg K Mg Mn Mo Na Ni I | 8 8a 8e Ca Cd Co Cr Cu | individual: Ag Al As | lutants TAL | Priority Pollutants | MTCA-5 RCRA-8 | (Cirde): | 1 |
| | | | | | - | | | 10 |
| and the property of the same | | | | | | | | 10 |
| | | | | | | | | 00 |
| | | | | | | | | 7 |
| | | | | | | 9. | | ET. |
| COLDANGIA CO CAMBELLIA DE LOS CILLOS | - | × | × | 4 | 12:50 | < | Mw-10 | N. |
| | | × | × | 9 | 13:40 | | Nw-7 | 44 |
| | | × | × | 8 | 54:01 | | 8-rm | Sub- |
| | | X | × | 5 | 11:25 | | MW-5 | N |
| and the property of the proper | | | | | 18/19 12:10 | 9/8 | MW-1 | 14 |
| Comments/Death | | | SO TO | Sample Type (Matrix)* | ple Sample te Time | Sample | Sample Name | lv. |
| WW = Waste Water, SW = Strom Water | ater, GW = Ground Water, | , W = Water, DW = Drinking Water, | SD = Sediment, St = Solid, | P = Product, S = Soil, | O = Other, P = I | 8 = 8ulk, | *Matrix Codes: A = Air, AQ = Aqueous, | 1 |
| THE RESERVE OF THE PARTY OF THE PARTY. | 1 | Email: | | | Fax: | | Tel: | T |
| aruno. Com | mon. Payme (9) C | o (PM): 50 | | | | | City, State, Zip | 1,00 |
| conected by: Jess - Carried | sphaon, link | Location: Belli | | | | | Address: | 100 |
| | Cola | Project Name: Coca | | | 77 | cardno AT | Client | 018 |
| The state of the s | of. | S Page: | Date: 6/4/ | ĺ | -3790 | Tel: 206-352-3790 Fax: 206-352-7178 | 3600 Fremont Ave N. Seattle, WA 98103 | Service of |
| 1209051 | Laboratory Project No (internal): | Labara | 161 | | Analytical | Analy | | |
| 1 | | | | | 7 | | | |



3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Cardno ATC Simon Payne 6347 Seaview Ave NW

Seattle, WA 98107

RE: Coca-Cola Bellingham

Lab ID: 1509263

September 25, 2015

Attention Simon Payne:

Fremont Analytical, Inc. received 7 sample(s) on 9/18/2015 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Gasoline by NWTPH-Gx

Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Chelsea Ward Project Manager

Date: 09/25/2015



CLIENT: Cardno ATC Work Order Sample Summary

Project: Coca-Cola Bellingham

Lab Order: 1509263

| Lab Sample ID | Client Sample ID | Date/Time Collected | Date/Time Received |
|---------------|------------------|---------------------|--------------------|
| 1509263-001 | MW-1 | 09/18/2015 12:40 PM | 09/18/2015 3:35 PM |
| 1509263-002 | MW-5 | 09/18/2015 11:25 AM | 09/18/2015 3:35 PM |
| 1509263-003 | MW-8 | 09/18/2015 12:05 PM | 09/18/2015 3:35 PM |
| 1509263-004 | MW-9 | 09/18/2015 10:25 AM | 09/18/2015 3:35 PM |
| 1509263-005 | MW-10 | 09/18/2015 9:40 AM | 09/18/2015 3:35 PM |
| 1509263-006 | DUP-091815 | 09/18/2015 7:00 AM | 09/18/2015 3:35 PM |
| 1509263-007 | Trip Blank | 08/21/2015 4:00 PM | 09/18/2015 3:35 PM |

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned



Case Narrative

WO#: **1509263**Date: **9/25/2015**

CLIENT: Cardno ATC

Project: Coca-Cola Bellingham

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.



Qualifiers & Acronyms

WO#: **1509263**

Date Reported: 9/25/2015

Qualifiers:

- * Flagged value is not within established control limits
- B Analyte detected in the associated Method Blank
- D Dilution was required
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- I Analyte with an internal standard that does not meet established acceptance criteria
- J Analyte detected below LOQ
- N Tentatively Identified Compound (TIC)
- Q Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
- S Spike recovery outside accepted recovery limits
- ND Not detected at the Reporting Limit

Acronyms:

%Rec - Percent Recovery

CCB - Continued Calibration Blank

CCV - Continued Calibration Verification

DF - Dilution Factor

HEM - Hexane Extractable Material

ICV - Initial Calibration Verification

LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate

MB or MBLANK - Method Blank

MDL - Method Detection Limit

MS/MSD - Matrix Spike / Matrix Spike Duplicate

PDS - Post Digestion Spike

Ref Val - Reference Value

RL - Reporting Limit

RPD - Relative Percent Difference

SD - Serial Dilution

SGT - Silica Gel Treatment

SPK - Spike

Surr - Surrogate



WO#: **1509263**

Date Reported: 9/25/2015

Client: Cardno ATC Collection Date: 9/18/2015 12:40:00 PM

Project: Coca-Cola Bellingham

Lab ID: 1509263-001 **Matrix:** Water

| Analyses | Result | RL | Qual | Units | DF | Da | ate Analyzed |
|-------------------------------|-------------------------|-------------|------------------|-------|-------|--------|------------------|
| Diesel and Heavy Oil by NWTPH | -Dx/Dx Ext. | | | Batc | h ID: | 11896 | Analyst: CM |
| Diesel (Fuel Oil) | ND | 50.0 | | μg/L | 1 | 9/24 | /2015 9:26:00 AM |
| Heavy Oil | ND | 100 | | μg/L | 1 | 9/24 | /2015 9:26:00 AM |
| Surr: 2-Fluorobiphenyl | 72.9 50-150 %REC 1 9/24 | | /2015 9:26:00 AM | | | | |
| Surr: o-Terphenyl | 75.2 | 50-150 | | %REC | 1 | 9/24 | /2015 9:26:00 AM |
| Gasoline by NWTPH-Gx | | | | Batc | h ID: | R25021 | Analyst: EM |
| Gasoline | ND | 50.0 | | μg/L | 1 | 9/22 | /2015 4:36:00 AM |
| Surr: 4-Bromofluorobenzene | 97.3 | 65-135 | | %REC | 1 | 9/22 | /2015 4:36:00 AM |
| Surr: Toluene-d8 | 88.5 | 65-135 | | %REC | 1 | 9/22 | /2015 4:36:00 AM |
| Volatile Organic Compounds by | EPA Method | <u>8260</u> | | Batc | h ID: | R25020 | Analyst: EM |
| Benzene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 4:36:00 AM |
| Toluene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 4:36:00 AM |
| Ethylbenzene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 4:36:00 AM |
| m,p-Xylene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 4:36:00 AM |
| o-Xylene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 4:36:00 AM |
| Surr: Dibromofluoromethane | 98.0 | 45.4-152 | | %REC | 1 | 9/22 | /2015 4:36:00 AM |
| Surr: Toluene-d8 | 98.2 | 40.1-139 | | %REC | 1 | 9/22 | /2015 4:36:00 AM |
| Surr: 1-Bromo-4-fluorobenzene | 102 | 64.2-128 | | %REC | 1 | 9/22 | /2015 4:36:00 AM |



WO#: **1509263**

Date Reported: 9/25/2015

Client: Cardno ATC Collection Date: 9/18/2015 11:25:00 AM

Project: Coca-Cola Bellingham

Lab ID: 1509263-002 **Matrix:** Water

| Analyses | Result | RL | Qual | Units | DF | - Da | ate Analyzed |
|-------------------------------|--------------|-------------|------|-------|-------|--------|------------------|
| Diesel and Heavy Oil by NWTPH | I-Dx/Dx Ext. | | | Bato | h ID: | 11896 | Analyst: CM |
| Diesel (Fuel Oil) | ND | 50.0 | | μg/L | 1 | 9/24 | /2015 9:57:00 AM |
| Heavy Oil | ND | 100 | | μg/L | 1 | 9/24 | /2015 9:57:00 AM |
| Surr: 2-Fluorobiphenyl | 70.0 | 50-150 | | %REC | 1 | 9/24 | /2015 9:57:00 AM |
| Surr: o-Terphenyl | 78.3 | 50-150 | | %REC | 1 | 9/24 | /2015 9:57:00 AM |
| Gasoline by NWTPH-Gx | | | | Bato | h ID: | R25021 | Analyst: EM |
| Gasoline | ND | 50.0 | | μg/L | 1 | 9/22 | /2015 5:05:00 AM |
| Surr: 4-Bromofluorobenzene | 97.7 | 65-135 | | %REC | 1 | 9/22 | /2015 5:05:00 AM |
| Surr: Toluene-d8 | 89.7 | 65-135 | | %REC | 1 | 9/22 | /2015 5:05:00 AM |
| Volatile Organic Compounds by | EPA Method 8 | <u>3260</u> | | Bato | h ID: | R25020 | Analyst: EM |
| Benzene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 5:05:00 AM |
| Toluene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 5:05:00 AM |
| Ethylbenzene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 5:05:00 AM |
| m,p-Xylene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 5:05:00 AM |
| o-Xylene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 5:05:00 AM |
| Surr: Dibromofluoromethane | 102 | 45.4-152 | | %REC | 1 | 9/22 | /2015 5:05:00 AM |
| Surr: Toluene-d8 | 102 | 40.1-139 | | %REC | 1 | 9/22 | /2015 5:05:00 AM |
| Surr: 1-Bromo-4-fluorobenzene | 103 | 64.2-128 | | %REC | 1 | 9/22 | /2015 5:05:00 AM |



WO#: **1509263**

Date Reported: 9/25/2015

Client: Cardno ATC Collection Date: 9/18/2015 12:05:00 PM

Project: Coca-Cola Bellingham

Lab ID: 1509263-003 **Matrix:** Water

| Analyses | Result | RL | Qual | Units | DF | - Da | nte Analyzed |
|-------------------------------|-------------|-------------|------|-------|-------|--------|-------------------|
| Diesel and Heavy Oil by NWTPH | -Dx/Dx Ext. | | | Batc | h ID: | 11896 | Analyst: CM |
| Diesel (Fuel Oil) | ND | 50.0 | | μg/L | 1 | 9/24 | /2015 10:28:00 AM |
| Heavy Oil | ND | 100 | | μg/L | 1 | 9/24 | /2015 10:28:00 AM |
| Surr: 2-Fluorobiphenyl | 72.9 | 50-150 | | %REC | 1 | 9/24 | /2015 10:28:00 AM |
| Surr: o-Terphenyl | 74.2 | 50-150 | | %REC | 1 | 9/24 | /2015 10:28:00 AM |
| Gasoline by NWTPH-Gx | | | | Batc | h ID: | R25021 | Analyst: EM |
| Gasoline | ND | 50.0 | | μg/L | 1 | 9/22 | /2015 5:33:00 AM |
| Surr: 4-Bromofluorobenzene | 96.1 | 65-135 | | %REC | 1 | 9/22 | /2015 5:33:00 AM |
| Surr: Toluene-d8 | 88.5 | 65-135 | | %REC | 1 | 9/22 | /2015 5:33:00 AM |
| Volatile Organic Compounds by | EPA Method | <u>8260</u> | | Batc | h ID: | R25020 | Analyst: EM |
| Benzene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 5:33:00 AM |
| Toluene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 5:33:00 AM |
| Ethylbenzene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 5:33:00 AM |
| m,p-Xylene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 5:33:00 AM |
| o-Xylene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 5:33:00 AM |
| Surr: Dibromofluoromethane | 101 | 45.4-152 | | %REC | 1 | 9/22 | /2015 5:33:00 AM |
| Surr: Toluene-d8 | 101 | 40.1-139 | | %REC | 1 | 9/22 | /2015 5:33:00 AM |
| Surr: 1-Bromo-4-fluorobenzene | 101 | 64.2-128 | | %REC | 1 | 9/22 | /2015 5:33:00 AM |



WO#: **1509263**

Date Reported: 9/25/2015

Client: Cardno ATC Collection Date: 9/18/2015 10:25:00 AM

Project: Coca-Cola Bellingham

Lab ID: 1509263-004 **Matrix:** Water

| Analyses | Result | RL | Qual | Units | DF | = Da | ate Analyzed |
|-------------------------------|--------------|-------------|------|-------|-------|--------|-------------------|
| Diesel and Heavy Oil by NWTPH | -Dx/Dx Ext. | | | Bato | h ID: | 11896 | Analyst: CM |
| Diesel (Fuel Oil) | ND | 49.9 | | μg/L | 1 | 9/24 | /2015 10:59:00 AM |
| Heavy Oil | ND | 99.9 | | μg/L | 1 | 9/24 | /2015 10:59:00 AM |
| Surr: 2-Fluorobiphenyl | 71.1 | 50-150 | | %REC | 1 | 9/24 | /2015 10:59:00 AM |
| Surr: o-Terphenyl | 76.1 | 50-150 | | %REC | 1 | 9/24 | /2015 10:59:00 AM |
| Gasoline by NWTPH-Gx | | | | Bato | h ID: | R25021 | Analyst: EM |
| Gasoline | ND | 50.0 | | μg/L | 1 | 9/22 | /2015 6:01:00 AM |
| Surr: 4-Bromofluorobenzene | 94.2 | 65-135 | | %REC | 1 | 9/22 | /2015 6:01:00 AM |
| Surr: Toluene-d8 | 89.2 | 65-135 | | %REC | 1 | 9/22 | /2015 6:01:00 AM |
| Volatile Organic Compounds by | EPA Method 8 | <u>3260</u> | | Bato | h ID: | R25020 | Analyst: EM |
| Benzene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 6:01:00 AM |
| Toluene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 6:01:00 AM |
| Ethylbenzene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 6:01:00 AM |
| m,p-Xylene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 6:01:00 AM |
| o-Xylene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 6:01:00 AM |
| Surr: Dibromofluoromethane | 99.4 | 45.4-152 | | %REC | 1 | 9/22 | /2015 6:01:00 AM |
| Surr: Toluene-d8 | 99.9 | 40.1-139 | | %REC | 1 | 9/22 | /2015 6:01:00 AM |
| Surr: 1-Bromo-4-fluorobenzene | 98.7 | 64.2-128 | | %REC | 1 | 9/22 | /2015 6:01:00 AM |



WO#: **1509263**

Date Reported: 9/25/2015

Client: Cardno ATC Collection Date: 9/18/2015 9:40:00 AM

Project: Coca-Cola Bellingham

Lab ID: 1509263-005 **Matrix:** Water

| Analyses | Result | RL | Qual | Units | DF | Da | ate Analyzed |
|-------------------------------|-------------|--------------|------|-------|-------|--------|-------------------|
| Diesel and Heavy Oil by NWTPH | -Dx/Dx Ext. | | | Bato | h ID: | 11896 | Analyst: CM |
| Diesel (Fuel Oil) | ND | 50.0 | | μg/L | 1 | 9/24 | /2015 11:31:00 AM |
| Heavy Oil | ND | 100 | | μg/L | 1 | 9/24 | /2015 11:31:00 AM |
| Surr: 2-Fluorobiphenyl | 69.5 | 50-150 | | %REC | 1 | 9/24 | /2015 11:31:00 AM |
| Surr: o-Terphenyl | 74.6 | 50-150 | | %REC | 1 | 9/24 | /2015 11:31:00 AM |
| Gasoline by NWTPH-Gx | | | | Bato | h ID: | R25021 | Analyst: EM |
| Gasoline | ND | 50.0 | | μg/L | 1 | 9/22 | /2015 6:29:00 AM |
| Surr: 4-Bromofluorobenzene | 99.4 | 65-135 | | %REC | 1 | 9/22 | /2015 6:29:00 AM |
| Surr: Toluene-d8 | 90.3 | 65-135 | | %REC | 1 | 9/22 | /2015 6:29:00 AM |
| Volatile Organic Compounds by | EPA Method | <u> 8260</u> | | Bato | h ID: | R25020 | Analyst: EM |
| Benzene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 6:29:00 AM |
| Toluene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 6:29:00 AM |
| Ethylbenzene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 6:29:00 AM |
| m,p-Xylene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 6:29:00 AM |
| o-Xylene | ND | 1.00 | | μg/L | 1 | 9/22 | /2015 6:29:00 AM |
| Surr: Dibromofluoromethane | 99.0 | 45.4-152 | | %REC | 1 | 9/22 | /2015 6:29:00 AM |
| Surr: Toluene-d8 | 101 | 40.1-139 | | %REC | 1 | 9/22 | /2015 6:29:00 AM |
| Surr: 1-Bromo-4-fluorobenzene | 104 | 64.2-128 | | %REC | 1 | 9/22 | /2015 6:29:00 AM |



WO#: **1509263**

Date Reported: 9/25/2015

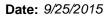
Client: Cardno ATC Collection Date: 9/18/2015 7:00:00 AM

Project: Coca-Cola Bellingham

Lab ID: 1509263-006 **Matrix:** Water

Client Sample ID: DUP-091815

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|------------|---------------------|------|--------------|--------------|---|
| Gasoline by NWTPH-Gx | | | | Batc | h ID: R | 25021 Analyst: EM |
| Gasoline | ND | 50.0 | | μg/L | 1 | 9/22/2015 8:49:00 AM |
| Surr: 4-Bromofluorobenzene | 96.0 | 65-135 | | %REC | 1 | 9/22/2015 8:49:00 AM |
| Surr: Toluene-d8 | 89.2 | 65-135 | | %REC | 1 | 9/22/2015 8:49:00 AM |
| Volatile Organic Compounds by Benzene | EPA Method | 8260 1.00 | | Batc µg/L | h ID: R 1 | 25020 Analyst: EM 9/22/2015 8:49:00 AM |
| Toluene | ND | 1.00 | | μg/L | 1 | 9/22/2015 8:49:00 AM |
| Ethylbenzene | ND | 1.00 | | μg/L | 1 | 9/22/2015 8:49:00 AM |
| m,p-Xylene | ND | 1.00 | | μg/L | 1 | 9/22/2015 8:49:00 AM |
| o-Xylene | ND | 1.00 | | μg/L | 1 | 9/22/2015 8:49:00 AM |
| Surr: Dibromofluoromethane | 104 | 45.4-152 | | %REC | 1 | 9/22/2015 8:49:00 AM |
| Surr: Toluene-d8 | 102 | 40.1-139 | | %REC | 1 | 9/22/2015 8:49:00 AM |
| Surr: 1-Bromo-4-fluorobenzene | 101 | 64.2-128 | | %REC | 1 | 9/22/2015 8:49:00 AM |





QC SUMMARY REPORT

CLIENT: Cardno ATC

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

| Project: Coca-Cola | Bellingham | | | | | | Diesei an | d Heavy | Oil by NW | I PH-DX/I | JX EXt |
|-----------------------------------|----------------------|------|-----------|-------------|------|---------------|---------------------|------------|-------------------|-----------|--------|
| Sample ID: MB-11896 | SampType: MBLK | | | Units: µg/L | | Prep Date | e: 9/21/2015 | | RunNo: 250 |)50 | |
| Client ID: MBLKW | Batch ID: 11896 | | | | | Analysis Date | e: 9/23/2015 | | SeqNo: 472 | 2305 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit R | PD Ref Val | %RPD | RPDLimit | Qual |
| Diesel (Fuel Oil) | ND | 50.0 | | | | | | | | | |
| Heavy Oil | ND | 100 | | | | | | | | | |
| Surr: 2-Fluorobiphenyl | 52.2 | | 80.00 | | 65.2 | 50 | 150 | | | | |
| Surr: o-Terphenyl | 55.8 | | 80.00 | | 69.7 | 50 | 150 | | | | |
| Sample ID: LCS-11896 | SampType: LCS | | | Units: µg/L | | Prep Date | e: 9/21/2015 | | RunNo: 250 |)50 | |
| Client ID: LCSW | Batch ID: 11896 | | | | | Analysis Date | e: 9/23/2015 | | SeqNo: 472 | 2304 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit R | PD Ref Val | %RPD | RPDLimit | Qual |
| Diesel (Fuel Oil) | 653 | 50.0 | 1,000 | 0 | 65.3 | 65 | 135 | | | | |
| Surr: 2-Fluorobiphenyl | 54.3 | | 80.00 | | 67.9 | 50 | 150 | | | | |
| Surr: o-Terphenyl | 45.9 | | 80.00 | | 57.4 | 50 | 150 | | | | |
| Sample ID: 1509263-005ADUP | SampType: DUP | | | Units: µg/L | | Prep Date | e: 9/21/2015 | | RunNo: 250 |)50 | |
| Client ID: MW-10 | Batch ID: 11896 | | | | | Analysis Date | e: 9/24/2015 | | SeqNo: 473 | 366 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit R | PD Ref Val | %RPD | RPDLimit | Qual |
| Diesel (Fuel Oil) | ND | 49.9 | | | | | | 0 | | 30 | |
| Heavy Oil | ND | 99.9 | | | | | | 0 | | 30 | |
| Surr: 2-Fluorobiphenyl | 60.1 | | 79.92 | | 75.2 | 50 | 150 | | 0 | | |
| Surr: o-Terphenyl | 64.0 | | 79.92 | | 80.1 | 50 | 150 | | 0 | | |

Date: 9/25/2015



Work Order: 1509263

QC SUMMARY REPORT

CLIENT: Cardno ATC

Gasoline by NWTPH-Gx

| Project: Coca-Cola | Bellingham | | | | | | | Gasoline by NWT | PH-Gx |
|-----------------------------------|-------------------------|------|-----------|-------------|------|---------------|-----------------------|----------------------|-------|
| Sample ID: LCS-R25021 | SampType: LCS | | | Units: µg/L | | | e: 9/22/2015 | RunNo: 25021 | |
| Client ID: LCSW | Batch ID: R25021 | | | | | Analysis Date | e: 9/22/2015 | SeqNo: 471371 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit RPD Ref Val | I %RPD RPDLimit | Qual |
| Gasoline | 575 | 50.0 | 500.0 | 0 | 115 | 65 | 135 | | |
| Surr: Toluene-d8 | 21.4 | | 25.00 | | 85.5 | 65 | 135 | | |
| Surr: 4-Bromofluorobenzene | 23.4 | | 25.00 | | 93.6 | 65 | 135 | | |
| Sample ID: MB-R25021 | SampType: MBLK | | | Units: µg/L | | Prep Date | e: 9/22/2015 | RunNo: 25021 | |
| Client ID: MBLKW | Batch ID: R25021 | | | | | Analysis Date | e: 9/22/2015 | SeqNo: 471372 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit RPD Ref Val | I %RPD RPDLimit | Qual |
| Gasoline | ND | 50.0 | | | | | | | |
| Surr: Toluene-d8 | 21.8 | | 25.00 | | 87.4 | 65 | 135 | | |
| Surr: 4-Bromofluorobenzene | 24.2 | | 25.00 | | 96.8 | 65 | 135 | | |
| Sample ID: 1509263-006BDUP | SampType: DUP | | | Units: µg/L | | Prep Date | e: 9/22/2015 | RunNo: 25021 | |
| Client ID: DUP-091815 | Batch ID: R25021 | | | | | Analysis Date | e: 9/22/2015 | SeqNo: 471364 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit RPD Ref Val | I %RPD RPDLimit | Qual |
| Gasoline | ND | 50.0 | | | | | 0 | 30 | |
| Surr: Toluene-d8 | 21.8 | | 25.00 | | 87.2 | 65 | 135 | 0 0 | |
| Surr: 4-Bromofluorobenzene | 23.5 | | 25.00 | | 94.0 | 65 | 135 | 0 0 | |

Date: 9/25/2015



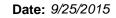
Work Order: 1509263

QC SUMMARY REPORT

CLIENT: Cardno ATC

Volatile Organic Compounds by EPA Method 8260

| Sample ID: I CC Baseage | CompTi | »: I CC | | | Unito: | | Dron Date | o. 0/00/004 | E | DunNer off | 20 | |
|----------------------------------|-----------|---------|------|-----------|-------------|------|---------------|--------------------|-------------|-------------------|----------|-----|
| Sample ID: LCS-R25020 | SampType | | | | Units: µg/L | | • | e: 9/22/201 | | RunNo: 250 | | |
| Client ID: LCSW | Batch ID: | R25020 | | | | | Analysis Date | e: 9/22/201 | 5 | SeqNo: 471 | 348 | |
| Analyte | | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qua |
| Benzene | | 19.8 | 1.00 | 20.00 | 0 | 98.8 | 69.3 | 132 | | | | |
| Toluene | | 18.7 | 1.00 | 20.00 | 0 | 93.6 | 61.3 | 145 | | | | |
| Ethylbenzene | | 19.2 | 1.00 | 20.00 | 0 | 95.8 | 72 | 130 | | | | |
| m,p-Xylene | | 38.4 | 1.00 | 40.00 | 0 | 96.0 | 70.3 | 134 | | | | |
| o-Xylene | | 18.6 | 1.00 | 20.00 | 0 | 93.0 | 72.1 | 131 | | | | |
| Surr: Dibromofluoromethane | | 25.6 | | 25.00 | | 102 | 45.4 | 152 | | | | |
| Surr: Toluene-d8 | | 25.9 | | 25.00 | | 103 | 40.1 | 139 | | | | |
| Surr: 1-Bromo-4-fluorobenzene | | 24.1 | | 25.00 | | 96.4 | 64.2 | 128 | | | | |
| Sample ID: MB-R25020 | SampType | e: MBLK | | | Units: µg/L | | Prep Date | e: 9/22/201 | 5 | RunNo: 250 |)20 | |
| Client ID: MBLKW | Batch ID: | R25020 | | | | | Analysis Date | e: 9/22/201 | 5 | SeqNo: 471 | 349 | |
| Analyte | | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qua |
| Benzene | | ND | 1.00 | | | | | | | | | |
| Toluene | | ND | 1.00 | | | | | | | | | |
| Ethylbenzene | | ND | 1.00 | | | | | | | | | |
| m,p-Xylene | | ND | 1.00 | | | | | | | | | |
| o-Xylene | | ND | 1.00 | | | | | | | | | |
| Surr: Dibromofluoromethane | | 26.3 | | 25.00 | | 105 | 45.4 | 152 | | | | |
| Surr: Toluene-d8 | | 25.2 | | 25.00 | | 101 | 40.1 | 139 | | | | |
| Surr: 1-Bromo-4-fluorobenzene | | 25.3 | | 25.00 | | 101 | 64.2 | 128 | | | | |
| Sample ID: 1509263-005BMS | SampType | e: MS | | | Units: µg/L | | Prep Date | e: 9/22/201 | 5 | RunNo: 250 |)20 | |
| Client ID: MW-10 | Batch ID: | R25020 | | | | | Analysis Date | e: 9/22/201 | 5 | SeqNo: 471 | 334 | |
| Analyte | | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qua |
| Benzene | | 21.3 | 1.00 | 20.00 | 0 | 106 | 65.4 | 138 | | | | |
| Toluene | | 20.0 | 1.00 | 20.00 | 0 | 100 | 64 | 139 | | | | |
| Ethylbenzene | | 21.1 | 1.00 | 20.00 | 0 | 105 | 64.5 | 136 | | | | |
| m,p-Xylene | | 41.8 | 1.00 | 40.00 | 0 | 104 | 63.3 | 135 | | | | |





Coca-Cola Bellingham

Work Order: 1509263

Project:

QC SUMMARY REPORT

CLIENT: Cardno ATC

Volatile Organic Compounds by EPA Method 8260

| Sample ID: 1509263-005BMS | SampType: MS | | | Units: µg/L | | Prop Do | te: 9/22/20 | 115 | RunNo: 250 | 120 | |
|----------------------------------|-------------------------|------|-----------|--------------|------|-------------|--------------------|-------------|-------------------|----------|------|
| Sample 1D. 1309203-003BWS | Samprype. WS | | | Offics. µg/L | | гтер Ба | le. 9/22/20 | 713 | Nullino. 230 | 120 | |
| Client ID: MW-10 | Batch ID: R25020 | | | | | Analysis Da | te: 9/22/20 | 15 | SeqNo: 471 | 334 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| o-Xylene | 20.0 | 1.00 | 20.00 | 0 | 100 | 65.4 | 134 | | | | |
| Surr: Dibromofluoromethane | 24.8 | | 25.00 | | 99.1 | 45.4 | 152 | | | | |
| Surr: Toluene-d8 | 24.8 | | 25.00 | | 99.1 | 40.1 | 139 | | | | |
| Surr: 1-Bromo-4-fluorobenzene | 24.6 | | 25.00 | | 98.5 | 64.2 | 128 | | | | |

| Sample ID: 1509263-006BDUP | SampType: DUP | | | Units: µg/L Prep Date: 9/22/2015 | | | RunNo: 25020 | | | | |
|-----------------------------------|-------------------------|------|-----------|----------------------------------|------|-------------|---------------------|-------------|-------------------|----------|------|
| Client ID: DUP-091815 | Batch ID: R25020 | | | | | Analysis Da | te: 9/22/20 | 15 | SeqNo: 471 | 1336 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Benzene | ND | 1.00 | | | | | | 0 | | 30 | |
| Toluene | ND | 1.00 | | | | | | 0 | | 30 | |
| Ethylbenzene | ND | 1.00 | | | | | | 0 | | 30 | |
| m,p-Xylene | ND | 1.00 | | | | | | 0 | | 30 | |
| o-Xylene | ND | 1.00 | | | | | | 0 | | 30 | |
| Surr: Dibromofluoromethane | 26.4 | | 25.00 | | 106 | 45.4 | 152 | | 0 | | |
| Surr: Toluene-d8 | 24.8 | | 25.00 | | 99.1 | 40.1 | 139 | | 0 | | |
| Surr: 1-Bromo-4-fluorobenzene | 24.2 | | 25.00 | | 97.0 | 64.2 | 128 | | 0 | | |



Sample Log-In Check List

| С | lient Name: | ATC | | Work O | rder Numi | ber: 1509263 | | |
|------|-------------------|--|---------------------|-----------------|--------------|---------------------|----------------|---|
| L | ogged by: | Erica Silva | | Date Re | eceived: | 9/18/2015 3 | :35:00 PM | |
| Cha | ain of Cust | ody | | | | | | |
| | | ustody complete? | | Yes | ✓ | No 🗌 | Not Present | |
| | | sample delivered? | | Clier | <u>nt</u> | | | |
| 100 | y In | | | | | | | |
| Log | | | | V | | N- □ | NA 🗌 | |
| 3. | Coolers are p | oresent? | | Yes | V | No 🗀 | NA L | |
| 4. | Shipping con | tainer/cooler in good condition | 1? | Yes | ✓ | No \square | | |
| 5. | | ls present on shipping contain nments for Custody Seals not | | Yes | | No 🗌 I | Not Required 🗹 | |
| 6. | Was an atten | npt made to cool the samples | ? | Yes | ✓ | No 🗌 | NA 🗌 | |
| 7. | Were all item | s received at a temperature c | f >0°C to 10.0 | 0°C* Yes | | No 🗸 | NA 🗆 | |
| | | | | Please refer to | | ormation | | |
| 8. | Sample(s) in | proper container(s)? | | Yes | | No 📙 | | |
| 9. | Sufficient sar | nple volume for indicated test | (s)? | Yes | | No 📙 | | |
| 10 | . Are samples | properly preserved? | | Yes | ✓ | No 📙 | | |
| 11 | . Was preserva | ative added to bottles? | | Yes | | No 🗹 | NA L | |
| 12 | . Is there head | space in the VOA vials? | | Yes | | No 🗸 | NA \square | |
| 13 | Did all sampl | es containers arrive in good c | ondition(unbro | oken)? Yes | ✓ | No \square | | |
| 14 | . Does paperw | ork match bottle labels? | | Yes | ✓ | No 🗌 | | |
| 15 | Are matrices | correctly identified on Chain of | of Custody? | Yes | ✓ | No 🗌 | | |
| 16 | . Is it clear wha | at analyses were requested? | | Yes | \checkmark | No 🗌 | | |
| 17 | . Were all hold | ing times able to be met? | | Yes | ✓ | No 🗌 | | |
| Spe | ecial Handlı | ing (if applicable) | | | | | | |
| | | otified of all discrepancies with | this order? | Yes | | No 🗌 | NA 🗹 | |
| | Person | Notified: | | Date: | | | | |
| | By Who | m: | | Via: | ıil 🗌 Ph | none Fax | In Person | |
| | Regardi | ng: | | | | | | |
| | Client Ir | nstructions: | | | | | | |
| 19 | Additional rer | marks: | | | | | | _ |
| Item | Information | | | | | | | |
| | | Item # | Temp ^o C | | | | | |
| | Cooler | | 9.8 | | | | | |

Sample

13.1

^{*} Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

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| to ton ton familiar tonners | | | | | . / | | | | |
|--|---|--|--|--|-------------------------------|---------------------|---|-----------------|--|
| TAT - Sagradiaus Newthaus 2 hav 3 hav 50 | | Date/Time | ` | Regelved | | | Date/Time | | Relinquished |
| | 5421 3 | 2 Date/Time | | Contrad | <u> </u> | 2/18 | 135 M | 13 | Relinquishes |
| | on the following business day. | - | d if samples are retained after 30 days.) | 1 | Disposal by Lab (After may be | Disposal b | Return to Client | | Sample Disposal: |
| Special Remarks: | Turn-around times for samples s received after 4:00pm will begin | Nitrate+Nitrite | Fluoride | O-Phasphate | Bromide | Sulfate | Nitrite Chloride | Nitrate N | ***Anions (Circle): |
| Pb Sb Se Sr Sn Ti Ti U V Zn | Fe Hg K Mg Mn Mo Na Ni Ph | Cq C0 C1 Cu | As 8 Ba Be Ca | Individual: Ag Al . | TAL | Priority Pollutants | RCRA-8 | Circle): MTCA-5 | **Metals Analysis (Circle): |
| | | | | | | | - | | 10 |
| | | | | | | | | | 9 |
| | | | | | | | | | 50 |
| | | | | | | | | | 7 |
| Hold | el to | | 3 | × | + | 7.00 | < | 15 | · DUP-091815 |
| | | | × | _ | | 04.9 | < | | s MW-10 |
| | | | × | × | | 16:25 | | | 4 MW-9 |
| | | | × | × | | 12:05 | | | 3 MW-8 |
| | | | × | X | | 11:25 | | | 2 Mw-5 |
| | | | × | | Water | 12:40 " | 5/18/12 | | 1- MW -1 |
| Comments | To a con our water | The Cartest Ca | A CONTROL OF THE CONT | Carolina Car | imple Type atrix)* | ample | 15 w | 5 | |
| | , | | | | 2 | Fax: | 1649 | | Telephone: |
| COM | Simon . Payme @ cardno . com | 1 1 | Report To (PM): | | | we | realthe seaview AND | Seaithe | Address: City, State, Zip: |
| Collected by: M. New Modes | Bellingham | l Nd | Project Name: Project No: | | | 4 | Cardno ATC | Cardo | Client |
| / | | Page: | | 51/81/16 | Date: | 86 0 | Tel: 206-352-3790 Fax: 206-352-7178 | ۶ | 3600 Fremont Ave N. Seattle, WA 98103 |
| 1509243 | Laboratory Project No (internal): | Laborator | | , | | 2018 | DESTRUCTOR OF THE PARTY OF THE | 3 | |
| criain of custody Record | CIIC | | | | | | | 50 | |